

NATIONAL VARIETY, EDITED APRIL 2023

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1. NATIONAL COFFEE VARIETY LIST

Species: Coffee Arabica

| Variety name | Year of release | Owner(s) | Maintainer and seedling source | Optimal production altitude (Masl) | Duration to maturity (months) | Yield (kg tree ⁻¹ y ⁻¹) | Special attributes |
|------------------|-----------------|----------------------------|--------------------------------|------------------------------------|-------------------------------|--|--|
| 1. CCLviii SL 34 | 1930s | Coffee Research Foundation | Coffee Research Foundation | 1300-1800 | 24 | 2-2.5 t/ha clean coffee | Fine liquor quality. Adaptable to medium to high altitude |
| 2. CCLIX SL 28 | 1935 | Coffee Research Foundation | Coffee Research Foundation | 1300-1800 | 24 | 2-2.5 t/ha clean coffee | Fine liquor quality. Adaptable to medium to high altitude |
| 3. CCLX K7 | 1936 | Coffee Research Foundation | Coffee Research Foundation | 1300-1600 | 24 | 2-2.5 t/ha clean coffee | Partial resistance to leaf rust. Adaptable to low to medium altitude |
| 4. CCLXI Ruiru I | 1985 | Coffee Research Foundation | Coffee Research Foundation | 1300-1800 | 18 | 2.5-4.6 t/ha clean coffee | Resistance to CBD and leaf rust, Compact growth |
| 5. Batian 1 | 2010 | Coffee Research Foundation | Coffee Research Foundation | 1200 - 1800 | 18 | 3-5 t/ha clean coffee | Fine cup quality Resistant to CBD and Leaf Rust True breeding Early cherry ripening Produce very large berries Suited for all coffee agro-ecological zones in Kenya |
| 6. Batian 3 | 2010 | Coffee Research Foundation | Coffee Research Foundation | 1200 - 1800 | 18 | 3-5 t/ha clean coffee | Fine cup quality with relatively lower caffeine content Resistant to CBD and Leaf Rust True breeding |
| | | | | | | | Late cherry ripening Produce very large berries Suited for all coffee agro-ecological zones in Kenya |

| | | | | | | | |
|----------------|------|-------------------------------|-------------------------------|-------------|----|--------------------------|---|
| 7. Batian 2 | 2010 | Coffee Research Foundation | Coffee Research Foundation | 1200 - 1800 | 18 | 3-5 t/ha clean coffee | Fine cup quality with high acidity Resistant to CBD and Leaf Rust True breeding Produce average sized berries Suited for all coffee agro-ecological zones in Kenya |
|----------------|------|-------------------------------|-------------------------------|-------------|----|--------------------------|---|

2. NATIONAL MACADAMIA VARIETY LIST

Species: *Macadamia* sp

| Variety name | Year of release | Owner(s) | Maintainer and seedling source | Optimal production altitude (Masl) | Economic production life (years) | Fruit yield (kg tree ⁻¹ y ⁻¹) | Special attributes |
|--------------|-----------------|----------|--------------------------------|------------------------------------|----------------------------------|--|------------------------------|
| 1.MRG-20 | 1997 | KARI | KARI-Thika | 1400-1550 | 15-20 | 46-50 | High fruit yield per cluster |
| 2.EMB-1 | 1997 | KARI | KARI-Thika | 1500-1750 | 15-20 | 42-55 | High first grade ratio |
| 3.EMB-3 | 1997 | KARI | KARI-Thika | 1750-1900 | 15-20 | 42-60 | High first grade ratio |
| 4.KRG-15 | 1997 | KARI | KARI-Thika | 1500-1750 | 15-20 | 40-70 | High kernel recovery |

3. NATIONAL TEA VARIETY LIST

Species: *Camellia sinensis* L.

| Variety name/code | Official Release Name | Year of release in Kenya | Year of release in other countries | Owner(s) / Licensee | Maintainer and seedling source | Optimal production altitude (Masl) | Duration to maturity (years) | Green tea leaf yield (t ha ⁻¹ y ⁻¹) | Special attributes |
|-------------------|-----------------------|--------------------------|------------------------------------|---------------------|--------------------------------|------------------------------------|------------------------------|--|----------------------------------|
| 1. AHP S15/10 | AHP S15/10 | 1960 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 5-8.0 | Orthodox manufacture |
| 2. TRF 6/8 | TRF 6/8 | 1964 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.5-6.6 | Good quality and wide adaptation |
| 3. TRF 7/14 | TRF 7/14 | 1964 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.5-4.2 | Good black tea quality |
| 4. TRF 7/3 | TRF 7/3 | 1964 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.4 | Good black tea quality |
| 5. TRF 11/4 | TRF 11/4 | 1964 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.5-7.0 | Resistant to mites and drought |
| 6. TRF 12/12 | TRF 12/12 | 1964 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.8-6.1 | Rich in caffeine |
| 7. TRF 12/19 | TRF 12/19 | 1964 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.9-7.4 | Rich in polyphenols |
| 8. TRF 31/8 | TRF 31/8 | 1964 | | TRFK | TRFK | 1600-2300 | 4-Mar | 4.2-7.8 | High yielding, drought tolerant |
| 9. AHP PMC 61 | AHP PMC 61 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 10. AHP PMC 67 | AHP PMC 67 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 3-Feb | ND |
| 11. AHP CA 609 | AHP CA 609 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 3-Feb | ND |
| 12. AHP PMC 2 | AHP PMC 2 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 13. AHP PMC 3 | AHP PMC 3 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |

| | | | | | | | | | |
|----------------------|---------------------|------|--|----------------|----------------|-----------|-------|---------|---|
| 14. AHP PMC 45 | AHP PMC 45 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 15. AHP PMS 46 | AHP PMS 46 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 16. AHP PMC 51 | AHP PMC 51 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 17. AHP PMC 59 | AHP PMC 59 | 1966 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 18. AHP CG 29E30 | AHP CG 29E30 | 1967 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 19. AHP KP 47/7 | AHP KP 47/7 | 1967 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Mar | ND |
| 20. AHP MN 11/96 | AHP MN 11/96 | 1968 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 3-Feb | ND |
| 21. AHP MN2 10/51 | AHP MN2 10/51 | 1968 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 2-3 | ND |
| 22. AHP CG 17/81 | AHP CG 17/81 | 1968 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 3-Feb | ND |
| 23. TRF 31/11 | TRF 31/11 | 1969 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.2-6.7 | ND |
| 24. TRF 7/9 | TRF 7/9 | 1969 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.6-7.1 | Very susceptible to drought |
| 25. TRF 108/82 | TRF 108/82 | 1976 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.1-5.3 | Good recovery from prune |
| 26. TRF 100/5 | TRF 100/5 | 1976 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.1-5.2 | Resistant to drought and mites |
| 27. AHP SC 12/28 | AHP SC 12/28 | 1977 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 8-May | Tolerant to mites and cold |
| 28. AHP CHM 61/60 | AHP CHM 61/60 | 1981 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 8-May | Tolerant to mites and drought Good rooter. |
| 29. AHP CG 28U864 | AHP CG 28U864 | 1982 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 6-Apr | Tolerant to mites and drought. |
| 30. AHP CG 28V929 | AHP CG 28V929 | 1982 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 6-Apr | ND |
| 31. AHP S 1/99 | AHP S 1/99 | 1984 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 4-Feb | ND |
| 32. TRF 303/178 | TRF 303/178 | 1986 | | TRFK | TRFK | 1600-2300 | 3-4 | 3.6-5.7 | ND |

| | | | | | | | | | |
|-------------------|---------------|------|--|-------------|-------------|-----------|-------|---------|---|
| 33. TRF 303/216 | TRF 303/216 | 1986 | | TRFK | TRFK | 1600-2300 | 3-4 | 3.9-5.3 | ND |
| 34. TRF 54/40 | TRF 54/40 | 1986 | | TRFK | TRFK | 1600-2300 | 3-4 | 3.1-4.8 | ND |
| 35. AHP SC 12/29 | AHP SC 12/29 | 1987 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 7-May | Resistant to mites |
| 36. TRF 303/259 | TRF 303/259 | 1988 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.2 | Drought tolerant |
| 37. AHP SF 186 | AHP SF 186 | 1988 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 8-May | Resistant to mites Easy to pluck high quality |
| 38. TRF 303/259 | TRF 303/259 | 1988 | | TRFK | TRFK | 1600-2300 | 4-Mar | 4.2 | ND |
| 39. TRF 56/89 | TRF 56/89 | 1988 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.5 | ND |
| 40. TRF 303/577 | TRF 303/577 | 1989 | | TRFK | TRFK | 1600-2300 | 4-Mar | 4.3-7.8 | Good recovery from prune and easy to prune |
| 41. TRF 303/999 | TRF 303/999 | 1989 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-3.9 | Tolerant to high soil pH Drought tolerant |
| 42. TRF 303/231 | TRF 303/231 | 1989 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.6-3.4 | Drought tolerant Wide adaptation |
| 43. TRF 303/1199 | TRF 303/1199 | 1989 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.4-5.1 | Easy to pluck good quality |
| 44. AHP SC 20/13 | AHP SC 20/13 | 1992 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 8-May | Moderately drought tolerant Easy to pluck |
| 45. AHP SC 31/37 | AHP SC 31/37 | 1992 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 8-May | High yielding Tolerant to mites |
| 46. TRF 303/178 | TRF 303/178 | 1994 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.5-4.4 | ND |
| 47. TRF 303/152 | TRF 303/152 | 1994 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.1-3.8 | Sprawling branches |
| 48. TRF 303/156 | TRF 303/156 | 1994 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.3-4.5 | Resistant to red crevice mites |
| 49. TRF 303/179 | TRF 303/179 | 1994 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-5.7 | Drought & mite resistant |
| 50. TRF 303/186 | TRF 303/186 | 1994 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.0 | Good recovery from prune |
| 51. AHP SKM 30/52 | AHP SKM 30/52 | 1995 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 6-May | Drought tolerant & resistant to mites |

| | | | | | | | | | |
|--------------------|----------------|------|---|-------------------------------|-------------------------------|-------------|-------|---------|--|
| 52. TRF 337/138 | TRF 337/138 | 1995 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.2 | Moderately resistant to mites |
| 53. TRF 337/3 | TRF 337/3 | 1995 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.2 | Moderate resistant to mites |
| 54. TRF 338/13 | TRF 338/13 | 1995 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.4 | Drought tolerant rapid field establishment |
| 55. TRF 347/26 | TRF 347/26 | 1995 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.5 | Drought tolerant good quality |
| 56. TRF 347/314 | TRF 347/314 | 1995 | | TRFK | TRFK | 1600-2300 | 4-Mar | 3.0-4.5 | Drought tolerant good quality |
| 57. AHP SC 11/1 | AHP SC 11/1 | 1997 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 7-May | Drought tolerant |
| 58. AHP SC 11/9 | AHP SC 11/9 | 1997 | | AHP Kericho | AHP Kericho | 1100-2200 | 4 | 7-May | Drought tolerant |
| 59. GW /EJULU-L | GW /EJULU-L | 2000 | | George Williamson Kenya | George Williamson Kenya | 1600-2000 | 4-Mar | 4.0-4.5 | Very brisk thick bright liquor |
| 60. TRF 301/4 | TRF 301/4 | 2002 | | TRFK | TRFK | 1600-2300 | 4-Mar | 4.1-5.2 | Drought tolerant ,Rich in caffeine |
| 61. TRF 301/5 | TRF 301/5 | 2002 | | TRFK | TRFK | 1600-2300 | 4-Mar | 4.0-5.9 | Drought tolerant |
| 62. TRFK 430/90 | TRFK 430/90 | 2008 | | TRFK | TRFK | 1500-2400 | 5-Mar | 2 | Drought tolerant,High quality for tea manufacture & extraction of polyphenols for green tea,Resistant to mites and root knot nematode,Upright growth habit ideal for machine harvesting |
| 63. TRFK 371/3 | TRFK 371/3 | 2008 | | TRFK | TRFK | 1500-2400 | 5-Mar | 2 | Drought tolerant,High quality for tea manufacture & extraction of polyphenols for green tea,Resistant to mites and root knot nematode |
| 64. TRFK 306 | TRFK 306 | 2011 | - | TRFK | TRFK | 1600 - 2300 | 4-Mar | 13 - 15 | Anthocyanin-rich (purple pigmentation) – medicinal tea product, Drought, frost, disease and pest resistant,Yield potential similar to the high yielding standard check and commercial clone TRFK 31/8, High content and quality of tea seed oil, Wide adaptability and suitable for all designated tea growing regions |

4. NATIONAL SWEET POTATO VARIETY LIST

Species: Ipomea batatas

| Variety name/code | Official Variety Release Name | Year of release in Kenya | Year of release in Other Countries | Owner(s) / Licensee | Maintainer and planting material source | Optimal production altitude range (Masl) | Duration to maturity (months) | Tuber yield (t ha-1 y-1) | Percentage, Dry matter content | -Special attributes |
|---------------------|-------------------------------|--------------------------|------------------------------------|---------------------|---|---|-------------------------------|--------------------------|--------------------------------|-----------------------------------|
| 1. Mtwapa 8 | Mtwapa 8 | 1998 | | KARI | KARI (Mtwapa) | 1-1500 | 3.5 | 20-Oct | | -Low fibre, high beta carotene |
| 2. Jayalo | Jayalo | 1998 | | KARI | KARI | 1-200 | 4 | 15-Oct | | -Good for piece meal harvesting |
| 3. 22/77 | 22/77 | 1998 | | KARI | KARI | 1-800 | 3.5 | 20-Oct | | -Good for piece meal harvesting |
| 4. KSP 20 (Wanjugu) | KSP 20 (Wanjugu) | 2000 | | KARI | KARI (Katumani) | 250-1750 | 4-Mar | 20 | | -High carotene levels Red skinned |
| 5. SPK 004 | SPK 004 | 2001 | | KARI | KARI-Kakamega | 1300-2000 | 4-Mar | 13-20 | | -High beta-carotene |
| 6. Kemb 10 | Kemb 10 | 2001 | | KARI | KARI-Kakamega | 1300-2000 | 4-Mar | 16-25 | | -High yielding |
| 7. SPK 013 | SPK 013 | 2001 | | KARI | KARI-Kakamega | 1200 - 1400 | 5-Apr | 21-35 | | -Low underground stability |
| 8. Mugande | Mugande | 2001 | | KARI | KARI-Kakamega | 1300-2000 | 5-Apr | 15-25 | | -Early maturing |
| 9. Ksp0047 | Ksp0047 | 2010 | | KARI | KARI KATUMANI | Warm, Semi-arid areas, 800 – 1000 m.a.s.l., Good for hill | 4-Mar | 25 | 24 | -Light orange |

| | | | | | | | | | | |
|--------------|-----------|------|----|---------------|---------------|---|------------|--------------|----|---|
| | | | | | | masses of Taita, and makueni districts | | | | fleshed, High β carotene content |
| 10. Ksp0072 | Ksp0072 | 2010 | | KARI | KARI KATUMANI | Warm, Semi-arid areas, 600 – 1400 m.a.s.l. Yield well in coffee zone of eastern and central. | 4-Mar | 22 | 25 | -Light orange fleshed, high β carotene content |
| 11. Ksp0084 | Ksp0084 | 2010 | | KARI | KARI KATUMANI | Warm, Semi-arid areas, 600 – 1800 m.a.s.l. Recommended for the coffee and lower areas | 4-Mar | 20 | 26 | -Light orange fleshed, high β carotene content, Duo purpose |
| 12. Ksp0154 | Ksp0154 | 2010 | | KARI | KARI KATUMANI | Warm, Semi-arid areas, 800 – 1800 m.a.s.l. Good for the Coffee zone (Thika, muranga South, Kandara, Kangundo) | 4-Mar | 23 | 25 | -Light orange fleshed, high β carotene content |
| 13. Mwavuli | Mwavuli-1 | 2011 | NA | KARI-Kakamega | KARI-Kakamega | 1200-1800 | 5-Apr | 22.0 (40.0) | | -High root yield, High DM, Dual purpose |
| 14. 91-218 | Limara | 2011 | NA | KARI-Kakamega | KARI-Kakamega | 1200-1700 | 5-Apr | 15.4 (25.0) | | -Very Resistant to virus disease |
| 15. 292-H-12 | Rachar | 2011 | NA | KARI-Kakamega | KARI-Kakamega | 1200-1680 | 5-Apr | 14.2 (34.0)* | | - Virus resistant |
| 16. 56682-03 | Haraka | 2011 | NA | KARI-Kakamega | KARI-Kakamega | 1300-1600 | 5-Apr | 16.3 (28.5) | | - Orange-fleshed, High DM |
| 17. K117 | Lisamu-DP | 2011 | NA | KARI-Kakamega | KARI-Kakamega | 1200-1600 | 6-May | 15.1 (34.4) | | - Orange-fleshed, High DM |
| 18. Kabode | Kabode | 2013 | | KARI | KARI-Kakamega | 1,200-1,800 | 4-5 months | 16-25 | | High β -carotene content, |

| | | | | | | | | | | |
|-------------------|-------------------|------|--|------|---------------|---|------------|---------|--|--|
| | | | | | | | | | | Tolerant to sweet-potato viruses; |
| 19.VITAA | Vitamu | 2013 | | KARI | KARI-Kakamega | 1,200-1,800 | 4-5 months | 15-22 | | High β -carotene, High dry matter content, Tolerance to virus diseases.O27 |
| 20.KNSP 013 | Kenspot-1 (Nyawo) | 2013 | | KARI | KARI-Njoro | 1,700-2,300 metres in Eldama-Ravine, Lare, Njoro, and Kakamega | 6-7 months | 15-25 | | -Fairly High Dry Matter -Yellow fleshed -Average acceptability |
| 21.KNSP 016 | Kenspot-2 | 2013 | | KARI | KARI-Njoro | 1700-1900 metres in the highlands of Kakamega, Lanet and Kabianga | 6-7 months | 15 - 46 | | -Moderate Dry Matter -White-fleshed -High acceptability rating. |
| 22.KNSP 010/6 (1) | Kenspot-3 | 2013 | | KARI | KARI-Njoro | 1,900-23,00 metres in Njoro, Eldama-Ravine, Kakamega | 6-7 months | 27-Oct | | -High Dry Matter content - Orange-fleshed (avg. β -carotene content -Average acceptability |
| 23.KNSP 06/1 (2) | Kenspot-4 | 2013 | | KARI | KARI-Njoro | 1,700-2,300 metres in Eldama-Ravine, Kakamega, Njoro, Kabianga | 6-7 months | 26-Oct | | -High Dry Matter content, |

| | | | | | | | | | | |
|--------------------|---------------|------|--|-------|----------------|--|------------|---------|--|--|
| | | | | | | | | | | -Orange-fleshed (high β -carotene content); -Average acceptability |
| 24. KNSP 02/16 (1) | Kenspot-5 | 2013 | | KARI | KARI-Njoro | 1,700-2,100 metres in Eldama-Ravine, Kabianga and Kakamega | 6-7 months | 23-Oct | | -Moderate dry matter; -Orange-fleshed (high β - carotene content -Moderately resistant to sweet-potato viral diseases -Moderate acceptability |
| 25. NASPOT-1 | DOUBLE-DOUBLE | 2015 | | KALRO | KALRO Kakamega | Western , Eastern Kenya, North Rift region | 3-4 months | 27 t/ha | | -Dual purpose variety-roots for human consumption and vines for livestock. - Moderately resistance to SPVD |
| 26. CUNY | CUNY | 2015 | | KALRO | KALRO Kakamega | Western Kenya | 4-5 months | 28 t/ha | | -High dry matter content and yellow fleshed -Has average level of sugars |

| | | | | | | | | | | |
|--------------------------|----------------|------|--|-------|----------------|--|----------|-------|--|---|
| | | | | | | | | | | -Tolerant to altanaria. |
| 27. K/KA/2004/21 5 | JANKAROTI | 2015 | | | | | | | | -Orange-fleshed-rich in beta carotene -Acceptable levels of dry matter content -Moderately tolerant to SPVD |
| 28. NAMNYEKER A | NAMNYEKE RA | 2015 | | | | | | | | -Yellow-fleshed with moderately resistance to weevil attack due to its deep rooting characteristics -Resistance to alternaria |
| 29.Silklow 6 | Silklow 6 | 2019 | | KALRO | KALRO-KATUMANI | Altitude: 1200-1800 masl, Examples: Bungoma, Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu, Meru, Nyeri, Muranga,Taita Taveta-Wundanyi, Machakos | 150 Days | 14-18 | | -Resistance to pests; resistance to potato weevils -Resistance to diseases; potato diseases -Tolerant to virus disease, -Has moderate tolerance to low cool temperature, |

| | | | | | | | | | | |
|------------|--------------|------|--|-------|----------------|---|----------|--------|--|--|
| | | | | | | | | | | <ul style="list-style-type: none"> -Flesh color Orange (29A/23) (CIP color chart), -β-carotene 4800 µg/100g fwb content, -Taste is sweet |
| 30.Shock 5 | Shock 5 | 2019 | | KALRO | KALRO-KATUMANI | Altitude: 1200-1800 masl, Examples:Bungoma,Kakmega Homabay , Kisii Tharaka Nithi,Kiambu, Embu, Meru, Nyeri, Muranga,Taita Taveta-Wundanyi, Machakos | 150 Days | 17-Nov | | <ul style="list-style-type: none"> -Dual purpose variety -Resistance to pests; resistance to potato weevils -Resistance to diseases; potato deseases -Tolerant to virus disease -Has moderate tolerance to low cool temperature -Dry matter 25.8% -Flesh colour cream yellow -(9D/3) (CIP colour chart), β-carotene 1500 µg/100g fwb content -Taste is sweet |
| | Kyembadula 6 | 2019 | | KALRO | | Altitude: 1200-1800 maslExamples:Bungoma,Kak | 150 Days | 16-Oct | | <ul style="list-style-type: none"> -Resistance to pests; |

| | | | | | | | | | | |
|-------------------|-------|------|--|-------|-----------------|--|----------------|--------|--|---|
| 31. Kyembadu la 6 | | | | | KALRO-KATUMA NI | mega Homabay , Kisii Tharaka Nithi, Kiambu, Embu, Meru, Nyeri, Muranga, Taita Taveta-Wundamyi, Machakos | | | | resistance to potato weevils -Resistance to diseases; potato deseases -Tolerant to virus disease -Has moderate tolerance to low cool temperature, § Shape Oblong, Skin colour cream -Dry matter 26.2%, Flesh colour yellow (12C/15) (CIP colour chart), β -carotene 1500 μ g/100g fwb content -Taste is sweet |
| 32. Irene | Irene | 2019 | | KALRO | KALRO-KATUMA NI | Altitude: 1200-1800 masl, Examples: Bungoma, Kak mega Homabay , Kisii Tharaka Nithi, Kiambu, Embu, Meru, Nyeri, Muranga, Taita Taveta-Wundamyi, Machakos | 120 - 150 Days | 15-Sep | | -Resistance to pests; resistance to potato weevils -Resistance to diseases; potato deseases -Tolerant to virus disease -Shape Oblong -Skin colour Purple red, |

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | Dry matter 28.8% -Flesh colour Orange with yellow -(28 C:18B) (CIP colour chart), -β-carotene 8300 μg/100g fwb content, Taste is moderately sweet |
|--|--|--|--|--|--|--|--|--|--|--|--|

5. NATIONAL SUGARCANE VARIETY LIST

Species: *Saccharum officinarum*

| Variety name/code | Official Release name | Year of release in Kenya | Year of Release in other Countries | Owner(s) / Licensee | Maintainer and seedling source | Optimal production altitude range (Masl) | Duration to maturity (months) | Cane yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------------|--------------------------|------------------------------------|-------------------------|--------------------------------|--|-------------------------------|----------------------------------|--------------------------------------|
| 1. CO 421 | CO 421 | 1950's | | SBI India | KESREF | 1100-1600 | 20-22 | 80-120 | Wide adaptation |
| 2. CO 617 | CO 617 | 1950's | | SBI India | KESREF | 1100-1600 | 18-20 | 80-120 | Tolerant to stress |
| 3. EAK 69-47 | EAK 69-47 | 1960s | | EAC/KESREF (also in TZ) | KESREF | 1300-1600 | 20-22 | 80-110 | High cane yield |
| 4. EAK 70-97 | EAK 70-97 | 1970s | | EAC/KESREF (also in TZ) | KESREF | 1300-1600 | 18-20 | 95-120 | Smut tolerant |
| 5. EAK 71-402 | EAK 71-402 | 1970s | | EAC/KESREF (also in TZ) | KESREF | 1300-1600 | 20-22 | 80-115 | Tolerant to smut and mosaic |
| 6. CB 38-22 | CB 38-22 | 1998 | | Brazil | KESREF | 1300-1600 | 18-20 | 75-115 | Tolerant to smut and moisture stress |

| | | | | | | | | | |
|----------------|------------|------|-----|--|----------------|---------------------------------|--------------|--------------------------|---|
| 7. CO 1148 | CO 1148 | 1998 | | SBI India | KESREF | 1100-1600 | 20-22 | 90-130 | High yield |
| 8. N 14 | N 14 | 1998 | | SASA, South Africa | KESREF | 1100-1600 | 18-20 | 90-135 | High sucrose content |
| 9. KEN 82-401 | KEN 82-401 | 2002 | | KESREF | KESREF | 1100-1600 | 15-19 | 85-140 | High sucrose content |
| 10. KEN 82-737 | KEN 82-737 | 2002 | | KESREF | KESREF | 1100-1600 | 16-20 | 97-130 | Tolerant to smut |
| 11. KEN 82-472 | KEN 82-472 | 2007 | | KESREF | KESREF | 1200-1620 | 17-19 | 74-125 | Thick stalks, Good ratooner, Wide adaptability, Intermediate resistance to smut |
| 12. KEN 82-62 | KEN 82-62 | 2007 | | KESREF | KESREF | 1200-1620 | 17-20 | 66-135 | High sucrose content, Intermediate resistance to smut |
| 13. EAK 73-335 | EAK 73-335 | 2007 | | KESREF | KESREF | 1200-1620 | 18-20 | 89-176 | Intermediate resistance to smut |
| 14. D8484 | D8484 | 2007 | | Guyana Sugar Cooperative | KESREF | 1200-1620 | 14-16 | 108-145 | Resistant to smut |
| 15. KEN82-121* | KEN82-121* | 2011 | N/A | Kenya Sugar Research Foundation (KESREF) | KESREF | 1100 -1300 | 15-17 | 95-100 | Early maturity, High sucrose. |
| 16. KEN82-493* | KEN82-493* | 2011 | N/A | Kenya Sugar Research Foundation (KESREF) | KESREF | 1100-1300 | 15-17 | 95-100 | Early maturity, High cane yield, Heavy Tillering. |
| 17. KEN82-601* | KEN82-601* | 2011 | N/A | Kenya Sugar Research Foundation (KESREF) | KESREF | 1100-1300 | 15-17 | 95-100 | Early maturity, High sucrose, High cane yield. |
| 18. 98-367 | KEN 98-367 | 2014 | | KESREF | KESREF (KIBOS) | Nzioa, Mumias, Chemelil & Sony | 15-17 months | Sub- Humid-84, Humid-127 | Early Maturity, Sucrose content of 13% pol |
| 19. 98-530 | KEN 98-530 | 2014 | | KESREF | KESREF (KIBOS) | Kibos, Nzioa, Mumias & Muhoroni | 16-18 months | Sub- Humid 78, Humid 105 | High Sucrose content(13-14% pol) |

| | | | | | | | | | |
|-------------------|----------------|------|--|-----------|-------------------|--|-----------------|----------------------------------|---|
| 20. 98-533 | KEN 98-533 | 2014 | | KESREF | KESREF (KIBOS) | Kibos, Nzoia, Chemelil & Sony | 16-18 months | Sub- Humid 82, Humid 142 | Resistant to smut, High Sucrose content(13-15% pol) |
| 21. 98-551 | KEN 98-551 | 2014 | | KESREF | KESREF (KIBOS) | Kibos & Chemelil | 16-18 months | Sub- Humid 80, Humid 100 | High Sucrose content (15% pol) |
| 22. 00-13 | KEN 00-13 | 2014 | | KESREF | KESREF (KIBOS) | Sony, Muhoroni, Chemelil & Nzoia | 15-17 months | Sub- Humid 92, Humid 142 | Early maturity, High sucrose content(12-16% pol), High yields |
| 23. 00- 3548 | KEN 00-3548 | 2014 | | KESREF | KESREF (KIBOS) | Nzoia | 16-18 months | Sub- Humid 77, Humid 100 | Immune to Smut, High sucrose content(13% pol), Good Ratooning |
| 24. 00- 3811 | KEN 00-3811 | 2014 | | KESREF | KESREF (KIBOS) | Mumias & Sony | 16-18 months | Sub- Humid 90, Humid 133 | High yield, High sucrose content(13% pol) |
| 25. 00- 5873 | KEN 00-5873 | 2014 | | KESREF | KESREF (KIBOS) | Nzoia & Kibos | 16-18 months | Sub- Humid 87, Humid 105 | Immune to Smut Disease, Sucrose content of 12% pol |
| 26. KEN 82-808 | KEN 82-808 | 2002 | | KESREF | KESREF | 1100-1600 | 15-19 | 95-140 | Tolerant to stress |
| 27. KEN 82-247 | KEN 82-247 | 2002 | | KESREF | KESREF | 1100-1600 | 15-19 | 87-143 | Early maturity |
| 28. KEN 82-216 | KEN 82-216 | 2002 | | KESREF | KESREF | 1100-1600 | 15-19 | 95-153 | Early maturity |
| 29. KEN 82-219 | KEN 82-219 | 2002 | | KESREF | KESREF | 1100-1600 | 15-19 | 84-133 | High sucrose content |
| 30. CO 945 | CO 945 | 1998 | | SBI India | KESREF | 1300-1600 | 18-20 | 90-130 | High sucrose content |
| 31. 98-367 | KEN 98-367 | 2014 | | KESREF | KESREF (KIBOS) | Nzioa, Mumias, Chemelil & Sony | 15-17 months | Sub- Humid- 84, Humid- 127 | Early Maturity, Sucrose content of 13% pol |
| 32. 98-530 | KEN 98-530 | 2014 | | KESREF | KESREF (KIBOS) | Kibos, Nzioa, Mumias & Muhoroni | 16-18 months | Sub- Humid 78, Humid 105 | High Sucrose content(13-14% pol) |
| 33. 98-533 | KEN 98-533 | 2014 | | KESREF | KESREF (KIBOS) | Kibos, Nzoia, Chemelil & Sony | 16-18 months | Sub- Humid 82, Humid 142 | Resistant to smut, High Sucrose content(13-15% pol) |
| 34. 98-551 | KEN 98-551 | 2014 | | KESREF | KESREF (KIBOS) | Kibos & Chemelil | 16-18 months | Sub- Humid 80, Humid 100 | High Sucrose content (15% pol) |

| | | | | | | | | | |
|------------------|--------------|------|--|-------------|----------------|--|--|---------------------------|---|
| 35. 00-13 | KEN 00-13 | 2014 | | KESREF | KESREF (KIBOS) | Sony, Muhoroni, Chemelil & Nzoia | 15-17 months | Sub- Humid 92, Humid 142 | Early maturity, High sucrose content(12-16% pol), High yields |
| 36. 00-3548 | KEN 00-3548 | 2014 | | KESREF | KESREF (KIBOS) | Nzoia | 16-18 months | Sub- Humid 77, Humid 100 | Immune to Smut, High sucrose content(13% pol), Good Ratooning |
| 37. 00-3811 | KEN 00-3811 | 2014 | | KESREF | KESREF (KIBOS) | Mumias & Sony | 16-18 months | Sub- Humid 90, Humid 133 | High yield, High sucrose content(13% pol) |
| 38. 00-5873 | KEN 00-5873 | 2014 | | KESREF | KESREF (KIBOS) | Nzoia & Kibos | 16-18 months | Sub- Humid 87, Humid 105 | Immune to Smut Disease, Sucrose content of 12% pol |
| 39. 98-367 | KEN 98-367 | 2014 | | KESREF | KESREF (KIBOS) | Nzoia, Mumias, Chemelil & Sony | 15-17 months | Sub- Humid-84, Humid-127 | Early Maturity, Sucrose content of 13% pol |
| 40. KEN 95 - 378 | KEN 95 - 378 | 2022 | | KALRO - SRI | KALRO - SRI | Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony | 14 - 1 6 Months (Plant Crop), 12 - 15 Months (Ratoon Crop) | 110-115, (per crop cycle) | Early maturing, High pol% cane 12.5 – 13.8, Average fibre 16.4 %, Intermediate resistance to smut, Good ratooning ability, Wide adaptability, Tolerant to lodging, and abiotic stress |
| 41.KEN 95 - 593 | KEN 95 - 593 | 2022 | | KALRO - SRI | KALRO - SRI | Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony | 14 - 1 6 Months (Plant Crop), 12 - 15 Months (Ratoon Crop) | 80-100 (per crop cycle) | Early maturing, High Pol % cane 12 - 14.3, Fibre 16.1%, Good ratooning ability, Tolerant to lodging, and abiotic stress, Inter resistance to smut, Wide adaptability. |

| | | | | | | | | | |
|-----------------|--------------|------|--|-------------|-------------|--|--|--------------------------|--|
| 42.KEN 97 - 102 | KEN 97 - 102 | 2022 | | KALRO - SRI | KALRO - SRI | Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony | 14 - 1 6 Months (Plant Crop), 12 - 15 Months (Ratoon Crop) | 120-130 (per crop cycle) | High Pol % cane 12 - 14.1, Fibre 16.2%, Early maturing, Resistant to smut, Good ratooning ability, Easily detaching, Wide adaptability. |
| 43.KEN 97 - 131 | KEN 97 - 131 | 2022 | | KALRO - SRI | KALRO - SRI | Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony | 14 - 1 6 Months (Plant Crop), 12 - 15 Months (Ratoon Crop) | 110-115 (per crop cycle) | High pol % cane 12.3 - 14.0, Fibre 16.6%, Early maturing, Good ratooning ability, Tolerant to lodging, smut, mosaic and RSD, Easily detaching, Wide adaptability |
| 44.KEN 97 - 215 | KEN 97 - 215 | 2022 | | KALRO - SRI | KALRO - SRI | Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony | 14 - 1 6 Months (Plant Crop), 12 - 15 Months (Ratoon Crop) | 90-115 (per crop cycle) | High pol % cane 12 - 13.8, Fibre 16.4%, Early maturity, Easily detaching, Moderate ratooning ability, Tolerant to RSD and Mosaic |
| 45.KEN 97 - 317 | KEN 97 - 317 | 2022 | | KALRO - SRI | KALRO - SRI | Altitude:800-1500 masl (Highlands), 150-450 masl (Coastal), AEZ: | 14 - 1 6 Months (Plant Crop), 12 - 15 Months | 110-115 (per crop cycle) | High pol % cane 12.2 - 14.4, Fibre 16.1%, Early maturity, Moderate ratooning ability, Tolerant to mosaic and RSD, |

| | | | | | | | | | |
|--|--|--|--|--|--|---|---------------|--|--------------------------------------|
| | | | | | | Humid, Sub Humid and Semi Humid, Sites: Chemelil, Kibos, Kwale Muhoroni, Mumias, Nzoia, Mara and Sony | (Ratoon Crop) | | Wide adaptability, Easily detrashing |
|--|--|--|--|--|--|---|---------------|--|--------------------------------------|

6. NATIONAL CASSAVA VARIETY LIST

Species: *Manihot esculentum*

| Variety name/code | Year of release | Owner(s) | Maintainer | Optimal production altitude range (Masl) | Duration to maturity (months) | Root yield (t ha-1 y-1) | Special attributes |
|-------------------|-----------------|----------|---------------|--|-------------------------------|-------------------------|---|
| 1. Kaleso | 1969 | KARI | KARI-Mtwapa | 1-1500 | 18-Dec | 25-30 | Low cyanide |
| 2. Guzo | 1969 | KARI | KARI-Mtwapa | 1-700 | 15-Dec | 20-40 | Resistant to CMV |
| 3. 5543/156 | 1969 | KARI | KARI-Mtwapa | 1-500 | 15-Dec | 30-55 | High cyanide |
| 4. KME 1 | 2000 | KARI | KARI-Katamani | 250-1500 | 14-Dec | 20 | Low cyanide |
| 5. KME 61 | 2000 | KARI | KARI-Katamani | 250-1500 | 14 | 35 | Low cyanide Early maturity |
| 6. MUCERICERI | 2000 | KARI | KARI-Katamani | 250-1750 | 14-Dec | 20 | Low cyanide, Early maturity |
| 7. Shibe | 2008 | KARI | KARI | 15-1200 | 12-Aug | 70.1 | Resistant to CMV, Tolerant to CBSD, Straight stems ideal for intercropping |
| 8. Tajirika | 2008 | KARI | KARI | 15-1200 | 8 | 63.3 | Resistant to CMV, Tolerant to CBSD, Straight stems ideal for intercropping, |

| | | | | | | | | | |
|--------------|------|------|------------------|--|--------|------|----|--|--|
| | | | | | | | | | Straight stems ideal for intercropping |
| 9. Siri | 2008 | KARI | KARI | 15-1200 | 12-Aug | 57.7 | | | Resistant to CMV, Tolerant to CBSD, Very short, No branches |
| 10. Nzalauka | 2008 | KARI | KARI | 15-1200 | 8-Jun | 52.9 | | | Resistant to CMV, Tolerant to CBSD, Straight stems ideal for intercropping |
| 11. Karibuni | 2008 | KARI | KARI | 15-1200 | 12-Aug | 52.7 | | | High branching heights good for intercropping |
| 12. Karemba | 2008 | KARI | KARI | 15-1200 | 8 | 68.2 | | | Short with open structure |
| 13. Siri | 2008 | KARI | KARI | 15-1200 | 12-Aug | 57.7 | | | Resistant to CMV, Tolerant to CBSD, Very short, No branches |
| 14. Nzalauka | 2008 | KARI | KARI | 15-1200 | 8-Jun | 52.9 | | | Resistant to CMV, Tolerant to CBSD, Straight stems ideal for intercropping |
| 15. Karibuni | 2008 | KARI | KARI | 15-1200 | 12-Aug | 52.7 | | | High branching heights good for intercropping |
| 16. Karemba | 2008 | KARI | KARI | 15-1200 | 8 | 68.2 | | | Short with open structure |
| 17. KME2 | 2010 | KARI | KARI KATUMANI | Warm, Semi-arid areas, 200 – 2000 m.a.s.l., Sweet in Taita Taveta districts. It also yields well in all the semi-arid areas | 10-Aug | 45 | 30 | | Resistant to cassava mosaic disease, Early maturing, Low CNP, Sweet, Resistant to CMD, Poundable |
| 18. KME3 | 2010 | KARI | KARI KATUMANI | Warm, Semi-arid areas, 200 – 2000 m.a.s.l. Sweet in Lower Makeni, Kitui and Mwingi districts. It also yields well in all the semi arid areas | 10-Aug | 40 | 29 | | Resistant to cassava mosaic disease, Early maturing, Low CNP, Sweet, Resistant to CMD, Poundable |
| 19. KME4 | 2010 | KARI | KARI KATUMANI | Warm, Semi-arid areas, 200 – 2000 | 10-Aug | 38 | 33 | | Resistant to cassava mosaic disease, Early |

| | | | | | | | | |
|--|--|--|--|---|--|--|--|---|
| | | | | m.a.s.l. Sweet in upper makueni, machakos, Muranga South and Mbeere districts. It also yields well in all the semi arid areas | | | | maturing, Low CNP, Sweet, Resistant to CMD, Poundable |
|--|--|--|--|---|--|--|--|---|

7. NATIONAL IRISH POTATO VARIETY LIST

Species: *Solanum tuberosum* L.

a. Conventional Management

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Tuber yield (t ha ⁻¹) | Special attributes |
|-----------------------|-----------------|----------|----------------------------|--|-------------------------------|-----------------------------------|--|
| 1. Roslin Eburu (B53) | 1953 | KARI | KARI-Tigoni | 2000-2800 | 4 - 4.8 | 25-35 | Very good storability |
| 2. Dutch Robijn | 1960's | KARI | KARI-Tigoni | 1600-2600 | 5-Apr | 35-40 | Good storage and crisping quality |
| 3. Kerr's Pink | 1960's | KARI | KARI-Tigoni | 1400-2700 | 2-3 | 25-30 | Tolerant to drought, Good mashing and roasting quality |
| 4. Anett | 1972 | KARI | KARI-Tigoni | 1400-2400 | 2.5 - 3 | 30-35 | Fairly tolerant to late blight |
| 5. Desiree | 1972 | KARI | KARI-Tigoni | 1800-2600 | 4 - 4.8 | 35-40 | Good storage |
| 6. Kenya Baraka | 1973 | KARI | KARI-Tigoni | 1600-2700 | 2.6 - 4 | 30-35 | Fairly tolerant to drought, Good storage quality |
| 7. Roslin Tana | 1974 | KARI | KARI-Tigoni | 1800-2600 | 3-Feb | 35-45 | Good chipping quality |

| | | | | | | | |
|-------------------|------|----------|----------------------|-----------|---------|-------|---|
| 8. Roslin Bvumbwe | 1974 | KARI | KARI-Tigoni | 1800-2600 | 3-Feb | 35-45 | Good chipping quality |
| 9. Kenya Dhamana | 1988 | KARI | KARI-Tigoni | 1800-2600 | 3-Feb | 30-40 | Good mashing quality |
| 10. Kenya Chaguo | 1988 | KARI | KARI-Tigoni | 1800-2600 | 3-Feb | 30-40 | Good mashing quality |
| 11. Tigoni | 1998 | KARI | KARI-Tigoni (Limuru) | 1800-2600 | 3-4 | 35-45 | Good chipping, boiling & mashing quality, Tolerant to late blight |
| 12. Asante | 1998 | KARI | KARI-Tigoni | 1800-2600 | 3-4 | 35-45 | Good chipping, boiling and mashing quality, Fairly tolerant to late blight. |
| 13. Purple Gold. | 2010 | KARI/CIP | KARI-Tigoni/PQS | 1800-3000 | 4.0-4.5 | 20-35 | Round tubers, Dark purple skin colour, Shallow eye depth, White flesh colour, White flesh colour, Moderately resistant to late blight, Good storability/resistant to greening, High tuber uniformity (80%), Long dormancy, Very good crisping qualities, Also good for table , mashing and roasting |
| 14. Kenya Mpya. | 2010 | KARI/CIP | KARI-Tigoni/PQS | 1400-3000 | 3.0-3.5 | 35-45 | Oval /round tubers, Early tuberization: large size tubers, Cream white skin colour with pink eyes, Shallow eye depth, Cream white flesh colour, Resistant to late blight, Good storability, Short dormancy, Good for table ,chips and mashing, Wide adaptability |
| 15. Sherekea | 2010 | KARI/CIP | KARI-Tigoni/PQS | 1800-3000 | 3.5-4.0 | 40-50 | Oblong/round tubers, High number of tubers per plant, Red skin |

| | | | | | | | |
|---------------|------|--|-------------------------|---|-------|---------|--|
| | | | | | | | colour, Medium eye depth, Cream flesh colour, Highly resistant to late blight and viruses , Good storability, Intermediate dormancy, Good for table ,crisp and mashing |
| 16. Arnova | 2013 | Agrico U.A. | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 3-3.5 | 40 t | Skin colour yellow, Flesh colour yellow, Tuber shape oval-long, Drymatter content 18.2%. |
| 17.Arizona | 2013 | Agrico U.A. | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 3-3.5 | 45 t | Skin colour yellow, Flesh colour yellow, Tuber shape oval, Drymatter content 17.2%. |
| 18.Rudolph | 2013 | Agrico U.A. | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4 | 40 t | Skin colour red, Flesh colour is white, The tuber shape oval round, Dry matter content 20%. |
| 19.Connect | 2013 | Aardappelweek-en selectiebedrijf IJsselmeerpolder s BV | Den Hartigh BV | All Regions suitable for potato production | 3.5-4 | 40-60 t | Phytophthora resistant, No flowering, Not sensitive to day length, Short cooking time, Suitable to make home French fries. |
| 20.SARPO MIRA | 2014 | Danespo A/S | Africalla | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4 | 45 | Extreme good resistance to late blight in foliage and drought tolerance |
| 21.MANITOU | 2014 | Agrico U.A | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4 | 45 | Red skin, Crème flesh, Dry matter content 20%, Good resistance to scab, erwinia, and tuber blight, Suitable for home-made French fries, and fresh potatoes |
| 22.SAVIOLA | 2014 | Agrico U.A | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4 | 42.5 | Long oval-shaped big size tuber, High yielding medium early variety, White skin and crème |

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|----------------------------|------|--|-------------------------|---|-------------|-------|--|
| | | | | | | | flesh tubers, Fresh potatoes |
| 23. TOLUCA (AR97-1385) | 2014 | Agrico U.A. | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 120 days | 25-30 | Late blight resistance, High dry matter content, Suitable for French fries and crisps, Shallow eyes, Medium term storage, Excellent cooking quality- rather firm |
| 24. MAYAN GOLD | 2014 | Greenvale plc, Agree to not for profit release to Kenyan farmers | MMUST/KARI-Tigoni | Meru, Embu, Molo Mt. Elgon, Kiambu Njabin and other potato growing areas areas | 120 days | 20-30 | Tubers have smooth skin, yellow flesh, eyes medium depth, no skin pigment, Fairly resistant to late blight on foliage (phytophthora infestans) and powdery scab(spongospora subterranean), Fairly resistant to PVY and PLRV, Good cooking quality. |
| 25. CARUSO | 2014 | Saka-Ragis | Den Hartigh | Narok, Molo, Kibirichia, Tigoni, Timau and other potato growing areas | 90-100 days | 25-30 | High yielding crisping variety, low content of reducing sugars, round shape with shallow eyes, Resistant to PCN Ro1-4, High resistance to late blight, tuber blight, common scab and internal rust spot. |
| 26. DESTINY (SL99-4005) | 2015 | Agrico U.A | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 6 months | 50 | Multi-purpose, table, crisp. |
| 27. SHANGI | 2015 | KALRO | KALRO NPRC-TIGONI | Mid- to high altitude areas. (1500-2800 masl) of Nyandarua, Nakuru, Kiambu, Narok, Meru. | 3-4 months | 30-40 | Early maturity, Short dormancy, Highly prolific, Fast cooking, Versatile use i.e. can be used for domestic consumption and processing into chips and crisps. |

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|-------------------|------|--|-------------------------|---|--------------|---------|---|
| 28. RUMBA | 2015 | Owner-Böhm-nordkartoffel agrarproduktion; Licencee-Europlant Pflanzenzucht ; | Bioplant GmbH, GERMANY | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4- 5 months | 50 | Resistant to PCN, Resistance to common scab , spraing, mechanical damage |
| 29.CIP393077.159 | 2015 | CIP | CIP SSA & KALRO TIGONI | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 3-3.5 months | 17 t/ha | Moderate resistance to late blight, Resistance to Potato Leaf Roll Virus and Potato Virus-X |
| 30.CAROLUS | 2015 | AGRICO U.A | AGRICO EAST AFRICA LTD. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4 months | 18 t/ha | Table, French fries. |
| 31. LAURA | 2016 | Owner: BÖHM-NORDKARTOFFEL AGRARPRODUKTION GmbH & Co. Licensee EUROPLANT PFLANZENZUCHT GmbH | Bioplant GmbH, | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4-5 months | 15-19 | Processing variety: French Fries, Medium cooking (B), Short dormancy |
| 32. Lady Amarilla | 2016 | C. Meijer B.V. | C. Meijer B.V. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 3 months | 18-Dec | Processing, Long storage |
| 33.UNICA | 2016 | CIP | CIP & KALRO | Lowlands and highlands tropics, 1200-m asl | 80-90 DAYS | 40-45 | Resistance to PVX, PVY and PLRV, Moderately resistance to Root Knot Nematode, Good processing and also table variety, Moderately light chipping colour, Rich in vitamins C, Iron and Zinc |
| 34. Lenana | 2017 | CIP SSA | CIP SSA & KALRO | Upper Highlands to Upper Midland | 80-100 Days | 40-50 | Tolerant to; - Late Blight, Potato Virus X & Potato Leaf Roll Virus, Dry Matter 22%, Good for French Fries & crisps; |
| 35. Wanjiku | 2017 | CIP SSA | CIP SSA & KALRO | Upper Highlands to Upper Midland | 90-110 Days | 50-60 | Tolerant to; - Late Blight, Potato Virus X & |

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|--------------|------|-----------------------|----------------------------|--|-----------------|----------|---|
| | | | | | | | Extremely Tolerant to Potato Virus Y, Dry Matter 21%, Good for French Fries & crisps. |
| 36. Nyota | 2017 | CIP SSA | CIP SSA & KALRO | Upper Highlands to Upper Midland | 90-100 Days | 35-45 | Tolerant to Late Blight, Tolerant to heat, Dry Matter 20%, Table variety. |
| 37. Chulu | 2017 | CIP SSA | CIP SSA & KALRO | Upper Highlands, Upper Midland & parts of Lower midlands | 80-100 Days | 35-45 | Tolerant to; - Late Blight & Potato Virus X, Tolerant to heat, Dry Matter 24%, Table and processing variety. |
| 38. Acoustic | 2017 | C. Meijer BV | C. Meijer BV | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 120 days | 60 | Resistance toward late blight, wart disease fysio 1, Globodera rostochiensis pathotype 1 |
| 39. Rams | 2020 | Narayani Ramnathan | Narayani Ramnathan and ADC | Altitude: from 1000 to 3000 masl. AEZ: UH 2-3, UM 1-2, LH 1-2. Sites: Kajiado, Kiambu, Limuru, Molo, Timau, Kamae, Isinya, Cherangany, Nyandarua and Narok | 75-90 days | 25-30 | High Dry Matter content (24%), It is suitable for chips and Crips, Oil consumption is optimum, Outcome of crisp color will be whitish cream, It is the processing variety, Tolerant to blight and bacterial wilt, Good tuber setting. |
| 32. ELDO IP1 | 2023 | University of Eldoret | University of Eldoret | Altitude: from 2100 to 2700 masl. AEZ: UH 1-3, UM 1-3, LH 13. Sites: Marakwet, Laikipia, and Uasin Gishu Counties | 3 to 3.5 months | 20 to 30 | One month dormancy. White skin, White flesh, Early maturing, good for chopping |
| 33. ELDO IP2 | 2023 | University of Eldoret | University of Eldoret | Altitude: from 2300 to 3000 masl. AEZ: UH 1-3, UM 1-3, LH 13. Sites: Marakwet, Laikipia, and Uasin Gishu Counties | 4 to 4.5 months | 20 to 30 | Long dormancy. deep red skin, White flesh, good for table |

b. High Input Intensive Management

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Tuber yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------|-----------------------------------|------------------------------|---|-------------------------------|-----------------------------------|--|
| 1. MUSICA | 2014 | | C. Meijer BV | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4(120 days) | 60 | Resistance toward wart disease fysio 1, G. rostochiensis pathotype 1 and 2/3 and partial resistance towards G. pallida pathotype 2 |
| 2. ROYAL | 2014 | C. Meijer BV | Africalla | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4 | 60-80 | High dry matter content and low sugar content, very suitable for French fries (chips), Crisps, flakes and granulate |
| 3. JELLY | 2014 | Danespo A/S | EUROPLANT Pflanzenzucht GmbH | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 5(165 days) | 55 | Purpose: French Fries, ware potato, Medium cooking (B), Very low discoloration after boiling, Yellow skin, yellow flesh, Late blight, bacterial wilt, virus resistance, Good Drought and heat tolerance, Short dormancy, High marketable yields, Medium sized to large sized tubers, Uniform grading |
| 4. EL MUNDO | 2014 | Kartoffelzucht Böhm GmbH & Co. KG | Africalla | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | Medium to late | 80 | Drought tolerance, Late blight tolerance |
| 5. FALUKA | 2014 | KWS Potato B.V | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 3.5-4 | 42.5 | long shape Tubers, White skin with white flesh tubers, Utilization -Fresh potatoes |
| 6. MARKIES | 2014 | Agrico U.A | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4 | 40 | Long oval shape, White skin, crème flesh tubers, Strong canopy, Tolerant to drought |

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|--------------------------|------|--|---|---|------------|---------|--|
| | | | | | | | stress, High dry matter, good storability, Good for French fries, crisps, chips and fresh consumption, multipurpose variety |
| 7. SAGITTA | 2014 | HZPC Holland B.V. | HZPC Holland B.V., Field and in-vitro maintenance | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 120 days | 65-70 | Multi purpose variety: French Fries, Fresh, Crisps, Good dry matter content, Medium long dormancy, suitable for second crop, Medium early resistant to viruses and cyst nematodes |
| 8. DERBY | 2014 | HZPC Holland B.V. | HZPC Holland B.V., Field and in-vitro maintenance | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 100 days | 70-75 | Early maturing, Good resistance to Late Blight, Multi purpose variety: Crisps, French fries, fresh, Short dormancy, Good dry matter content, good scab and virus resistance, Resistant to cyst nematodes |
| 9. AMBITION(A R 96-0010) | 2014 | Agrico U.A. | Agrico East Africa Ltd. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 150 days | 65-70 | Good for French fries, Easy to grow. Vigorous plants, Large uniform oval/long big tubers, Shallow eyes, Moderate dry matter content, Good resistance to Fusarium, Erwinia, PotatoCyst Nematode Ro 1and 4, Yntn-virus |
| 10. TAURUS | 2015 | HZPC Holland B.V. The Netherlands | HZPC Holland B.V. department HZPC R&D | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4 months | 40 | Variety is suitable for processing, especially for the production of crisps. |
| 11. KURODA | 2015 | AGRICO U.A. | AGRICO EAST AFRICA LTD. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 6 months | 50 t/ha | Fresh table consumption |
| 12. ZAFIRA | 2015 | AGRICO U.A. | AGRICO EAST AFRICA LTD. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 6 months | 51 t/ha | Fresh table consumption |
| 13. MILVA | 2015 | Saatzucht Berding, Am Jadebusen36, D-26345 | EUROPLANT PFLANZENZUCHT GmbH, P.O. Box 13 80, D-21303 | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 3-4 months | 44 t/ha | Fresh market potato variety, Good resistance to Potato Cyst Nematode, late blight, Black legand common Scab |

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|----------------|------|-----------------------------------|--|---|-------------|-----------|--|
| | | Bockhorn-Petersgroden, GERMANY | Lüneburg, GERMANY | | | | |
| 14. CHALLENGER | 2015 | HZPC Holland B.V. The Netherlands | HZPC Holland B.V | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4.5 month | 42.4 t/ha | Very suitable for the processing industry (french fries) and fresh market, Good resistance to Alternaria and Common scab. |
| 15. EVORA | 2015 | HZPC Holland B.V. The Netherlands | HZPC Holland B.V | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 3.5-4 month | 46.4 t/ha | Fresh market variety, Early maturing, Big size tubers. |
| 16. PANAMERA | 2015 | HZPC Holland B.V. The Netherlands | HZPC Holland B.V | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4.5-5 month | 59.2 t/ha | Highly tolerant to climatic stress, Good Late blight and scab resistance, Good dry matter content, Fresh market variety |
| 17. RODEO | 2015 | HZPC Holland B.V. | HZPC Holland B.V | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4.5 month | 49.6 t/ha | Fresh market variety with good dry matter content, Moderate resistance to Common scab |
| 18. SIFRA | 2015 | HZPC Holland B.V. The Netherlands | HZPC Holland B.V | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4.5 month | 49.5 t/ha | Big size tubers, Resistant to cyst nematodes and Wart disease, Good resistance to Common scab, Good dry matter content, Fresh market variety |
| 19. VOYAGER | 2015 | HZPC Holland B.V. The Netherlands | HZPC Holland B.V | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. | 4.5 month | 49.5 t/ha | Good yield, good late blight resistance, Suitable for fresh market and French Fries, Good Common scab resistance. |
| 20. Farida | 2018 | HZPC Holland B.V. The Netherlands | HZPC Holland B.V. department HZPC R&D, The Netherlands | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4 months | 22 | Variety is suitable for fresh market, has a good consumption quality, Variety has a good resistance to Alternaria Common scab and Late Blight. |
| 21. Rock | 2018 | C. Meijer BV | C. Meijer BV | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4 months | 18 | Resistance toward wart disease fysio 1, G. rostochiensis pathotype 1 and pathotype 2/3, Resistance toward G. Pallida fysio 2. |

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|------------------|------|---|---|--|-------------|-------|--|
| 22. Lady Terra | 2018 | C. Meijer BV | C. Meijer BV | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4 months | 23 | Resistance toward wart disease fysio 1 and G. rostochiensis pathotype 1. |
| 23. ZARINA | 2018 | IPR B.V. | IPR B.V. | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production | 4 months | 45 | Variety is suitable for fresh market, Has a good consumption quality, Also suitable for home &, fries, Variety has an attractive skin and regular shape |
| 24. Lady Balfour | 2019 | James Hutton Ltd | Greenvale AP | Altitude: 1800-2600 masl, Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha | 90-120 Days | 53-74 | Table variety; grown as organic in UK (low input variety), Exceptional vigour under low fertility, Highly resistant to late blight, powdery scab, blackleg and potato virus Y, Moderately drought tolerant |
| 25. Gemson | 2019 | James Hutton Ltd | Grampian Growers | Altitude: 1800-2600 masl Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha | 100 Days | 42-48 | Table, salad variety, consistently produces white flesh tubers, resistant to potato leaf roll virus and blackleg |
| 26. Sorrento | 2019 | James Hutton Ltd | Greenvale AP | Altitude: 1800-2600 masl Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha | 90-120 Days | 41-53 | Table and chipping variety, Good resistance to late blight and powdery scab, moderately drought tolerant |
| 27. Reiver | 2019 | James Hutton Ltd | SASA | Altitude: 1800-2600 masl Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha | 90-120 Days | 46-49 | Resistant to PCN (G rostochiensis), and tuber blemish diseases |
| 28. Cara | 2019 | Irish Potato Marketing | Irish Potato Marketing | Altitude: 1800-2600 masl Examples: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha | 90-120 Days | 47-64 | All rounder including chips, Resistant to PCN (G rostochiensis), late blight, blackleg and potato virus Y, Moderately drought tolerant |
| 29. Java | 2021 | Owner: Teagasc, Global Licensee: IPM Potato, Group Limited, Sub-licensee, | SASA — Edinburgh, Edinburgh, Edinburgh, Edinburgh, Edinburgh, Edinburgh | Altitude:1000 — 3000 m.a.s.1, AEZ: UH 1-3, LH-1-3, UM1-3 Sites: Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Kirinyaga, West Pokot, Trans Nzoia, Bungoma, Uasin Gishu, Nyeri, Elgeyo-Marakwet | 110 days | 40-50 | Very high resistance to Phytophthora, Suitable for making, Suitable for long storage, Resistant to tuber blight, foliage blight, common |

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|-------------|------|--|---|---|--------------------|----------|---|
| | | Kenya: Kirinyaga Seeds Limited | | | | | |
| 30. Buffalo | 2023 | Teagasc Global licensee: IPM Potato Group Ltd Sub - licensee Kenya:Kirinyag a seeds Ltd | SASA Edinburgh,scotland , UK Stokman Rozen,Naivasha, Kenya | Altitude: from1000 to 3000 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Nyandarua, Meru, Bomet, Narok,Nakuru,Kericho,Laikipia, Kiambu, Kirinyaga, West Pokot, Trans nzoia, Bungoma, Uasin Gishu, Nyeri, Elgeyo-Marakwet | 100 to 110 days | 30 to 50 | Table market variety with large round tubers and attractive skin finish, suitable for cooking in, Good for storage |
| 31.Maverick | 2023 | Teagasc Global licensee: IPM Potato Group Ltd Sub - licensee Kenya:Kirinyag a seeds Ltd | SASA Edinburgh,scotland , UK Stokman Rozen,Naivasha, Kenya | Altitude: from1000 to 3000 masl. AEZ: UH 1-3,UM 1-3, LH 13. Sites:Nyandarua, Meru, Bomet, Narok,Nakuru,Kericho,Laikipia, Kiambu, Kirinyaga, West Pokot, Trans nzoia, Bungoma, Uasin Gishu, Nyeri, Elgeyo-Marakwet | 90-100 Days | 30 to 50 | Suitable for french fries |

8. NATIONAL MAIZE VARIETY LIST

Species: Zea mays L.

| Variety name/code | Official Release Name | Year of release in Kenya | Year of Release in Other Countries | Owner(s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Durati on to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------------|--------------------------|------------------------------------|---------------------|----------------------------|--|--------------------------------|-----------------------------------|--------------------|
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|------------|--------|------|--|-------------------------|-------------------------------|-------------|--------|----------|---|
| 1. H512 | H512 | 1970 | | Kenya Seed Co/KARI. | Kenya Seed Co/KARI. | 1200-1600 | 5 to 4 | 7 to 5 | Large kernels |
| 2. CCM | CCM | 1974 | | Kenya Seed Co/KARI | Kenya Seed Co. Ltd | 1-1200 | 5 to 4 | 7 to 5 | Heat tolerant |
| 3. H625 | H625 | 1981 | | KARI/Kenya Seed Co. | Kenya Seed Co/KARI | 1500-2100 | 8 to 6 | 10 to 8 | Prolific Good husk cover |
| 4. H614D | H614D | 1986 | | Kenya Seed Co/ KARI | Kenya Seed Co. Ltd /K.A.R.I.- | 1500-2100 | 9 to 6 | 10 to 8 | Stable over locations and seasons Semi flint |
| 5. H611D | H611D | 1986 | | KARI/Kenya Seed Company | KARI/Kenya Seed Company | 1700-2400 | 9 to 6 | 7.8 | Frost tolerant |
| 6. H612D | H612D | 1986 | | KARI/Kenya Seed Company | KARI/Kenya Seed Company | 1500-2100 | 8 to 6 | 7.8 | Semi flint |
| 7. H613D | H613D | 1986 | | KARI/Kenya Seed Company | KARI/Kenya Seed Company | 1500-2100 | 8 to 6 | 10 to 8 | Semi flint |
| 8. H632 | H632 | 1964 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1200-1700 | 7 to 5 | 8 to 6 | Large kernels Dent |
| 9. H622 | H622 | 1965 | | Kenya Seed Co/KARI | Kenya Seed Co/KARI. | 1200 - 1700 | 7 to 5 | 8 to 6 | Large kernels Dent |
| 10. H511 | H511 | 1967 | | Kenya Seed Co/KARI | Kenya Seed Co/KARI. | 1000 - 1500 | 5 to 4 | 6 to 4 | Medium maturity |
| 11. KAT CB | KAT CB | 1967 | | Kenya Seed Co/KARI | Kenya Seed Co/KARI. | 900-1350 | 4 to 3 | 5 to 3 | Early maturing |
| 12. H6211 | H6211 | 2001 | | Kenya Seed Co | Kenya Seed Co. | 1500-2100 | 8 to 6 | 14 to 9 | Early, Short Semi flint |
| 13. H6212 | H6212 | 2001 | | Kenya Seed Co. | Kenya Seed Co. | 1500-2100 | 8 to 6 | 15 to 10 | Short, semi flint Resistant to ear rot |
| 14. FS650 | FS650 | 2001 | | OCD (Faida Seeds) | OCD (Faida Seeds) | 1500-2200 | 7 to 5 | 9 to 8 | Tolerant to maize streak virus Good yielder Flint kernels |

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|--------------------------|----------------------|------|--|---------------------------|---------------------|------------|--------|--------|--|
| 15. KH634A | KH634A | 2001 | | KARI | KARI Kakamega | 1400-1800 | 5 to 3 | 6 to 5 | Resistant to blight, Grey leaf spot |
| 16. KH600-15A | KH600-15A | 2001 | | KARI | KARI-Kitale | 1800-2500 | 8 to 6 | 8 to 7 | Good stand ability |
| 17. KH600-16A | KH600-16A | 2001 | | KARI-Kitale | KARI-Kitale | 1800-2500 | 8 to 6 | 8 to 7 | Stable Good standability |
| 18. PAN 99 | PAN 99 | 2001 | | Pannar Seed Co. | Pannar Seed (K) | 1000-2000 | 6 to 5 | 8 to 7 | Grey leaf spot tolerant, Drought tolerant |
| 19. PAN 5243 | PAN 5243 | 2001 | | Pannar Seed Company (S.A) | Pannar Seed (K) Ltd | 800-1800 | 5 to 4 | 8 to 7 | Tolerant to grey leaf spot and northern leaf blight Prolific |
| 20. PAN 67 | PAN 67 | 2001 | | Pannar Seed Company (S.A) | Pannar Seed (K) Ltd | 800 - 1600 | 5 to 4 | 6 to 5 | Resistant to maize streak virus, Tolerant to low soil nitrogen |
| 21. H516 | H516 | 2001 | | Kenya Seed Co. | Kenya Seed Co. | 1200-1500 | 5 to 4 | 9 to 7 | Resistant to blight, rust and lodging |
| 22. DH04 | DH04 | 2001 | | Kenya Seed Co. | Kenya Seed Co. | 900 - 1500 | 4 to 3 | 6 to 5 | Short stature |
| 23. DH05 | DH05 | 2001 | | Kenya Seed Co. | Kenya Seed Co. | 900 - 1500 | 4 to 3 | 7 to 5 | High yielding and early maturing |
| 24. PAN 691 | PAN 691 | 2001 | | Pannar Seed Ltd | Pannar Seed (K) Ltd | 1700-2400 | 9 to 6 | 8 to 7 | Grey leaf spot tolerant, Good standability Low ear placement |
| 25. Maseno Double Cobber | Maseno Double Cobber | 2002 | | Lagrotech Seed Co. | Lagrotech Seed Co. | 1000-1600 | 4 to 3 | 4-6.8 | Prolific-frequency of 30-80%), Flint kernels |

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|-----------------------|--------------------|------|--|-------------------------|--------------------------|-------------|--------|----------|--|
| 26. PHB30H83 | PHB30H83 | 2002 | | Pioneer Hibred Zimbabwe | Pioneer Hibred, Zimbabwe | 1000-2000 | 6 to 5 | 11 to 8 | Grey leaf spot tolerant, Ear rot resistance |
| 27. H6213 | H6213 | 2002 | | Kenya Seed Co. | Kenya Seed Co. | 1600-2200 | 8 to 6 | 15 to 10 | High yield, Drought tolerant |
| 28. 26 | H626 | 1989 | | Kenya Seed Co/ KARI | Kenya Seed Co/ KARI | 1500-2100 | 8 to 6 | 10 to 8 | Flint |
| 29. PH1(Pwani Hybrid) | PH1 (Pwani Hybrid) | 1989 | | Kenya Seed Co. | Kenya Seed Co. | 1-12000 | 4 to 3 | 7 to 5 | Tolerant to lodging/strong stalks, Drought tolerant |
| 30. DLC1 | DLC1 | 1989 | | Kenya Seed Co/ KARI | Kenya Seed Co/ KARI | 800-1200 | 3 to 2 | 4 to 2 | Flint Very early |
| 31. PAN 5195 | PAN 5195 | 1995 | | Pannar | Pannar Seeds (K) | 1000-1800 | 5 to 4 | 5-6.3 | Prolific, Tolerant to maize streak virus |
| 32. H627 | H627 | 1995 | | KSC/KARI. | KSC/KARI. | 1500-2100 | 8 to 6 | 12 to 9 | Semi-flint |
| 33. PH 4 | PH 4 | 1995 | | Kenya Seed Co. | Kenya Seed Co. | 1-1200 | 5 to 3 | 8 to 6 | Heat tolerant, Good standability, Partial MSV resistance |
| 34. DH01 | DH01 | 1995 | | Kenya Seed Co. | Kenya Seed Co. | 900-1400 | 4 to 3 | 6 to 4 | Early, stays green |
| 35. H513 | H513 | 1995 | | Kenya Seed Co. | Kenya Seed Co. | 1200-1600 | 5 to 4 | 8 to 6 | Good standability |
| 36. DH02 | DH02 | 1995 | | Kenya Seed Co. | Kenya Seed Co. | 900-1400 | 4 to 3 | 6 to 4 | Early, stays green |
| 37. PHB 3253 | PHB 3253 | 1996 | | Pioneer Hybrid | Pioneer Hybrid, Zimbabwe | 800-1800 | 5 to 4 | 9 to 7 | Wide adaptation, Good standability |
| 38. H623 | H623 | 1999 | | Kenya Seed Co. | Kenya Seed Co. | 1200-1700 | 7 to 5 | 9 to 7 | Prolific, Large dent kernels |
| 39. H628 | H628 | 1999 | | Kenya Seed Co. | Kenya Seed Co. | 1500 - 2100 | 8 to 6 | 12 to 9 | Flint |

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|----------------|------------|------|--|----------------------|----------------------|-----------|------------|---------|--|
| 40. KH600-11D | KH600-11D | 2000 | | KARI | KARI | 1500-1800 | 9 to 6 | 8 to 7 | Good standability, Stable performance |
| 41. KSTP 94 | KSTP 94 | 2000 | | KARI | KARI Kakamega | 1350-1800 | 4-Apr | 6 to 4 | Tolerant to Striga |
| 42. CG4141 | CG4141 | 2000 | | Monsanto | Monsanto (K) | 900-1700 | 5 to 4 | 7 to 4 | Earliness Fast dry down |
| 43. H629 | H629 | 2000 | | Kenya Seed Co. | Kenya Seed Co. | 1500-2100 | 8 to 6 | 11 to 9 | Semi dent |
| 44. DH03 | DH03 | 2000 | | Kenya Seed Co. | Kenya Seed Co. | 900-1500 | 4 to 3 | 6 to 5 | Stays green, Good standability |
| 45. C5051 | C5051 | 2000 | | Monsanto | Monsanto K. Ltd | 1000-1800 | 4-5 months | 8 to 5 | Moderately tolerant to maize streak virus, Easy to shell |
| 46. PAN 5355 | PAN 5355 | 2000 | | Pannar Seed | Pannar Seed (K) Ltd | 1000-1800 | 5 to 4 | 5-5.9 | Moderate MSV resistance |
| 47. H515 | H515 | 2000 | | Kenya Seed Co. | Kenya Seed Co. | 1200-1500 | 5 to 4 | 8 to 6 | Lodge resistant |
| 48. WH 699 | WH 699 | 2002 | | Western Seed Company | Western Seed Company | 1700-2200 | 8 to 6 | 9 to 7 | Tolerant to smut |
| 49. WH 904 | WH 904 | 2002 | | Western Seed Company | Western Seed Company | 1000-1700 | 6 to 5 | 9 to 6 | Tolerant to streak virus |
| 50. WS 909 | WS 909 | 2002 | | Western Seed Company | Western Seed Company | 0-1500 | 5 to 4 | 9 to 6 | Tolerant to striga |
| 51. H6213 | H6213 | 2002 | | Kenya Seed Company | Kenya Seed Company | 1600-2200 | 8 to 6 | 9 -14.5 | Semi flint |
| 52. H518 | H518 | 2002 | | Kenya Seed Company | Kenya Seed Company | 1400-1700 | 5 to 4 | 9 to 7 | Resistant to GLS, Rust, Blight |
| 53. KH 600-17A | KH 600-17A | 2002 | | KARI | KARI | 1600-2300 | 6 to 5 | 11 to 7 | Good standability |

| | | | | | | | | | |
|----------------|------------|------|--|----------------------|----------------------|-----------|---------|---------|--|
| 54. KH 600-18A | KH 600-18A | 2002 | | KARI | KARI | 1600-2300 | 6 to 5 | 12 to 8 | Good disease tolerance |
| 55. PAN 683 | PAN 683 | 2003 | | Pannar Seed Company | Pannar Seed Company | 2000 | 7 to 6 | 6.9 | Late maturity, Excellent standability, Excellent tip cover Resistant to grey leaf spot |
| 56. PAN 33 | PAN 33 | 2003 | | Pannar Seed Company | Pannar Seed Company | 800-1800 | 6 to 5 | 5.3 | High yielding |
| 57. WH 502 | WH 502 | 2003 | | Western Seed Company | Western Seed Company | 1000-1700 | 5 to 4 | 9 to 6 | Very tolerant to maize streak virus, Tolerant to grey leafspot, northern leafblight, Striga, drought and low soil nitrogen tolerant. |
| 58. WH 504 | WH 504 | 2003 | | Western Seed Company | Western Seed Company | 1000-2000 | 4.5-5.5 | 9 to 6 | Tolerant to maize streak virus, Grey leafspot and northern leaf blight, Green stems at harvest suitable for animal fodder, Tolerant to drought and low soil nitrogen |
| 57. WH 505 | WH 505 | 2003 | | Western Seed Company | Western Seed Company | 500-2100 | 4.5-5.5 | 9 to 6 | Tolerant to maize streak virus, Grey leafspot and |

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|------------|--------|------|--|----------------------|----------------------|-----------|--------|--------|--|
| | | | | | | | | | northern leaf blight, Green stems at harvest suitable for animal fodder, Tolerant low soil nitrogen |
| 58. WH 509 | WH 509 | 2003 | | Western Seed Company | Western Seed Company | 1000-1700 | 6 to 5 | 9 to 6 | Tolerant to maize streak virus, Grey leafspot and northern leaf blight, Tolerant to drought |
| 59. WH 403 | WH 403 | 2003 | | Western Seed Company | Western Seed Company | 1000-1500 | 4.5 | 8 to 5 | Tolerant to leaf diseases, Green stems at harvest suitable for animal fodder |
| 60. WS 102 | WS 102 | 2003 | | Western Seed Company | Western Seed Company | 0-1200 | 3-3.8 | 3 to 2 | Tolerant to maize streak virus, drought and low soil nitrogen |
| 61. WH501 | WH501 | 2003 | | Western Seed Company | Western Seed Company | 1300-1700 | 6 to 5 | 9 to 7 | Suitable for low input production, Tolerant to grey leafspot, maize streak virus and northern leafblight |
| 62. WH501 | WH501 | 2003 | | Western Seed Company | Western Seed Company | 1300-1700 | 6 to 5 | 9 to 7 | Suitable for low input production, Tolerant to grey leafspot, |

| | | | | | | | | | |
|------------|--------|------|--|----------------------|----------------------|-----------|--------|--------|--|
| | | | | | | | | | maize streak virus and northern leafblight |
| 63. WS 103 | WS 103 | 2003 | | Western Seed Company | Western Seed Company | 0-1500 | 4 to 3 | 4 to 3 | Tolerant to maize streak virus, grey leafspot, northern blight, drought and low soil nitrogen |
| 64. H519 | H519 | 2003 | | Kenya Seed Company | Kenya Seed Company | 1200-1700 | 5 to 4 | 6.5 | Prolific Resistant to ear rots, rust, grey leaf spot, northern leaf blight, stem and root lodging compared to H513; semi dent |
| 65. H520 | H520 | 2003 | | Kenya Seed Company | Kenya Seed Company | 1400-1700 | 5 to 4 | 4.5 | Better resistance to northern blight, rust, ear rot, stem and root lodging, Semi flint, Good husk cover |
| 66. H521 | H521 | 2003 | | Kenya Seed Company | Kenya Seed Company | 1000-1600 | 4-5.5 | 4.5 | More tolerant to grey leafspot, leafblight, root and stalk lodging than H513; semi dent |

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|---------------------|-----------------|------|--|-------------------------|-------------------------|------------|---------|--------|---|
| 67. H522 | H522 | 2003 | | Kenya Seed Company | Kenya Seed Company | 1200-1600 | 5 to 4 | 6.3 | Tolerant to grey leaf spot, Resistant to ear rot, root and stalk lodging, Semi dent |
| 68. H523 | H523 | 2003 | | Kenya Seed Company | Kenya Seed Company | 1200-1600 | 5 to 4 | 6.6 | Better yielding than H623, Tolerant to grey leafspot, Resistant to root and stalk lodging, Semi dent |
| 69. DH 8 | DH 8 | 2003 | | Kenya Seed Company | Kenya Seed Company | 900-1500 | 4 to 3 | 4.9 | Good performance in low yielding environments, Resistant to stalk lodging, root lodging and ear rots, Semi dent |
| 70. PHB 30G97 | PHB 30G97 | 2003 | | Pioneer Hibred Zimbabwe | Pioneer Hibred Zimbabwe | 1200-2000 | 5 to 4 | 9 to 6 | Resistant to grey leafspot, Resistant to ear rots, Tolerant to maize streak virus, Good grain quality, Best for mid – altitudes |
| 71. Lagrotech early | Lagrotech early | 2003 | | Lagrotech Seed Company | Lagrotech Seed Company | Below 1500 | 2.7-3.5 | 2.3 | Good ear cover, Early maturing, Striga tolerant, Drought escaping |

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|---------------|-----------|------|--|---------------------|---------------------|-----------|---------|---------|--|
| 72. Simba 61 | Simba 61 | 2003 | | AgriSeedCo Ltd | SEEDCO Zambia | 1800 | 4.5 | 10 to 7 | Tolerant to MSV and GLS |
| 73. DK 8071 | DK 8071 | 2003 | | Monsanto | Monsanto | 1500-1700 | 5 | 9 to 6 | Flint grain |
| 74. DK 8031 | DK 8031 | 2003 | | Monsanto | Monsanto | 900-1700 | 4 - 4.7 | 8 to 6 | GLS tolerant |
| 75. KSH6214 | KSH6214 | 2004 | | Kenya Seed Company | Kenya Seed Company | 1600-2100 | 7 to 6 | 12 to 9 | Tolerance to GLS, leaf blight, Lodging resistant, Early maturing |
| 76. KSH624 | KSH624 | 2004 | | Kenya Seed Company | Kenya Seed Company | 1500-1800 | 6 to 5 | 11 to 8 | Tolerance to GLS, leaf blight, rust, High yielding |
| 77. DH 10 | DH 10 | 2004 | | Kenya Seed Company | Kenya Seed Company | 800-1400 | 4 to 3 | 6 to 5 | Resistant to rust, ear rot and lodging, good husk cover, short stature |
| 78. DH 09 | DH 09 | 2004 | | Kenya Seed Company | Kenya Seed Company | 1000-1500 | 4 to 3 | 5 to 3 | Resistant to root and stalk lodging; good husk cover, High yielding |
| 79. PAN 15 | PAN 15 | 2004 | | Pannar Seed Company | Pannar Seed Company | 800-1800 | 5 to 4 | 6 to 4 | Resistant to blight, rust, MSV, GLS, Good husk cover and standability |
| 80. KH500-34A | KH500-34A | 2004 | | KARI | KARI Muguga | 1300-1800 | 6 to 5 | 8 to 6 | Early maturing, Resistant to rust, MSV, blight |
| 81. KK SYN-1 | KK SYN-1 | 2004 | | KARI | KARI | 1500-1800 | 4 to 3 | 5 to 4 | Wide adaptability, Responsive to low input environment, |

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|----------------|------------|------|--|----------------------|----------------------|-----------|--------|---------|---|
| | | | | | | | | | Resistant to MSV |
| 82. SC Duma 41 | SC Duma 41 | 2004 | | AgriSeedCo Ltd | SEEDCO Zambia | 800-1800 | 5 to 4 | 7 to 6 | Resistant to ear rot, rust, MSV, mottle virus, drought, Early maturity |
| 83. SC Duma 43 | SC Duma 43 | 2004 | | AgriSeedCo Ltd | SEEDCO Zambia | 800-1800 | 5 to 4 | 7 to 6 | Resistant to ear rot, rust, MSV, drought, Early maturity |
| 84. FICA 4 | FICA 4 | 2004 | | FICA seeds | FICA seeds | 800-1800 | 5 to 4 | 7 to 6 | Resistant to, rust, MSV, GLS, blight, good husk cover, drought, striga tolerant |
| 85. DKC 80-53 | DKC 80-53 | 2004 | | Monsanto (K) Ltd | Monsanto (K) Ltd | 900-1700 | 5 to 4 | 8 to 5 | Tolerance to GLS, MSV, Good standability, Wide adaptability, Prolific |
| 86. DKC 80-73 | DKC 80-73 | 2004 | | Monsanto (K) Ltd | Monsanto (K) Ltd | 1500-1700 | 6 to 5 | 10 to 7 | Tolerance to GLS, MSVt, Diplodia, Good husk cover |
| 87. DKC 80-33 | DKC 80-33 | 2004 | | Monsanto (K) Ltd | Monsanto (K) Ltd | 900-1700 | 6 to 5 | 8 to 6 | Resistant to GLS, Good standability |
| 88. WS 202 | WS 202 | 2004 | | Western Seed Company | Western Seed Company | 0-1500 | 4 to 3 | 5 to 3 | Resistant to MSV, drought, low soil nitrogen |
| 89. KH500-21A | KH500-21A | 2004 | | KARI | KARI Muguga | 1600-2000 | 6 to 5 | 8 to 7 | Good standability, Husk cover, Resistant to MSV, head |

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|------------------|--------------|------|--|------|--------------|-----------|--------|--------|---|
| | | | | | | | | | smut, Early maturing |
| 90. KH500-31A | KH500-31A | 2004 | | KARI | KARI Muguga | 1800-2100 | 7 to 6 | 7 to 6 | Resistant to, rust, MSV, blight, Stays green (for fodder) |
| 91. KH500-32A | KH500-32A | 2004 | | KARI | KARI Muguga | 1300-1800 | 6 to 5 | 8 to 6 | Resistant to blight, rust, MSV |
| 92. KH500-33A | KH500-33A | 2004 | | KARI | KARI Muguga | 1400-1800 | 6 to 5 | 7 | Resistant to blight |
| 93. KK SYN-2 | KK SYN-2 | 2004 | | KARI | KARI | 1500-1800 | 4 to 3 | 6 to 5 | Wide adaptability, Responsive to low input environment, Resistant to MSV |
| 94. KH 631Q | KH 631Q | 2004 | | KARI | KARI | 1000-1500 | 5 to 4 | 7 to 5 | Quality protein maize, good husk cover, resistant to GLS, ear rot, rust, blight |
| 95. EMB 204 | EMB 204 | 2004 | | KARI | KARI | 1000-1500 | 6 to 5 | 8 to 7 | Quality protein maize, good husk cover, resistant to GLS, ear rot, rust, blight |
| 96. Ua Kayongo 1 | Ua Kayongo 1 | 2004 | | KARI | Western Seed | 1200-1600 | 5 to 4 | 4 | Resistant to striga |
| 97. KH600-20A | KH600-20A | 2005 | | KARI | KARI Kitale | 1800-2300 | 6 to 5 | 9 to 8 | Good standability, Good resistance to blight |

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|-----------------------|-------------------|------|--|-----------------------|-----------------------|-----------|--------|---------|---|
| 98. PAN 4M-21 | PAN 4M-21 | 2005 | | Pannar Seed (PTY) Ltd | Pannar Seed (PTY) Ltd | 1000-1500 | 4 to 3 | 5 to 4 | Drought tolerant, Flint grain, Good husk cover, Double clobber |
| 99. SC Punda Milia 53 | SC Punda Milia 53 | 2005 | | AgriSeedCo Ltd | SEEDCO Zambia | 1800-1900 | 6 to 5 | 13 to 8 | Good standability, Tolerant to grey leaf spot, Tolerant to maize streak virus |
| 100. SC Simba 63 | SC Simba 63 | 2005 | | AgriSeedCo Ltd | SEEDCO Zambia | 1200-1800 | 5 to 4 | 10 to 5 | Drought tolerant, Tolerant to grey leaf spot, MSV, blight and ear rot |
| 101. PHB 30G19 | PHB 30G19 | 2006 | | Pioneer Hi-Bred Seeds | Pioneer Hi-Bred Seeds | 1000-1800 | 6 to 5 | 10 to 8 | Resistant to grey leaf spot, Low ear placement, Good husk cover and standability, Lodging resistant |
| 102. PHB 30V53 | PHB 30V53 | 2006 | | Pioneer Hi-Bred Seeds | Pioneer Hi-Bred Seeds | 1200-2000 | 6 to 5 | 11 to 8 | Resistant to grey leaf spot, Tolerant to maize streak virus Low ear placement, Good husk cover |
| 103. SC Tembo 73 | SC Tembo 73 | 2006 | | AgriSeedCo Ltd | SEEDCO Zambia | 1800-1900 | 6 to 5 | 12 to 8 | Good standability, Tolerant to grey leaf spot, Tolerant to |

| | | | | | | | | | |
|------------------------|-------------------|------|--|------------------|------------------|-----------|--------|---------|--|
| | | | | | | | | | maize streak virus |
| 104. SC Tembo 71 | SC Tembo 71 | 2006 | | AgriSeedCo Ltd | SEEDCO Zambia | 1800-1900 | 5-5.5 | 13 to 8 | Tolerant to GLS & MSV, Good standability |
| 105. SC Punda Milia 51 | SC Punda Milia 51 | 2006 | | AgriSeedCo Ltd | SEEDCO Zambia | 800-1600 | 4-4.5 | 8 to 6 | Tolerant to GLS & MSV, Good standability, wide adaptability |
| 106. WH 602 | WH 602 | 2006 | | Western Seed Co. | Western Seed Co. | | | | |
| 107. WH 101 | WH 101 | 2006 | | Western Seed Co. | Western Seed Co. | | | | |
| 108. WH 401 | WH 401 | 2006 | | Western Seed Co. | Western Seed Co. | | | | |
| 109. WH 402 | WH 402 | 2006 | | Western Seed Co. | Western Seed Co. | | | | |
| 110. WH 507 | WH 507 | 2006 | | Western Seed Co. | Western Seed Co. | | | | |
| 111. WH 508 | WH 508 | 2006 | | Western Seed Co. | Western Seed Co. | | | | |
| 112. DH 06 | DH 06 | 2007 | | Kenya Seed Co. | Kenya Seed Co. | 900-1500 | 4 to 3 | 4-6.5 | Good standability, good husk cover |
| 113. DH 11 | DH 11 | 2007 | | | | | | | |
| 114. DH 12 | DH 12 | 2007 | | Kenya Seed Co. | Kenya Seed Co. | 900-1400 | 4 to 3 | 6 to 4 | Tolerant to blight and rust, Resistant to stalk lodge, |
| 115. Ua Kayongo 2 | Ua Kayongo 2 | 2007 | | KARI | KARI Embu | 1000-1500 | 5 to 4 | 4.2 | Tolerant to herbicide for striga control, GLS and MSV, Drought |

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|-------------------|--------------|------|--|-----------------------|------------------|-----------|--------|---------|---|
| | | | | | | | | | tolerant, Good ear placement |
| 116. Ua Kayongo 3 | Ua Kayongo 3 | 2007 | | KARI | KARI Embu | 1000-1500 | 5 to 4 | 4.3 | Tolerant to herbicide for striga control, GLS and MSV, root and stalk lodging |
| 117. EV04271 | EV04271 | 2007 | | KARI | KARI | 1500-2100 | 5 to 4 | 4.5 | Resistant to rust, Good standability |
| 118. PH 5 | PH 5 | 2007 | | Kenya Seed Co. | Kenya Seed Co. | 0-1250 | 5 to 4 | 8 to 6 | Resistant to lodging, Ear rot and rust, Good husk cover, Good standability |
| 119. WS303 | WS303 | 2007 | | Western Seed Co. | Western Seed Co. | | | | |
| 120. PAN 4M-19 | PAN 4M-19 | 2008 | | Pannar Seed (PTY) Ltd | Pannar Seed Co | 900-1500 | 4 to 3 | 6 to 4 | Flint ,Drought tolerant, Prolific, Early maturing, Fast dry down, Good standability |
| 121. PAN 4M-17 | PAN 4M-17 | 2008 | | Pannar Seed (PTY) Ltd | Pannar Seed Co | 900-1500 | 4 to 3 | 6 to 4 | Flint, Drought tolerant, Early maturing |
| 122. PAN 69 | PAN 69 | 2008 | | Pannar Seed (PTY) Ltd | Pannar Seed Co | 1200-1700 | 5 to 4 | 10 to 7 | High yielding, Wide adaptability, Good standability, Tolerant to leaf diseases, |
| 123. PAN 57 | PAN 57 | 2008 | | Pannar Seed (PTY) Ltd | Pannar Seed Co | 1200-1700 | 5 to 4 | 8 to 6 | Flint,Tolerant to leaf diseases, |

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|-----------------|-----------|------|--|-----------------------|----------------|-----------|--------|---------|--|
| 124. PAN 7M-97 | PAN 7M-97 | 2008 | | Pannar Seed (PTY) Ltd | Pannar Seed Co | 1400-1700 | 5 to 4 | 10 to 7 | High yielding, Good standability, Prolific |
| 125. PAN 8M-91 | PAN 8M-91 | 2008 | | Pannar Seed (PTY) Ltd | Pannar Seed Co | 1400-2000 | 6 to 5 | 10 to 8 | Excellent GLS and rust tolerance, Good for silage, Prolific |
| 126. PAN 7M-89 | PAN 7M-89 | 2008 | | Pannar Seed (PTY) Ltd | Pannar Seed Co | 1400-2000 | 6 to 5 | 10 to 8 | High yielding, Tolerant to leaf diseases |
| 127. KH500-35E | KH500-35E | 2008 | | KARI | KARI | 1200-1600 | 5 to 4 | 7 | Resistant GLS, MSV, rust & blight, Staygreen, Good stalk for animal feed |
| 128. KH500-36E | KH500-36E | 2008 | | KARI | KARI | 1200-1800 | 5 to 4 | 7 | Resistant MSV, rust & blight, Flint |
| 129. KH500-37E | KH500-37E | 2008 | | KARI | KARI | 1200-1800 | 5 to 4 | 8 | Resistant MSV, rust & blight |
| 130. KH500-39E | KH500-39E | 2008 | | KARI | KARI | 1200-1800 | 5 to 4 | 9 to 8 | Resistant GLS & blight |
| 131. KEMBU 214 | KEMBU 214 | 2008 | | KARI | KARI | 1200-1600 | 5 to 4 | 7 | Tolerant to stem borers |
| 132. KH500-40E | KH500-40E | 2008 | | KARI | KARI | 1200-1800 | 5 to 4 | 7 | Resistant to insect, Tolerant to drought and low N |
| 133. MKH500-44A | KH500-44A | 2008 | | KARI | KARI | 1500-2100 | 5 to 4 | 6.95 | Tolerant to MSV, Early |
| 134. KH500-22A | KH500-22A | 2008 | | KARI | KARI | 1200-2100 | 5 to 4 | 6.9 | Tolerant to MSV, Early |
| 135. KH500-43A | KH500-43A | 2008 | | KARI | KARI | 1200-2100 | 5 to 4 | 6.5 | Tolerant to MSV, Double |

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|--------------------|---------------|------|--|------|------|-----------------------------|--------|-------|---|
| | | | | | | | | | cobber, High foliage (dual purpose) |
| 136. KK BS-04 | KK BS-04 | 2008 | | KARI | KARI | All striga infested regions | 5 to 4 | 5-5.5 | Tolerant to striga, drought & low N, Resistant to rust & GLS, Good standability |
| 137. KDH4 SBR | KDH4 SBR | 2008 | | KARI | KARI | | | 5.15 | Resistant to stem borers, Tolerant to drought & low N, |
| 138. KDH5 SBR | KDH5 SBR | 2008 | | KARI | KARI | | | 4.77 | Resistant to stem borers, Tolerant to drought & low N, |
| 139. KDH6 SBR | KDH6 SBR | 2008 | | KARI | KARI | | | 5.06 | Resistant to stem borers, Tolerant to drought & low N, |
| 140. KDH414-01 SBR | KDH414-01 SBR | 2008 | | KARI | KARI | | | 5.15 | Resistant to stem borers, Tolerant to drought & low N, |
| 141. KDH414-02 SBR | KDH414-02 SBR | 2008 | | KARI | KARI | | | 4.77 | Resistant to stem borers, Tolerant to drought & low N, |
| 142. KDH414-03 SBR | KDH414-03 SBR | 2008 | | KARI | KARI | | | 5.06 | Resistant to stem borers, Tolerant to drought & low N, |

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| 143. KH600-23A | KH600-23A | 2008 | | KARI | KARI | 1800-2500 | 6 to 5 | 8.6-14.8 | Resistant to GLS, rust & blight, Less lodging |
| 144. KH600-24A | KH600-24A | 2008 | | KARI | KARI | 1800-2500 | 6 to 5 | 8.6-14.8 | Resistant to GLS, rust & blight, Less lodging |
| 145. KH600-24A | KH600-24A | 2008 | | KARI | KARI | 1800-2500 | 6 to 5 | 8.7-14.9 | Resistant to GLS, rust & blight, Less lodging |
| 146. KS-DH14 | KS-DH14 | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 800-1300 | 3.5 - 4.5 | 5.0 - 6.5 | Drought tolerant, Lodging resistant, Stays green |
| 147. KS-H6216 | KS-H6216 | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 1500-2100 | 7 to 6 | 8.0 – 9.5 | Lodging resistant, Flint kernels |
| 148. KS-H524 | KS-H524 | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 1200-1500 | 5 to 4 | 7.5 - 8.5 | Resistant to rust, GLS & ear rot |
| 149. KS-H6217 | KS-H6217 | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 1500-2100 | 7 to 6 | 8.5 – 10 | Lodging resistant, Flint kernels |
| 150. KS-DH13 | KS-DH13 | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 800-1800 | 3.5 - 4.5 | 4.5 – 7.6 | Good husk cover, Drought tolerant, Resistant to Ear rot, GLS, blight & rust |
| 151. KS-H6502 | KS-H6502 | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 1300-1800 | 6 to 5 | 7.5 – 9.0 | Resistant to rust, Lodging resistant, Tolerant to GLS & blight, |
| 152. KS-H6503 | KS-H6503 | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 1300-1800 | 6 to 5 | 7.5 – 9.0 | Resistant to rust, Lodging |

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|-------------------|--------------|------|--|----------------------------|----------------------------|-------------|--------|---------|---|
| | | | | | | | | | resistant, Tolerant to GLS & blight, |
| 153. PHB 30D79 | PHB 30D79 | 2008 | | Pioneer Hi Bred Seeds | Pioneer Hi Bred Seeds | 1000-1800 | 6 to 5 | 11 to 7 | Good tolerance to blight & MSV, Resistant to GLS, Strong stalks |
| 154. WH002 | WH002 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 155. WS105 | WS105 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 156. WS202 | WS202 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 157. WH404 | WH404 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 158. WH301 | WH301 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 159. WH302 | WH302 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 160. WH405 | WH405 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 161. WH605 | WH605 | 2008 | | Western Seed Co. | Western Seed Co. | | | | |
| 162. WH601 | WH601 | 2009 | | Western Seed Co | Western Seed Co | 1500 – 2100 | 5 – 6 | 9 to 6 | Tolerant to GLS & blight, Lodging resistant, Good husk cover |
| 163. WS204 | WS204 | 2009 | | Western Seed Co | Western Seed Co | 800 – 1400 | 4 to 3 | 4 to 3 | Tolerant to GLS, MSV, blight, drought & Low nitrogen, Striga resistant |
| 164. PAN 697 | PAN 697 | 2010 | | Pannar Seed (Kenya) Ltd | Pannar Seed (Kenya) Ltd | 1500-2000 | 5-5.5 | 10 to 8 | Tolerant to leaf diseases especially msv, |

| | | | | | | | | | |
|----------------|-----------|------|--|-------------------------|-------------------------|-----------|--------|--------|---|
| | | | | | | | | | Good husk cover, Very attractive cobs. |
| 165. PAN 5M-35 | PAN 5M-35 | 2010 | | Pannar Seed (Kenya) Ltd | Pannar Seed (Kenya) Ltd | 1200-1700 | 4-4.5 | 8 to 7 | Double cobber, Good husk cover, Flint, Good on leaf diseases |
| 166. PAN 63 | PAN 63 | 2010 | | Pannar Seed (Kenya) Ltd | Pannar Seed (Kenya) Ltd | 1200-1700 | 4-4.5 | 8 to 7 | Prolific, Flint grained, Excellent tolerance to leaf diseases including MSV, Very good drought tolerance and adaptability, Very hard grain |
| 167. KH500-48A | KH500-48A | 2010 | | KARI | KARI-Muguga South | 1400-1800 | 5 to 4 | 7 to 6 | Resistant to MSV, GLS and Turcicum blight, Flint grains, Dual purpose (55% DM above commercial hybrids), Large cobs, Grown in moist medium altitude areas |
| 168. KH500-42A | KH500-42A | 2010 | | KARI | KARI-Muguga South | 1400-1800 | 5 to 4 | 7 to 6 | Resistant to MSV, GLS and Turcicum blight, Dual purpose(80% DM above commercial hybrids), Flint like – |

| | | | | | | | | | |
|----------------|-----------|------|--|----------------------|----------------------|--------------------------------------|------------|---------------|--|
| | | | | | | | | | intermediate grains, Large cobs, Grown in both moist medium and transitional altitude areas |
| 169. KH500-49A | KH500-49A | 2010 | | KARI | KARI-Muguga South | 1400-1800 | 5 to 4 | 7 to 6 | Resistant to MSV, GLS and Turcicum blight, Dual purpose (49% DM above commercial hybrids), Intermediate – dent grains, Medium size cobs, Grown in medium altitude transitional areas |
| 170. WH406 | WH406 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 1000 - 1700 | 6 to 5 | 6 - 8 tons/ha | V. good tolerance to MSV, GLS and Blight, Strong Green stem at harvest , use as cattle fodder |
| 171. WH003 | WH003 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 0 - 1000 | 4 to 3 | 5 tons/ha | V. good Tolerance to MSV/GLS, Good tolerance to Drought and low nitrogen |
| 172. Wh605 | Wh605 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | High potential zone 1500-2100m.a.s.l | 5-6 months | 6-9 tons/ha | Good tolerance to MSV, GLS and Blight, |

| | | | | | | | | | |
|------------|-------|------|--|----------------------|----------------------|---|----------------|--------------|---|
| | | | | | | | | | Strong Green stems at harvest us as cattle fodder, Good tolerance to low Nitrogen |
| 173. WH404 | WH404 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | Medium altitude zone, 1000-1700 m.a.s.l | 5-6 months | 6-8 tons/ha | V. good tolerance to MSV, GLS and blight, Strong Green stem at harvest used as cattle fodder. |
| 174. WH302 | WH302 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | Transitional and Early, Low potential zone 0-1500 m.a.s.l | 4-5 months | 4-6 tons/ha | V. good tolerance to MSV/GLS, Good tolerance to Drought and Low Nitrogen, Suitable for short 2nd season planting. |
| 175. WH602 | WH602 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | High potential zone 1500-2000 m.a.s.l | 5.5-6.5 months | 7-10 tons/ha | Tolerant to MSV, GLS and Rust, Tolerant to drought and Low nitrogen, Tolerant to lodging |
| 176. WH508 | WH508 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | Medium to High 1000-1700 m.a.s.l | 5-6 months | 6-9 tons/ha | Tolerant to MSV/GLS and Blight, Tolerant to Drought/Low Nitrogen, Strong ever Green stems at harvest |

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| 177. WH507 | WH507 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | Medium to High 1000-1700 m.a.s.l | 5-6 months | 6-9 tons/ha | Tolerant to MSV/GLS and Blight, Tolerant to Drought/Low Nitrogen, Strong ever Green stems at harvest |
| 178. WH401 | WH401 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | Medium potential zone 0-1500 m.a.s.l | 4-5 months | 5-7 tons/ha | Tolerant to MSV/GLS and Blight, Tolerant to Drought and Low Nitrogen. |
| 179. WH402 | WH402 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | Medium to Late 0-1700 m.a.s.l | 4.5 – 5.5 months | 5-8 tons/ha | Tolerant to MSV/GLS and Blight, Ever Green strong stem at harvest-suitable for fodder. |
| 180. WH301 | WH301 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 0-1500 m.a.s.l | 4-5.0 months | 4.6 tons/ha | Tolerant to MSV, GLS and Blight, Tolerant to Drought and Low Nitrogen, Particularly suitable for green maize |
| 181. WH202 | WH202 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | Low potential zones 0-1500 m.a.s.l | 4.0-5.0 months | 3-5 tons/ha | Tolerant to MSV, Drought and Low Nitrogen, Cheaper option for farmers and Good 2nd season crop in medium altitudes. |

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| 182. WH002 | WH002 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 0-1200 m.a.s.l Coast and Lowlands | 4.5-5.5 months | 5-7 tons/ha | Tolerant to MSV, GLS and Blight, Tolerant to Drought and Low Nitrogen, Suitable for 2nd season planting. |
| 183. WH101 | WH101 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 0-1500 m.a.s.l Lowlands and Transitional | 3.5-4.5 months | 4-5 tons/ha | Tolerant to MSV, GLS and Blight, Tolerant to Drought and Low Nitrogen, Suitable for 2nd season planting. |
| 184. WH 105 | WH 105 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 0-1500 m.a.s.l Lowlands and Transitional | 3.5-4.5 | 3-4 tons/ha | Tolerant to MSV, GLS and Blight, Tolerant to Drought and Low Nitrogen, Suitable for 2nd season planting. |
| 185. WSQ104 | WSQ104 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 0-1200 m.a.s.l Lowlands and Transitional | 3-3.5 months | 2-4 tons/ha | Quality protein maize (QPM), Tolerant to MSV, GLS and blight, Tolerant to Drought. |
| 186. WS 303 | WS 303 | 2010 | | Western Seed Co. Ltd | Western Seed Co. Ltd | 0-1500 m.a.s.l Low-Mid altitudes wet | 4-5 months | 6 tons/ha | Tolerant to MSC, GLS and Rust, Tolerant to drought and Low Nitrogen, Resistant to Striga |
| 187. KSH6219 | KSH6219 | 2010 | | Kenya Seed Co. Ltd | Kenya Seed Co. Ltd | 1500 - 2100 | 7 to 6 | 10 – 15.5 tons/ha | Resistant to grey leaf spot, Resistant to |

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| | | | | | | | | | both root and stem lodge, Big semi – flint kernels |
| 188. KSH527 | KSH527 | 2010 | | Kenya Seed Co. Ltd | Kenya Seed Co. Ltd | 1200 - 1500 | 5 to 4 | 8-10tons/ha | Resistant to Grey leaf Spot, Resistant to Blight, Resistant to rust |
| 189. KS-6505 | KS-6505 | 2010 | | Kenya Seed Co. Ltd | Kenya Seed Co. Ltd | 1350-1700 | 7 to 6 | 6-8 tons/ha | Resistant to grey leaf spot, Excellent husk cover, Flint kernels |
| 190. KS-6506 | KS-6506 | 2010 | | Kenya Seed Co. Ltd | Kenya Seed Co. Ltd | 1350-1700 | 6 to 5 | 7.5-10 tons/ha | Resistant to Grey leaf spot, Short and resistant to lodging |
| 191. EMB 0702 | KH523-1 LGB | 2011 | N/A | KARI-EMBU | KARI | 1200-1800 | 5 to 4 | 6 | Larger Grain Borer (LGB) And Maize Weevil Tolerant, (Post Harvest Insect Pests) Tolerant |
| 192. EMB 0703 | KH523-2 LGB | 2011 | N/A | KARI-EMBU | KARI | 1200-1800 | 5 to 4 | 5 | Stem Borer Resistant |
| 193. PEX 602 | PAN 7M-81 | 2011 | Zambia -2010, Zimbabwe-2010 | Pannar Seed (PTY) Ltd | Pannar Seed (PTY) Ltd | Growing areas:- Nyeri, Kirinyaga, Embu, Busia, Siaya, Meru | 4.0-4.5 | 7 to 6 | Excellent standability, Double cobber, Excellent stay green character |
| 194. PEX 702 | PAN 693 | 2011 | Zambia -2010, Zimbabwe-2010 | Pannar Seed (PTY) Ltd | Pannar Seed (PTY) Ltd | 1500-2000, Growing areas:-Mumias, Vihiga, Yala | 4.5-5.0 | 9 to 8 | Good on leaf diseases(blight , msv, GLS, rust), Big cobs/grains |

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| 195.PEX 703 | PAN 8M-93 | 2011 | Zambia -2009, Zimbabwe-2009 | Pannar Seed (PTY) Ltd | Pannar Seed (PTY) Ltd | 1700-2100, Growing areas: Bungoma, Webuye, Kakamega. | 5.0-5.5 | 10-Sep | Very good husk cover, Good on cob rots |
| 196.H2801 | KS-H6220 | 2011 | - | KSCo. | KSCo. | Recommended in high altitude areas 1500-2300 meters above sea level, where rain fall lasts 5-8 months, annual rainfall above 850mm | 6-8 months | - | A Double cross hybrid, High grain yield of 9.92% above the mean of checks (H614D, H6213, H628, H626 and H627), Resistant to ear-rots, Tolerant to leaf blight, rust and GLS. |
| 197.H28P1 | KS-PH7 | 2011 | - | KSCo. | KSCo. | Recommended to farmers in lowland zones 1-1200 meters above sea level. Fits bimodal rainfall pattern with about 650-800mm per season. | 4-5 months | - | A three-way cross hybrid, High grain yield of 11.91% above the mean of checks (KS-PH1, PH), Heat tolerant, Tolerant to leaf rust |
| 198.KATEH2007-3 | KH414-4 SBR | 2011 | N/A | KARI-KATUMANI | KARI | 900-1600 | 4 | 4 | Stem Borer Resistant |
| 199.SC05C8575 | SC Tembo 75 | 2012 | Zimbabwe 2009 | Agri Seed Co Ltd | Agri Seed Co Ltd | 1200 to 1800 (Kakamega region) | 5 months | 10 to 8 | Good standability, Intermediate to Semi dent, Aerial disease tolerance: GLS, HT, RUST, High |

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| | | | | | | | | | shelling percentage, Wide adaptability - Medium to late maturity, Good tip cover, Tolerance of cob diseases - Diplodia & fusarium, High yields - Average of 8-10 tonnes per Ha, MSV tolerance |
| 200.SC05C8480 | SC Simba 63 | 2012 | Zimbabwe 2009 | Agri Seed Co Ltd | Agri Seed Co Ltd | 900 to 1400 (Embu region) | 4 months | 10 to 7 | Good standability, Hard dent (Intermediate to Semi dent), Good tip cover, Mid plant cob placement; Aerial disease tolerance: GLS, HT, Rust, High shelling percentage; Good drought tolerance; Tolerance of cob diseases - diplodia & fusarium, High yields - Average of 7-9 tonnes per Ha; MSV tolerance |

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| 201.MTPEH2 00803 | KH125-01 SG | 2012 | | KARI | KARI Katumani | 15-1600 | 4 month s | 6.2 | Wide adaptation, Staygreen, High yield, resistance to GLS, MSV |
| 202.MTPEH2 00804 | KH125-02 MDR | 2012 | | KARI | KARI Katumani | 15-1000 | 4 month s | 6.4 | High yield, resistance to GLS, MSV |
| 203.MTPEH2 00805 | KH125-03 SG | 2012 | | KARI | KARI Katumani | 15-1000 | 4 month s | 6.1 | Drought Tolerant, High yield, resistance to GLS, MSV, Staygreen |
| 204.MTPEH 0701 | KH125-04 PhPR | 2012 | | KARI | KARI-Mtwapa | Coastal lowlands (0-1000) | 4-5 month s | 6 | Postharvest pest resistant (larger grain borer and maize weevil) |
| 205.MTPEH 0702 | KH125-05 PhPR | 2012 | | KARI | KARI-Mtwapa | Coastal lowlands (0-1000) | 4-5 month s | 5 | Postharvest pest resistant (larger grain borer and maize weevil) |
| 206.MTPEH 0703 | KH125-06 SBR | 2012 | | KARI | KARI-Mtwapa | Coastal lowlands (0-1000) | 4-5 month s | 6 | Stem borer resistant |
| 207.DKC90- 89 | DKC90- 89 | 2012 | | Monsanto (K) Limited | Monsanto Inc. | 900 -1700 | 3.5 - 4.5 month s | 10 to 7 | High stable yield, Profilic, Good standability, Good flint type quality grain |
| 208.ZE9071 | DKC90- 53 | 2012 | | Monsanto (K) Limited | Monsanto Inc. | 900-1800 | 4 -5 month s | 8 to 6 | GLS tolerant, Profilic, Exceptional grain quality (flint); yield |

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| | | | | | | | | | stability, Good standability |
| 209.PEX 501 | PAN 4M-15 | 2012 | | PANNAR | PANNAR | 1200-1700 | 4.0-4.5 months | 8 to 7 | Very good tolerance to leaf diseases-blight, gls, rust, msv, Tolerance to cob rots therefore more usable ears, Drought tolerant. |
| 210.PEX 704 | PAN 6M-55 | 2012 | | PANNAR | PANNAR | 1500-2000 | 4.5-5.0 months | 11 to 9 | Good husk cover, Excellent standability, Good tolerance to leaf diseases. |
| 211.X6C461 W | P2859W | 2012 | | Pioneer Seeds | Pioneer seed | 1000 - 1600 | 3- 4 months | 7 to 9 | Excellent resistance to gray leaf spot, Very good stability across environments, Good performance in drought conditions & low nitrogen environments, Improved standability |
| 212.X7A344 W | P3812W | 2012 | | Pioneer Seed | Pioneer Seed | 1200 - 1800 | 4.5 - 5 months | 11 to 9 | Very good tolerance to maize steak virus, Excellent resistance to gray leaf spot, |

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| | | | | | | | | | Improved yield and grain quality, Good standability |
| 213.KAT021-13-28 | MITUKI | 2012 | | KARI/DSL | Dryland Seed Ltd | Low land (0-1200 masl) | 2.5 months | 6 to 5 | Early/Drought Tolerant, Tolerant to GLS and MSV |
| 214.DH 902 | KS-DH15 | 2013 | | Kenya Seed Co. | Kenya Seed Co. | 1000-1500 m.a.s.l - Hill masses of Makueni , Kitui, Pokot, Perkerra, lower parts of central | 2.5-3 | 4-7 T/ha | A three- way cross hybrid, Early, high yielding, Drought tolerant, Resistant to GLS, blight and rust. |
| 215.KSDV08-2 | KSD-01 | 2013 | | Kenya Seed Co. | Kenya Seed Co. | 800-1300 m.a.s.l Arid and sem arid regions of eastern, central and Rift valley. | 3 to 2 | 4-6 T/ha | Open pollinated variety, Early,Drought, blight and gls tolerant. |
| 216.EASH902 | MH401 'TOSHEKA' | 2013 | | EAST AFRICAN SEED COMPANY | EAST AFRICAN SEED COMPANY | Machakos, Kitui, Mbeere, Ishiara, Mwea, Kibwezi, Taveta | 3-3.5 | 8 to 6 | Very Good GLS , MSV , Rust and Turcicum Leaf Blight resistant, Moisture stress (drought) tolerant, Low Uniform Cob Positioning (Ear Placement), Ear drooping when mature, White semi |

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| | | | | | | | | | dent grains (kernels), Stay Green Trait (Stover) |
| 217.Maseno EH11 | Maseno H1401 | 2013 | | Prof. Mathews Dida | Maseno University/Prof . Mathews Dida | 1200 - 1600 m | 4-4.5 | 12 to 8 | Tolerant to Maize Streak virus, Maize Mosaic Virus, Grey Leaf Spot, and Turcicum leaf blight. |
| 218.Maseno EH10 | Maseno H1402 | 2013 | | Prof. Mathews Dida | Maseno University/Prof . Mathews Dida | 1300 -1700 m | 4-4.5 | 11 to 8 | Resistant to Maize Streak Virus, Maize Mosaic Virus, Grey Leaf Spot, Turcicum leaf blight and tolerant to acid soils |
| 219. MU01-016 | KH500-39A | 2013 | | KARI | KARI-Muguga | Mid-High Altitude (1600-1800):Kakamega, Bungoma, Nandi, Trans Nzoia | 6 to 5 | 7 to 6 | Mid-late maturity, Resistant to MSV, GLS, Blight, Large sized cobs, Intermediate-sized, flinty, white grains. |
| 220 MU01-009 | KH500-40A | 2013 | | KARI | KARI-Muguga | Mid-High Altitude (1600-1800):Kakamega, Bungoma, Nandi, Trans Nzoia | 6 to 5 | 7 to 6 | Mid-late maturity, Resistant to MSV, GLS, Blight, Large sized cobs, Large-sized, white grains. |
| 221. MU01-104 | KH500-41A | 2013 | | KARI | KARI-Muguga | Medium Altitude (1400-1600):Embu, Kiambu, Nyeri, Meru, Bomet, Bungoma, Siaya, Busia | 5 to 4 | 6 to 5 | Medium maturity, |

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| | | | | | | | | | Resistant to MSV, GLS, Blight, Medium sized cobs, Intermediate-sized, white grains; Dual purpose (for food and feed). |
| 222. MU07-010 | KH500-50A | 2013 | | KARI | KARI-Muguga | Medium Altitude (1400-1600):Embu, Kiambu, Nyeri, Meru, Siaya, Bomet, Bungoma, | 5 to 4 | 7 to 6 | Medium maturity, Resistant to MSV, GLS, Blight, Medium-sized cobs, Intermediate-sized, flinty white grains. |
| 223. CKH110078 | WE1101 (Tumaini-1) | 2013 | | CIMMYT/KARI /AATF | CIMMYT-K / KARI-Katumani | Mid-altitude areas of E. and Western Kenya, Rift Valley, Lake Victoria Basin | 4.5 | 7.1 | Tolerant to drought; resistant to MSV, NCLB, and GLS diseases; |
| 224. SC727 | SC TEMBO 727 | 2013 | | Agri Seed Co Ltd | Agri Seed Co Ltd | 1200 to 1800 | 5 | 12 to 9 | Good standability, MSV tolerance, High shelling percentage |
| 225. 05C362 | SC Simba 65 | 2013 | | Agri Seed Co Ltd | Agri Seed Co Ltd | 900 to 1400 | 4 | 10 to 7 | Good standability, Hard dent (Intermediate to Semi dent), Air borne disease tolerance: GLS, HT, Rust, High shelling |

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| | | | | | | | | | percentage, MSV tolerance |
| 226. SC529 | SC Punda Milia 529 | 2013 | | Agri Seed Co Limited | Agri Seed Co Ltd | 600 to 1200 | 3.5 to 4 | 9 to 6 | Good tip cover, Tolerant to air borne diseases - GLS, HT, Rust |
| 227. 06C4100 | SC Duma 45 | 2013 | | Agri Seed Co Limited | Agri Seed Co Ltd | 400 to 1200 | 3 to 3.5 | 9 to 6 | Drought tolerance, Tolerant to air borne diseases - GLS, HT, Rust |
| 228. 07C3267 | SC Duma 47 | 2013 | | Agri Seed Co Limited | Agri Seed Co Ltd | 400 to 1200 | 3 to 3.5 | 9 to 6 | Drought tolerance, Tolerant to air borne diseases - GLS, HT, Rust |
| 229. CKIR04002 | PAMUKA 2 | 2014 | | KARI | KARI-Katumani | 1000 -1600 | 3.6 – 4.3 (110 – 130 days) | 3.5 – 5.0 | Open pollinated maize variety, Insect resistant to maize stem borers, Good standability, combines tolerance to drought and low soil nitrogen, Moderately resistant to maize streak virus (MSV), Turcicum leaf blight and Gray leaf spot (GLS) diseases, Has a good plant and ear aspect, Has flint to |

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| | | | | | | | | | intermediate grain texture |
| 230. CKIR04003 | PAMUKA 1 | 2014 | | KARI | KARI- Katumani | 1000 -1600 | 3.5-4.3 (105 – 130 days) | 4.5-6.5 | Open pollinated maize variety, Insect resistant to maize stem borers or stalkborer, Good standability, Combines tolerance to drought and low soil nitrogen, Moderately resistant to maize streak virus (MSV), Turcicum leaf blight and Gray leaf spot (GLS) diseases, Has a good plant and ear aspect, Has mainly flint grain texture, Has long ear peduncle |
| 231. 06C4106 | SC PUNDAMI LIA 55 | 2014 | | Agri Seed Co Ltd | Agri Seed Co Ltd | 1000-1400 | 4 to 3 | 9 to 6 | Highly tolerant to GLS, Highly tolerant to MSV, High shelling percentage, Good husk / tip cover, Moderately |

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| | | | | | | | | | tolerant to drought |
| 232. 06C4102 | SC Duma 49 | 2014 | | Agri Seed Co Ltd | Agri Seed Co Ltd | 800-1200 | 4 to 3 | 9 to 6 | Highly tolerant to drought, Highly tolerant to MSV, High shelling percentage, Highly tolerant to heat stress |
| 233. 07C2119 | SC Tembo 77 | 2014 | | Agri Seed Co Ltd | Agri Seed Co Ltd | 1200-1800 | 4.5-5.5 | 12 to 9 | Highly tolerant to GLS, Good husk / tip cover, Good standability hence reduced lodging, Uniform cob placement, High shelling percentage |
| 234. EASH906 | MH501 | 2014 | | East African Seed Company Limited | East African Seed Company Limited | | 135- 140 Days | 9 to 7 | Resistant to GLS (2), Rust (1), MSV (2) and TLB (1), White semi-dent grains, Uniform cob placement (Good for mechanized operations), Good milling quality, Strong stalks (Reduced lodging), Stay green trait (Stover), Ear |

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| | | | | | | | | | drooping when mature. |
| 235. 05C5561 | SC SIMBA 67 | 2014 | | SEED CO LTD | AGRI SEED CO (K) LTD. | | 4 – 4.5 Month s | 6 – 7 | Good tip cover, Tolerance of cob diseases - diplodia & fusarium, Good standability: this is as a result of short stature and strong roots of this variety, Moderately tolerant to drought |
| 236. 05C7 | SC TEMBO 79 | 2014 | | SEED CO LTD | AGRI SEED CO (K) LTD. | | 4.5 – 5.5 Month s | 8 – 10 | Good standability due to strong roots & stalks hence low lodging, Tolerant to Grey Leaf Spot and northern leaf Blight, Low and Uniform cob placement hence suitability for mechanized farming, High shelling percentage: Most of the cob is usable. |

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| 237. 04C3448 | SC DUMA 413 | 2014 | | SEED CO LTD | AGRI SEED CO (K) LTD. | | 3 - 3.5 Month s | 5 - 7 | Tolerant to drought and heat, Tolerant to MSV; Blight and GLS, High shelling percentage, Good tip cover, Good standability. |
| 238. DK6815 | DK6815 (EH6716) | 2014 | | Monsanto | Monsanto | | 3-4 month s | 8 to 6 | Yellow maize variety, Good standability, Early maturing, medium tall to short in stature, Low ear placement, Fixed girthy ear with very deep kernels and high number of kernel rows, Very well adapted to high plant density, Good heat stress tolerance. |
| 239. EH10273 | KH600-25 | 2015 | | KALRO | KALRO-Kitale | Mt. Elgon slopes, Trans-Nzoia, West Pokot, Uasin Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua, Kakamega, Nakuru, Bungoma, | 6-8 month s | 9.5- 13.0 | Well established roots, Strong stalks, Less rotting, Resistance to blight, rust and GLS, Tasty (Boiled or roast), Top |

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| | | | | | | | | | cross- hence wide genetic base |
| 240. EH10271 | KH600-26 | 2015 | | KALRO | KALRO-Kitale | Mt. Elgon slopes, Trans-Nzoia, West Pokot, Uasin Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua, Kakamega, Nakuru, Bungoma | 6-8 months | 10.85-14.5 | Well established roots, Strong stalks, Less rotting, Good husk cover, Resistance to blight, rust and GLS, Early maturity, Reduced ear height |
| 241. EH11271 | KH600-27 | 2015 | | KALRO | KALRO-Kitale | Mt. Elgon slopes, Trans-Nzoia, West Pokot, Uasin Gishu, Nandi, Greater Kericho, Nyeri, Laikipia, Nyandarua, Kakamega, Nakuru, Bungoma | 6-8 months | 10.9-14.8 | Well established roots, Strong stalks, Less rotting, Resistance to blight, rust and GLS, Drooping ears, Top cross- hence wide genetic base |
| 242. FRC 425IR | FRC 425IR | 2015 | | Freshco | Freshco/CIMM YT | Siaya, Homa Bay, Busia, Kisumu, Migori, parts of Kakamega and Bungoma that are infested with the striga weed. | 3-4 months | 6 to 5 | Resistant to Imazapyr herbicide that kills Striga weed therefore it is specially developed to be grown in striga weed prone areas, It is an early maturing variety. |

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| 243. KATEH2011-01 | KDH414-05 (Ukamez-1) | 2015 | | KALRO | KALRO-Katumani | 800-1600 Metres a.s.l, Dry Mid Altitude and Transitional maturity adaptation. | 3.6-4.5 months | 4.9-9.4 | Wide adaptation, Stay-green, Resistance to GLS, MSV, Good ear cover; good standability |
| 244. KATEH2011-04 | KDH414-06(Ukamez-2) | 2015 | | KALRO | KALRO-Katumani | 800-1600 Metres a.s.l: Dry Mid Altitude and Transitional and Drought-prone areas of Eastern Kenya. | 3.6-4.5 months | 4.5-7.0 | Single cross Hybrid, Wide adaptation, Stay-green, Resistance to GLS, MSV, Good ear cover, Good standability, Good plant and ear aspects |
| 245. KATEH2011-05 | KDH414-07(Ukamez-3) | 2015 | | KALRO | KALRO-Katumani | 800-1600 Metres a.s.l: Dry Mid Altitude and Transitional and Drought-prone areas of Eastern Kenya | 3.6-4.5 months | 4.4-9.3 | Drought tolerant, Three-way Hybrid, Resistance to GLS, MSV, Good ear cover, Good husk cover, Good plant and ear aspects |
| 246. KATEH2011-07 | KDH414-08 (Ukamez-4) | 2015 | | KALRO | KALRO-Katumani | 800-1600 Metres a.s.l: Dry Mid Altitude and Transitional and Drought-prone areas of Eastern Kenya | 3.6-4.5 months | 4.6-8.2 | Drought tolerant, Three-way Hybrid, Resistance to GLS, MSV, Good ear cover, Good husk cover, Good plant and ear aspects |

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| 247. KATEH2011-10 | KDH414-09 (Ukamez-5) | 2015 | | KALRO | KALRO-Katumani | 800-1600 Metres a.s.l.:Dry Mid Altitude and Transitional and Drought-prone areas of Eastern Kenya | 3.6-4.5 months | 3.5-5.0 | Drought tolerant, Three-way Hybrid, Resistance to GLS, MSV, Good ear cover, Good husk cover, Heat sensitive |
| 248. DSLH103 | SAWA | 2015 | | CIMMYT/DSL | Dryland Seed Ltd | transitional areas/Altitude 700-1400 m asl | 3.6-4 months | 8 to 6 | Drought tolerance, GLS & MSV resistant, Semi-dent white grain |
| 249. WE2106 | WE2106 | 2015 | | AATF/CIMMYT | KALRO/CIMMYT | Recommended for growing in the transitional region of lower and upper eastern, central and Nyanza regions | 4.5-5 months | 4.7-9.1 | Drought tolerant, Good husk cover, Resistant to GLS and northern Leaf bright, Resistant to Maize streak virus (MSV), Dent grain texture |
| 250. WE2110 | WE2110 | 2015 | | AATF/CIMMYT | KALRO/CIMMYT | Recommended for growing in the transitional region of lower and upper eastern, central and Nyanza regions | 4.5-5.0 months | 4.2-9.1 | Drought tolerant, Good husk cover, Resistant to GLS and northern Leaf bright, Resistant to Maize streak virus (MSV), Flint-like grain texture |

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| 251. WE2111 | WE2111 | 2015 | | AATF/CIMMY YT | KALRO/CIMMY T | Recommended for growing in the coastal region (Fundisa, Kikonni, Mariakani, Mpeketoni and Mtwapa) of Kenya | 4.5-5.0 month s | 4.7-8.7 | Drought tolerant, Good husk cover, Resistant to GLS and northern Leaf bright, Resistant to Maize streak virus (MSV), Dent grain texture |
| 252. WE2109 | WE2109 | 2015 | | AATF/IMMYT | KALRO/CIMMY T | Dry Mid altitude and transitional maturity adaptation. Recommended for growing in the coastal region (Fundisa, Kikonni, Mariakani, Mpeketoni and Mtwapa) of Kenya | 4.5 - 5.0 month s | 4.8-9.2 | Drought tolerant, Good husk cover, Resistant to GLS and northern Leaf bright, Resistant to Maize streak virus (MSV), Dent grain texture |
| 253. 10C3253 | SC Sungura 301 | 2015 | | AGRI SEED CO LIMITED | AGRI SEED CO LIMITED | Altitudes of between 300 – 1200 m.a.s.l e.g.; Makueni Machakos, Kitui, Thika, Meru, Embu, isiolo, Kisumu, Siaya, Busia, Homabay, Baringo e.t.c. | 3 month s | 4.8 t/ha | Ultra early, Good husk / tip cover hence reduced ear rots, GLS tolerance lodging, High shelling percentage |
| 254. PEX 4405 | PAN 3M- 01 | 2015 | | PANNAR SEED (PTY) LTD | PANNAR SEED (PTY)LTD | 900-1400 m ASL | 3-3.5 month s | 4.8 t/ha | Very early, good husk cover, good standability, flint, tolerant to leaf diseases. |

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| 255. PEX 5503 | PAN 6777 | 2015 | | PANNAR SEED (PTY) LTD | PANNAR SEED (PTY)LTD | 1200-1800m ASL | 4-5 months | 7.1t/ha | Good standability, double cobber, ear rot and rust tolerant, widely adaptable. |
| 256. MU07-018 | KH500-51A | 2015 | | KALRO | KALRO MUGUGA | Altitude:1400-1600 m ASL Embu, Kiambu, Nyeri, Meru, Bomet, Bungoma, Vihiga, Siaya | 5-6 months | 6.51 t/ha | MSV, blight and GLS resistant, flint like to intermediate grains, medium to large sized cobs, white grains |
| 257.EMB225 | K-BEST | 2015 | | KALRO | KALRO EMBU | Zones:UM1-UM4, Altitude:1000-1800 m ASL, Embu, Kirinyaga, Nyeri, Kakamega, Homabay, Kisii, Kiambu, Vihiga, Kwale, Meru | 3-4 months | 4.63 t/ha | Blight,rust, MSV resistant |
| 258. EMB226 | EMBU POA | 2015 | | KALRO | KALRO EMBU | Zones:(UM1-UM4), Altitude;1200-1800 m ASL, Embu, Kirinyaga, Nyeri, Kakamega, Homabay, Kisii, Kiambu | 3-4 months | 6.51 t/ha | Good husk cover, stay green characteristic and tolerant to blight |
| 259. MU08-005 | KH500-52A | 2015 | | KALRO | KALRO MUGUGA | Altitude:1200-1400 m ASL, Kangundo, Muranga, Thika, Mwea, Embu, Homa Bay, Bomet, Kirinyaga, Meru, Narok | 4-5 months | 4.39 t/ha | Early maturing, MSV, blight and GLS resistant, Drought tolerant, Flint like to intermediate grains, |
| 260. MU10-010 | KH500-53A | 2015 | | KALRO | KALRO MUGUGA | Altitude:1200-1400 m ASL, Kangundo, Muranga, Thika, Mwea, Embu, Homa Bay, Bomet, Meru, Kirinyaga, Narok | 4-5 months | 5.05 t/ha | Early maturing, MSV, blight and GLS resistant, Drought tolerant, Flint |

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|----------------|--------|------|--|-----------------|------------------|-----------------------------|-------------------|--------------|---|
| | | | | | | | | | like to intermediate grains, |
| 261. WE2101 | WE2101 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Mid altitude Areas of Kenya | 4.5 month s | 6.91 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 262. WE2104 | WE2104 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Mid altitude Areas of Kenya | 4.5 month s | 6.74 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 263. WE2107 | WE2107 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Mid altitude Areas of Kenya | 4.5 month s | 7.16 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 264. WE2108 | WE2108 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Mid altitude Areas of Kenya | 4.5 month s | 6.81 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk |

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| | | | | | | | | | cover and good plant and ear aspects |
| 265. WE3101 | WE3101 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Early to transitional areas | 4 month s | 5.37 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 266. WE3102 | WE3102 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Early to transitional areas | 4mont hs | 5.22 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 267. WE3104 | WE3104 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Transitional areas | 4 month s | 5.60 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 268. WE3105 | WE3105 | 2015 | | CIMMYT/AA TF | KALRO/CIMMY T | Coastal region of Kenya. | 4 month s | 6.31 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk |

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| | | | | | | | | | cover and good plant and ear aspects |
| 269. WE3106 | WE3106 | 2015 | | Monsanto/ATF | KALRO/CIMMYT | Early to transitional regions of kenya | 4 months | 3.28 t/ha | Resistant to gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 270. WE1203 | WM1203 | 2015 | | Monsanto/ATF | Monsanto | Mid - Altitude areas | 4 months | 6.63 t/ha | Good adaptability, excellent ear phenotype. |
| 271. WE1254 | WM1254 | 2015 | | Monsanto/ATF | Monsanto | Mid - Altitude areas | 4 months | 6.10 t/ha | Good adaptability, excellent ear phenotype. |
| 272. WE1259 | WM1259 | 2015 | | Monsanto/ATF | Monsanto | Mid - Altitude areas | 4 months | 6.60 t/ha | Good adaptability, excellent ear uniformity. |
| 273. WE3201 | WE3201 | 2015 | | Monsanto/ATF | Monsanto | Mid - Altitude areas | 4.5 months | 6.45 t/ha | Good adaptability, excellent ear uniformity. |
| 274. WE3202 | WE3202 | 2015 | | Monsanto/ATF | Monsanto | Mid - Altitude areas | 4 months | 5.63 t/ha | Good adaptability, ear uniformity. |
| 275. WA11523 | WKL523 | 2015 | | WAKALA AFRICA LTD | CIMMYT and WAKALA AFRICA LTD | Drylands and Transitional zones of Kenya; Kangundo, Kathiani, Mariakani, Mwea, Thigio, Thika, Homa Bay, Siaya, and Embu | 3.5 -4 months | 3.93 t/ha | Early maturing, semi-flint, tolerant to Maize rust, Grey Leaf Spot and Maize Blight |

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| 276. WE4108 | WE4108 | 2016 | | CIMMYT/ AATF | KALRO- Katumani | Recommended for growing in the dry transitional to dry-mid altitude regions of lower and upper eastern, Central, Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya | 3-4 month s | 4.3-5.3 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 277. WE4109 | WE4109 | 2016 | | CIMMYT/ AATF | KALRO- Katumani | Recommended for growing in the dry transitional to dry-mid altitude regions of lower and upper eastern, Central, Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya | 3-4 month s | 3.8-4.7 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 278. WE4104 | WE4104 | 2016 | | CIMMYT/ AATF | KALRO- Katumani | Recommended for growing in the moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 3-4.5 month s | 5.3-6.0 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak |

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| | | | | | | | | | virus, It has good husk cover and good plant and ear aspects |
| 279. WE4115 | WE4115 | 2016 | | CIMMYT/ AATF | KALRO- Katumani | Recommended for growing in the moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 3-4.5 months | 5.5-6.1 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 280. WE4117 | WE4117 | 2016 | | CIMMYT/ AATF | KALRO- Katumani | Recommended for growing in the moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya (Homabay) Kenya | 3-4.5 months | 5.4-6.5 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 281. WE3205 | WE3205 | 2016 | | Monsanto/ AATF | KALRO- Katumani | Recommended for growing in the moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya | 4-5 months | 6.3-6.5 | The hybrid is drought tolerant, resistant to major leaf |

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|----------------|--------|------|--|-------------------|--------------------|---|-------------------|---------|---|
| | | | | | | | | | diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects, High grain density and ear flex, Early maturing |
| 282. WE3210 | WE3210 | 2016 | | Monsanto/A ATF | KALRO- Katumani | Recommended for growing in the moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya | 4-5 month s | 6.1-7.7 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects, Excellent Standability |
| 283. WE4207 | WE4207 | 2016 | | Monsanto/A ATF | KALRO- Katumani | Recommended for growing in the moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya | 4-5 month s | 6.8-7.7 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and |

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| | | | | | | | | | maize streak virus, It has good husk cover and good plant and ear aspects, Excellent Standability |
| 284. WE4208 | WE4208 | 2016 | | Monsanto/A ATF | KALRO- Katumani | Recommended for growing in the moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya | 120- 150 days | 7.6-7.7 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects, Excellent Standability |
| 285. DK777 | DK777 | 2016 | | Monsanto Kenya limited | Monsanto Inc | Medium to Mid -high Altitude (1400 – 1800): Kakamega, Transoia, Nandi, Bugoma, Nyeri, Meru, Bomet, Njoro, Busia, Kiambu, siaya, Embu) | 4 – 5 month s | 8 to 5 | Highly prolific, Exceptional good grain texture (flint grain type) good for poundability, Tolerant to cercospora zea-maydis (Grey Leaf spot) and helminthosporium turcicum (leaf blight), |

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| | | | | | | | | | Tolerant to maize lethal necrosis (MLN) and resistant to Diplodia, Good standability and uniform cob placement |
| 286. ZG8781 | DKC81-81 | 2016 | | Monsanto Kenya Limited | Monsanto Inc | Medium Altitude (1400 – 1600): Embu, Kiambu, Nyeri, Meru, Bomet, Bungoma, Siaya, Busia) | 4-5 months | 7.6-8.0 | Very good tolerance to Maize streak virus, Moderate tolerance to Puccinia sorghii (common rust), Cercospora zea-maydis (Grey Leaf spot) and Helminthosporium turcicum (leaf blight), Highly prolific and good standability |
| 287. 07C2602 | SC Tembo711 | 2016 | | Seed Co Ltd | Agri Seed Co Ltd | 1200 to 1800 meters above sea level e.g. Kisii; Kericho; Bomet; Kakamega; Busia; Nakuru; Nyamira; Yala; Bungoma | 4.5 – 5.5 months | 7.5-9.3 | Helminthosporium turcicum blight tolerance, Grey Leaf Spot and Maize Streak Virus tolerance, High shelling percentage, Good husk / tip cover, Good |

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| | | | | | | | | | standability hence reduced lodging |
| 288. 00C4823 | SC Tembo 713 | 2016 | | Agri Seed Co Ltd | Agri Seed Co Ltd | 1400 to 2200 meters above sea level e.g. Kakamega; Bungoma; Transzoia; Nandi; Transmara; Kericho; Kisii; Bomet; Nakuru; Nyamira; Nyahururu and Narok | 5 – 6 months | 9.5-9.7 | Strong stalks & root system hence reduced lodging incidences, Good tip cover; hence low incidences of cob diseases, Grey Leaf Spot tolerance, Robust growth – provides opportunity for alternative use as fodder crop, Uniform mid-plant cob placement hence suitability for mechanized farming, Tolerant to MSV |
| 289. Maseno EH12 | Ocha Kayongo | 2016 | | Prof. Mathews Dida | Maseno University/Prof . Mathews Dida | Striga weed infested counties around Lake Victoria in Kenya of altitudes 1200 -1700 m | 4- 4.5 Months | 4.0-7.5 | Tolerant to Striga weed (S. hermomthica), Tolerant to Maize Streak virus, Turcicum leaf blight. |
| 290. Maseno EH14 | Ohingo Kayongo | 2016 | | Prof. Mathews Dida | Maseno University/Prof . Mathews Dida | Striga weed infested counties around Lake Victoria in Kenya of altitudes 1200 -1700 m | 4- 4.5 Months | 5.3-7.8 | Tolerant to Striga weed (S. hermomthica), |

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| | | | | | | | | | Tolerant to Maize Streak virus, Turcicum leaf blight. |
| 291. CKHRM1202 | PRESTIGE STRIGAWAY 01 | 2016 | | ELGON Seed Company | CIMMYT | Striga infested regions in Western Kenya such as Busia, Nyahera, Kibos, Alupe, Homabay, Luanda | 4-4.5 months | 5.2 | Herbicide (Imazapyr) resistant maize for control of Striga. |
| 292. CKHRM1204 | FH525-IR | 2016 | | FRESHCO Seed Company | CIMMYT | Striga infested regions in Western Kenya such as Busia, Nyahera, Kibos, Alupe, Homabay, Luanda | 4-4.5 months | 5.0-5.2 | Herbicide (Imazapyr) resistant maize for control of Striga. |
| 293. Maize Early | WE4140 | WE4140 | 2016 | CIMMYT/AATF | KALRO-Katumani/CIMMYT | For dry low and transitional to dry-mid altitude regions | 90-100 Days | 8 to 5 | The hybrid is early maturing, drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and plant and ear aspects |
| 294. Maize Early | WE4141 | WE4141 | 2016 | CIMMYT/AATF | KALRO-Katumani/CIMMYT | For dry low and transitional to dry-mid altitude regions | 90-100 Days | 8-Apr | The hybrid is early maturing, drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum |

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| | | | | | | | | | leaf blight and maize streak virus, It has good husk cover and plant and ear aspects |
| 295. Maize Early | WE4142 | WE4142 | 2016 | CIMMYT/AATF | KALRO-Katumani/CIMMYT | For dry low and transitional to dry-mid altitude regions | 90-100 Days | 9-May | The hybrid is early maturing, drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turicum leaf blight and maize streak virus, It has good husk cover and plant and ear aspects |
| 296. Maize Midlate | KM1201 | KKH635 | 2016 | KALRO | KALRO Kakamega | Medium to mid-Late (upper Midland AEZ) Altitude: 1600 to 1800m asl | 150-160 days | 11 to 9 | Resistant to blight and GLS |
| 297. Maize Early | X35F962W | P2809W | 2016 | Pioneer Hi-Bred Kenya | Pioneer Hi Bred Zimbabwe | Medium altitude areas, early to intermediate maturity .e.g. Machakos, Makeni, Embu, Meru, Kisumu, Busia, Migori , Muranga, etc | 105 – 115 days | 9 | Excellent grain texture (Flint), Stable hybrid, Good MSV tolerance, Good cob rot tolerance, Quick dry down |
| 298. Maize Transitional | MU10-233 | KH500-55A | 2016 | KALRO | KALRO Muguga | Moist -transition 1200-1600m asl | 90-120 | 7 to 6 | Early maturity, MSV and GLS Resistant, drought tolerant, flint |

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| | | | | | | | | | like to intermediate grains, medium sized cobs, white grains |
| 299. Maize Medium | MZ1202 | H 529 | 2016 | Kenya Seed Company | Kenya Seed Company | Medium AEZ'S 1200 -1500 masl | 130 – 145 days | 9 to 8 | Drought tolerance, MSV and foliar disease tolerance, Flint grains |
| 300. WE5117 | WE5117 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Dry transitional to dry-mid altitude regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, Mogotio, Rwika and Salama) Kenya | 105-125 days | 3.9-7.4 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 316.WE5120 | WE5120 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Dry transitional to dry-mid altitude regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, Mogotio, Rwika and Salama) Kenya | 105-125 days | 3.8-7.4 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and |

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| | | | | | | | | | good plant and ear aspects |
| 317.WE5107 | WE5107 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 3.7-7.2 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 318.WE5113 | WE5113 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 3.7-.7.3 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 319.WE5202 | WE5202 | 2017 | | Monsanto/ATF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 6.6-9.3 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum |

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| | | | | | | | | | leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 320.WE5206 | WE5206 | 2017 | | Monsanto/ATF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 7.9-10.0 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 321.WE5230 | WE5230 | 2017 | | Monsanto/ATF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 7.0-9.6 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 322.WE5227 | WE5227 | 2017 | | Monsanto/ATF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, | 105-130 days | 7.5-9.8 | The hybrid is drought tolerant, |

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| | | | | | | Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | | | resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 323.WE5218 | WE5218 | 2017 | | Monsanto/ATF | KALRO-Katamani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Nyanza (Homabay) Kenya | 105-130 days | 7.3-10.1 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 324.WE5215 | WE5215 | 2017 | | Monsanto/ATF | KALRO-Katamani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Homabay) Kenya | 105-130 days | 7.2-9.6 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and |

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| | | | | | | | | | good plant and ear aspects |
| 325.WE5213 | WE5213 | 2017 | | Monsanto/ATF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 7.5-9.6 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 326.WE5210 | WE5210 | 2017 | | Monsanto/ATF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 7.6-10.0 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 327.WE5205 | WE5205 | 2017 | | Monsanto/ATF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 7.4-9.6 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum |

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| | | | | | | | | | leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 328.WE4101 | WE4101 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya | 120-150 days | 5.3-7.5 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 329.WE4118 | WE4118 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya | 120-150 days | 4.8-7.0 | The hybrid is drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 330.WE4119 | WE4119 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist medium and moist mid-altitude regions of Eastern, Central and Rift valley (Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu) Kenya | 120-150 days | 4.8- 7.1 | Drought tolerant, resistant to |

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| | | | | | | | | | major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 331.WE5135 | WE5135 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 3.5 -7.1 | MLN tolerant with a score of 2.9, Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 332.WE5138 | WE5138 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 4.0-6.5 | Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 333.WE5139 | WE5139 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo,Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 3.5-6.4 | MLN tolerant with a score of 2.5, Drought tolerant, Resistant to major leaf diseases such |

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| | | | | | | | | | as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 334.WE5140 | WE5140 | 2017 | | CIMMYT/AA TF | KALRO-Katumani | Moist transitional and moist mid altitude regions of lower and upper eastern, Central (Mukuyuni, Kathiani, Kangundo, Mwea, and Kianjai) Thika and Nyanza (Homabay) Kenya | 105-130 days | 3.7-6.6 | MLN tolerant with a score of 2.5, Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 335.KATEH1 4-03 | KDH414-11- Ukamez 6) | 2017 | | KALRO | KALRO-Katumani | Dry transitional to dry-mid altitude regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya | 90-100 Days | 4.6- 7.5 | Early maturing, Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 336.KATEH1 4-05 | KDH414-12 (Ukamez 7) | 2017 | | KALRO | KALRO-Katumani | Dry transitional to dry-mid altitude regions of lower and upper eastern, Central , Rift valley (Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) | 90-100 Days | 4.3- 7.8 | Early maturing, Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, Stay green |

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|---------------------|--------------------|------|--|---------------------------------------|-------------------------------|---|---------------------|---------|--|
| 337.FRC120 2 | FH-1202 | 2017 | | Freshco Kenya Ltd | CIMMYT | Dry transitional to dry-mid altitude | 90-120 days | 10 to 8 | Resistant to GLS and maize streak virus, Has good husk cover |
| 338.Progene X5-5 | Progene FH-1205 | 2017 | | Freshco Kenya Ltd | Progene Seeds- Zimbabwe | Dry transitional to dry-mid altitude | 90 days | 10 to 8 | Resistant To GLS, MSV, and leaf Blight,Has good husk cover |
| 339.Progene X5-8 | Progene FH-1208 | 2017 | | Freshco Kenya Ltd | Progene Seeds- Zimbabwe | Dry transitional to dry-mid altitude | 120- 135 days | 10 to 8 | Resistant to GLS and MSV, Has good husk cover |
| 340.CKH080 69 | Shukran- 16 | 2017 | | KALRO | CIMMYT/KALR O MTWAPA | COASTAL LOWLANDS (CL) 2, 3 and 4 | 120 days | 6.0-7.5 | Drought tolerant and Tolerant to foliar diseases |
| 341.CKH122 114 | SIFA | 2017 | | Dryland Seed Company/C YMMIT | Dryland | Medium Altitude (1200-1800 masl) | 100- 110 days | 9 to 7 | Drought tolerance, Tolerance to TLB, GLS and Common rust |
| 342.CKH107 78 | KH500- 54A | 2017 | | KALRO/CIM MYT | KALRO MUGUGA | Mid-Late-1600-1800 M ASL Kakamega, Bungoma, Kitale, Kericho, Nandi, Vihhiga, Yala, Busia | 150- 180 | 9 to 8 | Medium maturity, MSV and GLS Resistant, Flint like to intermediate grains, Large sized cobs, white grains, Good husk cover and other ear aspects |
| 343.KM1101 | KH500- 56A | 2017 | | KALRO | KALRO MUGUGA/KAK AMEGA | Mid-Late-1600-1800 M ASL Kakamega, Bungoma, Kitale, Kericho, Nandi, Vihhiga, Yala, Busia | 150- 180 | 44783 | Medium maturity, MSV and GLS Resistant, Flint |

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| | | | | | | | | | like to intermediate grains, Large sized cobs, white grains, Good husk cover and other ear aspects |
| 344.CKH143 975 | TS401 | 2017 | | Topserve EA Ltd | CIMMYT | Dry transitional to dry-mid altitude | 120-140 days | 7-8.5 | |
| 345.EMH110 1 | KH500-13E | 2017 | | KALRO | CIMMYT & KALRO Embu | Dry transitional to dry-mid altitude | 120 days | 5.5-7 | Drought tolerant, Tolerant to foliar diseases and ear rots |
| 346.MRI 594 | SY 594 | 2017 | | MRI Seed Zambia limited, Lusaka, Zambia | MRI Seed Zambia limited;, Lusaka, Zambia | Medium Altitude & Transition zones | 125-140 days | 44846 | GLS & rust tolerance and medium Turcicum tolerance, ear rot tolerance, especially Diplodia |
| 347.10C2738 | SC Duma 419 | 2017 | | Seed Co Limited | Seed Co Kenya (Agri Seed Co Limited) | Medium Altitude & Transition zones | 105-120 days | 5.5-7.5 | High density grain hence enhanced storability, Uniform cob placement hence ease in machine operations, High shelling percentage hence more usable cobs, Good tip cover, Wide |

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| | | | | | | | | | adaptation, Drought tolerance, Fast dry down, Drooping ear at maturity, Loose husks |
| 348.10C8447 | SC Pundamil ia 545 | 2017 | | Seed Co Limited | Seed Co Kenya (Agri Seed Co Limited) | Medium Altitude & Transition zones | 105- 120 days | 5.0-7.0 | High shelling percentage, Tolerant to leaf diseases – GLS, Rust & MSV, Tolerant to Grain diseases hence reduced post-harvest losses, Stay green, hence can be used as animal feed after harvest, Drought tolerance, Tight husk cover preventing water from accessing the grains during rains after cob formation |
| 349.11C86 | SC Simba 649 | 2017 | | Seed Co Limited | Seed Co Kenya (Agri Seed Co Limited) | Medium & Altitude Mid-late zones | 135- 150 days | 8.0-12.0 | Wide adaptability – Does well in Medium, mid- late and late environments, Robust plant type that gives |

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|------------|-------|------|--|---------------------|---------------------|-----------------------------------|----------------|-------|--|
| | | | | | | | | | both high yield and high biomass also suitable as animal feed, Tolerance to leaf diseases like blight, rust and MSV, Drought tolerance, Good tip cover. Helps in reducing water entry into the cob thus preventing associated rots, Msv tolerance; tolerant to lodging; flint medium sized grains, Stay green, Drought tolerant, Relatively uniform for machine cutting. |
| 350.H12ML1 | H6506 | 2017 | | Kenya Seed Co. Ltd. | Kenya Seed Co. Ltd. | Medium altitude/transitional late | 120 – 135 Days | 6 – 7 | |
| 351. H13M2 | H6507 | 2017 | | Kenya Seed Co. Ltd. | Kenya Seed Co. Ltd. | Mid late altitude-late | 140 – 150 Days | 8 | Low ear placement; GLS tolerant, Large intermediate kernels, |

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| | | | | | | | | | Drought tolerant. |
| 352.EASH11 29 | MH502 (Taji) | 2018 | | East African Seed Company Limited | East African Seed Company Limited | Areas 1300-1900m above sea level such as Machakos, Makueni, Kitui, Tharaka nithi, Siaya, Homabay. | 135- 140 days | 7-9 (t/ha) | Tolerant to GLS (2), Rust (1), MSV (2) and MLN (2.8), White semi- flint grains, Uniform cob placement(Go od for mechanized operations), Good milling quality, Strong stalk (Reduced lodging). |
| 353.X28F 421W | PAN 3M- 05 | 2018 | | Pioneer Cooperation Overseas | Pioneer Cooperation Overseas | Meduim Dry-Machakos, Makueni, Kitui, Tharaka nithi, Siaya, Homabay | 110- 120 days | 2-9 t/ha (2 t/ha under severe drought conditi ons and 9t/ha under optimal conditi ons). | Improved yield for its maturity under optimal conditions, Good standability, Grain quality is semi-flint, Good Common Rust tolerance, Good Head Smut resistance, Maize Streak Virus tolerant, Drought tolerant |
| 354.CKH 13605 | ADV2304 W | 2018 | | Advanta Seed International | Advanta Seed International | Medium altitude (1400 - 1600 meters above sea level | 4 - 5 month s | 7 to 5 | Highly adaptable to low nitrogen soils, Tolerant to major leaf |

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| | | | | | | | | | diseases like GLS, Turcicum, blight, MSV, Good husk cover and standability, Uniform and good ear placement, Semi flint white grains |
| 355.CKH 143960 | ADV2308 W | 2018 | | Advanta Seed International | Advanta Seed International | Moist transitional and Moist mid altitude regions | 4 month s | 6 to 5 | Excellent Drought tolerance, Tolerant to major leaf diseases like GLS, Turcicum, blight, MSV, Good husk cover and standability, Semi flint white grains, Drought tolerant |
| 356.WE7118 | WE7118 | 2018 | | AATF | KALRO/CIMMY T | Transitional to mid-late maturity (1000-1500M) - (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika) | 120- 150 Days | 5.5-6.0 | The hybrid is MLN tolerant (2), Drought tolerant (High yielder under optimum and drought conditions), Resistant to major leaf diseases such as gray leaf |

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| | | | | | | | | | spot, Turcicum leaf blight and maize streak virus |
| 357.WE7119 | WE7119 | 2018 | | AATF | KALRO/CIMMY T | Transitional to mid-late maturity (1000-1500M)- (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika) | 120-150 Days | 5.5 | The hybrid is MLN tolerant (2.5), drought tolerant (High yielder under optimum and drought conditions), resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 358.WE6109 | WE6109 | 2018 | | AATF | KALRO/CIMMY T | Transitional to mod-late maturity (500-1000M)- (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika) | 90-100 Days | 7 | The hybrid is MLN tolerant (2.7), Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 359.KATEH16-01 | KALZm-H4-301 | 2018 | | KALRO | KALRO-Kabete | Transitional to mid-late maturity (1000-2200M)- (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea, Bomet, Narok and Thika) | 120-150 Days | 6.5-7.7 | The hybrid is MLN tolerant (2.04), Drought tolerant (High yielder under optimum and drought conditions),Re |

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| | | | | | | | | | Resistant to maize streak virus, It has good plant and ear aspects and double cobs |
| 360.KATEH1 6-02 | KALZm- H4-302 | 2018 | | KALRO | KALRO-Kabete | Transitional to the dry land (500-1800M)-(Machakos, Kitui, Makeni, Kangundo, Meru, Mukuyuni, Mwea, Bomet, Narok and Thika) | 90- 120 Days | 5.9-6.7 | The hybrid is MLN tolerant (1.71), Drought tolerant (High yielder under optimum and drought conditions), Resistant to maize streak virus, It has good plant and ear aspects and good husk cover |
| 361.KATEH1 6-03 | KALZm- H4-303 | 2018 | | KALRO | KALRO-Kabete | Transitional to mid-late maturity (1000-2000 M)- (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea , Bomet, Narok and Thika) | 120- 150 Days | 5.5-6.1 | The hybrid is MLN tolerant (1.7), drought tolerant (High yielder under optimum and drought conditions), resistant to major leaf diseases such as gray leaf spot, Turicum leaf blight and maize streak virus, It has good plant and ear aspects |

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| | | | | | | | | | and good husk cover |
| 362.KATEH14-02 | KALZm-H3301 | 2018 | | KALRO | KALRO-Kabete | Growing in the dry low and transitional to dry-mid altitude regions (500-1000M) | 90-120 Days | 4.7 | The hybrid is early maturing, Drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 363.WE7117 | WE7117 | 2018 | | AATF | KALRO/CIMMY T | Transitional to mid-late maturity (1000-1500M)- (Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika) | 120-150 Days | 5.4-6.0 | The hybrid is MLN tolerant (2), Drought tolerant (High yielder under optimum and drought conditions), Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 364.EASH1220 | Tajiri | 2019 | | East African Seed Company Limited | East African Seed Company Limited | Altitude: 100-1500 masl Examples: Kianjai, Mwea, Homabay, Kangundo, Kathiani, Mukuyuni, Mariakani and Thika | 135-140 Days | 8 to 6 | Good grain texture (White semi-flint grains), Uniform cob placement (Good for mechanized operations), Good milling |

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| | | | | | | | | | quality, Strong stalks (Reduced lodging), Drought tolerant |
| 365.11C3330 | SC SIMBA 661 | 2019 | | SEED CO GROUP | SEED CO | Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Embu, Busia, Bungoma, Siaya, Kirinyaga, Kericho, Nyeri. | 135 to 150 Days | 10 to 8 | Good standability hence less lodging, High shelling percentage hence less waste, Stay green hybrid, Highly uniform cob placement, Tight and closed tip cover hence no bare tips, Excellent white grain, Resistance to cob diseases, Very good tolerance to GLS and leaf blight |
| 366.CKMLN 150074 | SC DUMA 441 | 2019 | | SEED CO / CIMMYT | SEED CO / CIMMYT | Altitude: 100-1200 m.a.s.l AEZ: ; LM1-4; L3-4, CL3 Examples: Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni. | 105 to 120 Days. | 7 to 6 | Tolerant to MLND (score of 1-3 in the scale of 1-9), Good standability hence less lodging, Tolerant to leaf diseases like blight, MSV and |

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| | | | | | | | | | GLS,Drought tolerant hybrid |
| 367.X35C45 4W | P3506W | 2019 | | Pioneer Hi-Bred Kenya | Pioneer Hi Bred Zimbabwe | Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu | 120-150 days | 6.4-9 | Semi Flint, Stable hybrid, Good MSV, Leaf blight and GLS tolerance, Good cob rot tolerance, Very good husk cover |
| 368.WE6108 | WE6108 | 2019 | | AATF | KALRO/CIM MYT | Altitude: 100-1500 masl Examples: Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika | 120-150 Days | 44719 | The hybrid is post flowering drought tolerant, High yielder under optimum and drought conditions, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 369.WE6110 | WE6110 | 2019 | | AATF | KALRO/CIM MYT | Altitude: 100-1500 masl Examples: Kangundo, Meru, Kathiani (Hill Masses), Mukuyuni, Mwea and Thika | 120-150 Days | 44687 | The hybrid is post flowering drought tolerant, (High yielder under optimum and drought conditions), resistant to major leaf diseases such as gray leaf spot, Turcicum leaf |

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|------------|--------|------|--|------|------------------|---|--------------|--------|--|
| | | | | | | | | | blight and maize streak virus |
| 370.WE6101 | WE6101 | 2019 | | AATF | KALRO/CIM MYT | Altitude: 100-1500 masl Examples: Homa bay, Kambi yam awe, Kathiani, Katumani, Kiboko, Kitui, Masongaleni, mogotio, Rwika and salama) Kenya | 100-120 days | 44657 | The hybrid is post flowering drought tolerant, resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 371.WE6103 | WE6103 | 2019 | | AATF | KALRO/CIM MYT | Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu | 120-150 days | 8 to 7 | The hybrid is post flowering drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus |
| 372.WE6105 | WE6105 | 2019 | | AATF | KALRO/CIM MYT | Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu | 120-150 days | 7 to 6 | The hybrid is post flowering drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum |

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| | | | | | | | | | leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects, Early maturing in the highlands |
| 373.WE6106 | WE6106 | 2019 | | AATF | KALRO/CIMMYT | Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu | 120-150 days | 6 to 5 | The hybrid is post flowering drought tolerant, Resistant to major leaf diseases such as gray leaf spot, Turcicum leaf blight and maize streak virus, It has good husk cover and good plant and ear aspects |
| 374.CKDHH 15008 | ADV2309 W | 2019 | | CIMMYT/Advanta Seed International | Advanta Seed International | Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu | 120-150 days | 7 to 5 | High shelling percentage, Tolerant to major leaf diseases like GLS, Turcicum, blight, MSV, Good husk cover and standability, Uniform and good ear placement |

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| 375.CKDHH 15064 | ADV2310 W | 2019 | | CIMMYT/ Advanta Seed Internationa l | Advanta Seed International | Altitude: 1400-1600 masl AEZ: UH3-4; LH2-4; UM1-2 Examples: Busia, Embu, Kaguru, Kimaite, Kirinyaga, Siaya, soin and Wambugu | 120- 150 days | 8 to 5 | High shelling percentage, Tolerant to major leaf diseases like GLS, Turcicum, blight, MSV, Good husk cover and standability, Uniform and good ear placement |
| 376.CZH125 7 | SWARA PLH 457 | 2019 | | PEAL AGRO SERVICES | PEAL AGRO SERVICES / CIMMYT | Altitude: 100-1200 m.a.s.l AEZ: ; LM1-4; L3-4, CL3 Examples: Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni. | 105 to 120 Days. | 8 to 6 | Drought tolerant, Early maturing, Good standability, Go od husk cover |
| 377.CZH125 8 | KISHIN DO PLH 458 | 2019 | | PEAL AGRO SERVICES | PEAL AGRO SERVICES / CIMMYT | Altitude: 100-1500 masl Examples: Kianjai, Mwea, Homabay, Kangundo, Kathiani, Mukuyuni, Ma riakani and Thika | 120- 150 Days | 6.5-8 | Drought tolerant, Early maturing, Good standability, Good husk cover, Double cobber |
| 378. CKH 12602 | SY 4150 | 2020 | | Syngenta E.A Ltd | Maintainer: Syngenta, Zambia Source: CIMMYT | Altitude: 600 -1200 AEZ: Mid –Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu, Muguga, Bungoma | 90-110 days | 6.5 -7.5 | Flint grain, Good ear rot tolerance, Drought tolerant, Good common rust tolerance |
| 379. CKH 12603 | SY 6350 | 2020 | | Syngenta E.A Ltd | Maintainer: Syngenta, Zambia Source: CIMMYT | Altitude: 600-1200 AEZ: Mid-Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu, Muguga, Bungoma | 90-100 days | 6.5 -7.5 | Flint grain, Drought tolerant, Medium prolific potential, Good standability |

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| 380.CKH16 00055 | SY 6450 | 2020 | | Syngenta E.A Ltd | Maintainer: Syngenta, Zambia Source: CIMMYT | Altitude: 600-1200 AEZ: Mid – Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu, Muguga, Bungoma | 110- 120 days | 6.5 -7.5 | Flinty grain, Low prolificacy, Good standability, Drought tolerant |
| 381.SY 5344 | SY 5344 | 2020 | | Syngenta E.A Ltd | Maintainer & Source: Syngenta Zambia | Altitude: 1000-1500 AEZ: Mid – Low altitude Sites: Makueni, Machakos, Kitui, Thika, Meru, Embu, Kisumu, Siaya, Busia, Homabay, Baringo, Kiambu, Muguga, Bungoma | 110- 120 days | 7.5-8.5 | Average ear rot tolerance; Average standability;Dr ought tolerant, low prolificacy |
| 382.X30M33 0W | PAN 4M- 11 | 2020 | | PIONEER Hi-Bred ZIMBABW E | PIONEER Hi- Bred ZIMBABWE | Altitude:1000-1200m asl AEZ:LM1-4 Sites:Kangundo,Mbooni,Machakos,Embu,Meru,Siaya,Bu sia,Homabay,Thika,Muranga | 3- 4mont hs | 8 to 6 | Grain-semi flint. Tolerance to MSV, Drought tolerant, Good husk cover, Good cob placement |
| 383.X30M35 5W | P2848W | 2020 | | PIONEER Hi-Bred ZIMBABW E | PIONEER Hi- Bred ZIMBABWE | Altitude:900-1200m asl AEZ: Sites:Machakos,Kitui,Homabay,Busia,Homabay,Siaya,Ki sumu,,Embu,Tharaka Nithi | 3- 3.5mo nths | 8 to 6 | Good grain quality, Tolerance to MSV, Drought tolerance,Good cob placement |
| 384.PAN 4M-23 | PAN 4M- 23 | 2020 | | PANNAR SEED | PANNAR SEED | Altitude:1000-1200m asl AEZ:LM1-4 Sites: Kangundo,Mbooni,Machakos,Embu,Meru,Siaya,Busia,H omabay,Thika,Muranga | 3- 4mont hs | 8 to 6 | Good grain quality, Tolerance to MSV, Good cob placement, Drought tolerant, Good husk cover |
| 385.PAN 7M-83 | PAN7M- 83 | 2020 | | PANNAR SEED | PANNAR SEED | Altitude:1200-1500m AEZ:UM1-4 Sites:kakamega,Nyeri,Nakuru,Kirinyaga,Bungoma,Vihig a,Bomet,Kisii | 4- 5mont hs | 9 to 7 | Good grain quality, Tolerance to MSV, Good husk cover, Tolerance to cob rots |

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| 386.15C2548 8 | SC 447 | 2020 | | Seedco | Seedco | Altitude – 100 to 1200 masl AEZ: CL 1-5, L(IL) 1-5, UM 3-5 Sites: Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni. | 3.5-4.5 Month s | 6 to 5 | Good standability hence less lodging, Drought tolerant, Tolerant to MLND, 3-Way Hybrid |
| 387.16C3728 9 | SC 445 | 2020 | | Seedco | Seedco | Altitude – 100 to 1200 masl AEZ: CL 1-5, L(IL) 1-5, UM 3-5 Sites: Muguga, Naivasha, Bomet, Kisii, Kisumu, Thika, Meru, Kangundo, Machakos, mariakani, Mwea, Kathiani, Mukuyuni. | 3.5-4.5 Month s | 5-5.5 | Highly tolerant to cob diseases like diplodia and fusarium cob rots, White grain, Tolerant to MLND, Drought tolerant, Single Cross Hybrid |
| 388. 12CK1 | SC 801 | 2020 | | Seedco | Seedco | Altitude – 1400 to 1800 masl AEZ: LH 1-3, UM 1-2 Sites: Bungoma, Kakamega, Kapsabet, Nakuru, Kitale, Eldoret, Kabianga. | 5.5- 6.0 Month s | 12 to 9 | Extended stay green leading to longer period of green Stover availability for animal feed, Closed tip cover hence no bare tips leading to reduced rots, White grain – 3W Hybrid, Moderate Resistance to cob diseases like diplodia and fusarium cob rots, |

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| | | | | | | | | | Highly tolerant to GLS and leaf blight |
| 389. SY 6444 | SY 6444 | 2020 | | Syngenta E.A Ltd | Maintainer & Source: Syngenta Zambia | Altitude: 1400 -1800, AEZ: Mid- Transitional High altitude, Sites: Western Kenya, Elegyo Marakwet, Central Kenya, Migori, Kisii, Bomet, Nyamira, Narok, Njoro, Bukura | 140-180 days | 9.0-10 | Excellent Ear rot tolerance, Excellent GLS tolerance; Medium prolificacy (density dependant); |
| 390. UH5354 | BAZOOK A | 2021 | | NASECO /NACCRI (NARO Uganda) Wakala Africa Limited | NASECO/NAC CRI (NARO - Uganda) | Altitude: 800-1800 m.a.s.1 AEZ: LM1-4, UM1-4, LH1-3 Sites: Busia, Embu, Kaguru, Kimaeti, Siaya, Soin and Wambugu, | 120-140 days | 12 to 8 | Heavy Semi flint grain with good grain texture and milling extraction, Highly prolific double cobbler, GLS and MSV and Turcicum tolerant, Uniform cob placement with good tip cover, Suitable for silage |
| 391. X40H475W | PAN 7M-87 | 2021 | | PANNAR SEED K Limited | PANNAR SEED LTD | Altitude:1200-1500, AEZ: LM1-4, Sites: Busia, Embu, Kaguru, Kimaeti, Siaya, Soin, Wambugu | 120-140 days | (7-9) | Grain-Flint, Tolerance to diplodia ear rot, Tolerant to GLS, Good standability, Double cobs, Highly adaptable, Stay green characteristic |
| 392. X35H478W | PAN 5M-37 | 2021 | | PANNAR SEED LTD | PANNAR SEED LTD | Altitude:1200-1500 AEZ: LM1-4 Sites: Busia, Embu, Kaguru, Kimaeti, Siaya, Soin, Wambugu | 120 days | (6-8) | Tolerance to MSV, Grain- |

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| | | | | | | | | | | Semi flint, Tolerant to NLB, Good standability, Drooping characteristic |
| 393. SEG187RC | SY6250 | 2021 | | Syngenta E.A Ltd | Syngenta Zambia; Plot 5255, Mukwa Road, P. O. Box 33088, Heavy Industrial area, Lusaka, Zambia | Altitude: 1100—1900 m.a.s.l _AEZ: LH 3-4, UM 1-4, LM 1-4 Sites: Busia, Embu, Kimaeti, Kirinyaga, Siaya, Bukura, Kiambu, Siaya, Nyeri, Meru, Kakamega, Nakuru, Homabay, Kisii, Thika, Machakos | 110-120 days | (7-10) | | Semi flint grain, Drought tolerant, Wide adaptation, over region, Excellent ear rot tolerance, Good lodging resistance |
| 394 | SY5054 | 2021 | | Syngenta E.A Limited | Syngenta Zambia | Altitude: 800-1900 tn.a.s.l AEZ: LH 3-4, UM 1- 4, LM 1-4 Sites: Busia, Embu, Kimaeti, Kirinyaga, Siaya, Bukura, Kiambu, Siaya, Nyeri, Meru, Kakamega, Nakuru, Homabay, Kisii, Kangundo, Makueni, Machakos, Kitui, | 90-110 days | (6-9) | | Wide adaptation over region, Semi dent grain, Good lodging resistance, Very good GLS tolerance, Drought tolerant |
| 395. MAIZE(MEDIUM KIT) | ETGM601 | ETGM601 FALCON | 2021 | ETCIKL | ETCIKL | Altitude: 1000-2000 m.a.s.l, AEZ : LM 1-3, Sites: Embu, Siaya, Migori, Soin, Kirinyaga, Meru, Busia, Kimaeti, Nyeri | 3-4 months | 10-Sep | | Drought tolerant, Grain-semi flint(Intermediate), Medium maturity, High grain density, Good husk cover, Good standability |
| 396. MAIZE(MEDIUM KIT) | X35N187W | X35N187W | 2021 | PIONEER Hi-Bred Zimbabwe | PIONEER Hi-Bred Zimbabwe | Altitude: 1200-1500 m.a.s.l AEZ: Im 1-3, Site: Embu, Siaya, Migori, Soin, Kirinyaga, Meru, Busia, Kimaeti, Nyeri | 120 days | 11 to 8 | | Grain –semi flint, Good husk cover, Good |

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| | | | | | | | | | standability, Tolerance to NCLB, Wide adaptability |
| 397. MAIZE(MEDIUM KIT) | X35N186 W | X35N1 86W | 2021 | PANNAR SEED LTD | PANNAR SEED LTD | Altitude: 1200-1500 m.a.s.l AEZ: LM 1-3 Sites: Nyeri, Kimaeti, Siaya, Embu, Meru, Kirinyaga, Migori, Busia, Soin | 120 days | 7.5-10.5 | Grain –semi flint, Good husk cover, Good standability, Tolerance to NCLB |
| 398. MAIZE(LATE KIT) | X40P639 W | P4025 W | 2021 | PIONEER Hybrid (K) LTD | PIONEER Hybrid (K) LTD | Altitude: 1500-1800 m.a.s.l AEZ: I1-1-UM1-3 Sites: Uasin Gishu, Trans –Nzoia, Nakuru, Kakamega, Kisii, Kericho, Nyamira | 150 days | 13 to 8 | Grain –flint, Medium cob placement, Tolerant to GLS, NCLB, Diplodia, Excellent standability, Excellent husk cover |
| 399. Maize (transitional kit) | SC 557 | SC 557 | 2022 | SEED CO GROUP | AGRI SEED CO LIMITED | Altitude:300 to 1300 m.a.s.l AEZ: LM 1-4, UM 1-4, LH 1-4 Sites: Homabay, Kangundo, Kathiani, Kianjai, Mukuyuni, Mwea, Thika and similar environments | 105-120 Days | 5.3 – 8.2 | Drought tolerance, Closed tip hence protecting the cob from rainwater that could lead to cob rots, High tolerance to the cob rots |
| 400. Maize (transitional kit) | SC 559 | SC 559 | 2022 | SEED CO GROUP | AGRI SEED CO LIMITED | Altitude:300 to 1300 m.a.s.l AEZ: LM 1-4, UM 1-4, LH 1-4 Sites: Homabay, Kangundo, Kathiani, Kianjai, Mukuyuni, Mwea, Thika and similar environments | 105-120 days | 5.3 – 7.4 | Drought tolerance, Closed tip hence protecting the cob from rainwater that could lead to |

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|-------------------------------|-----------|-----------|------|---------------------------|---------------------------|--|--------------|-----------|--|
| | | | | | | | | | cob rots, High tolerance to the cob rots |
| 401. Maize (transitional kit) | SC 555 | SC 555 | 2022 | SEED CO GROUP | AGRI SEED CO LIMITED | Altitude:300 to 1300 m.a.s.l AEZ: LM 1-4, UM 1-4, LH 1-4 Sites: Homabay, Kangundo, Kathiani, Kianjai, Mukuyuni, Mwea, Thika and similar environments | 105-120 days | 5.4 – 7.6 | Drought tolerance, High shelling percentage ensuring a bigger proportion of the cob being food. |
| 402. Maize (late kit) | X40P640 W | PAN 9M-91 | 2022 | Corteva agriscience k ltd | Corteva agriscience k ltd | Altitude:1500-1800 m.a.s.l AEZ: UM-LH Sites: Uasin Gishu, Nakuru, Kericho, Kakamega, Nandi, and lower highlands of Kisii, Bomet, Bungoma, Laikipia, Embu, Meru, Nyeri, Kirinyaga | 150 days | 11 to 9 | Tolerance to Northern Leaf Blight (Score of 2 in the scale of 1-5), Flint, Good standability, Low cob placement, Good husk cover |
| 403. Maize(mid late kit) | X40N584 W | P3815 W | 2022 | Corteva agriscience k ltd | Corteva agriscience k ltd | Altitude:1500 m.a.s.l AEZ: LM-UM Sites: Kakamega, Bungoma, Nakuru, kericho, and upper midland of Nyeri, Embu, Busia, Kirinyaga, Kisii, Migori, Bomet, Meru | 130 days | 10 to 7 | Tolerance to Northern Leaf Blight (Score of 2 in the scale of 1-5), Flint, Good for milling-white grain, Wide adaptation-grown in Mid-late to transitional highland, Good standability-Low cob placement |

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|-------------------------------|--------------|--------------------|------|------------------------------------|-----------------------------------|--|--------------|----------|--|
| 404. Maize(mid late kit) | X40M329 W | PAN 8M-97 | 2022 | Corteva agriscience k ltd | Corteva agriscience k ltd | Altitude:1500 m.a.s.l AEZ: LM-UM Sites: Kakamega, Bungoma, Nakuru, Kericho, and upper midland of Nyeri, Embu, Busia, Kirinyaga, Kisii, Migori, Bomet, Meru | 130 days | 11 to 9 | Tolerance to GLS Score of 1.5 in the scale of 1-5), Resistance Northern leaf blight (Score of 2 in the scale of 1-5), Good standability (low ear placement, Excellent grain texture (Flint), Has wide adaptation (grown from Medium to Mid-late) |
| 405. Maize Early kit | ETG M 401 | ETG M 401 FALCON | 2022 | ETCIKL | ETCIKL | Altitude:60-1500 m.a.s.l AEZ: L 1-3 Sites: Machakos, Mbeere, Lower Meru, Kitui, Makeni, Narok, Tharaka/Nithi, Taveta, Kilifi, Kwale | 90-115 days | 5 to 4 | Drought tolerant Grain-semi flint(intermediate) High grain density Good husk cover Good stand ability |
| 406. Maize (transitional kit) | ZMS 623 | ZMS 623 | 2022 | Zambia Seed Company Ltd (Zamseed) | Zambia Seed Company Ltd (Zamseed) | Altitude:1000-1500 m.a.s.l Sites: Kangundo, Meru, Kathiani, Mukuyuni, Mwea and Thika | 110-120 days | 7 to 6 | Drought tolerant, Tolerant to cob rots |
| 407. Maize (medium kit) | CKDHH1 70018 | KISHINDO B PLH 518 | 2022 | PEAL AGRO SERVICESE ENTER. CO LTD. | CIMMYT-KENYA/PEAL AGRO SERVICES | Altitude: 800 -2000 m.a.s.l Sites: Embu, Kirinyaga, Busia, Meru, Narok, Kakamega, Soini. | 140 days | 12 to 10 | Good stand ability, Low ear placement, Excellent tolerance to GLS(Score of 2 in the scale of 1-5) |

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| 408. Maize(mid late kit) | CKH1559 02 | KIFAR U PLH 615 | 2022 | PEAL AGRO SERVICES ENTER. CO LTD. | CIMMYT-KENYA/PEAL AGRO SERVICES | Altitude:1500-2200 m.a.s.I Sites: Kakamega, Lanet,Bukura, Bumula Kitale, Yala, Mabanga. | 160 days | 13 to 11 | Excellent tolerance to GLS(Score of 2 in the scale of 1-5),Good stand ability,Good husk cover |
| 409.Popcorn (R400MR) | R400MR | | 2023 | Crookham.co./Bt Agrictural Ltd | Crookham.co./Bt Agrictural Ltd | Altitude:1000-2100 m.a.s.I AEZ: UM 3-4 Sites:Embu, Kirinyaga,Kaguru, Siaya,Soin,Busia and Kimaeti | 100-105 days | 6 to 7 | High resistance to common blight, high resistance to rust and Northern con leaf rust |
| 410.Silage Kit (YG018) | COWCOR N | | 2023 | Cultivo Africa Ltd | Cultivo Africa Ltd | Altitude:1000-2100 m.a.s.I AEZ:LH3 & UM4 Site: Embu, Nyeri, Meru,Narok,Bomet, Nakuru,Uasin Gishu, Tranzoia and Nandi county | 90-100 days | 50 to 53 fresh weight | Yellow maize, tolerant to GLS (2),rust(1),MSV (2),TLB (2),High crude protein (11.95%),High dry matter content (20.9%),High digestibility of organic matter in dry matter(71%),High energy(10.4%) |
| 411. Maize (medium kit) FS 532 | FS 787 | | 2023 | Oil Crop Development Ltd | Oil Crop Development Ltd | Altitude:1100-2100 m.a.s.I AEZ: UM 3-4 Site:Mwea, Thika,Embu, Kibos, Kakamega, Alupe Busia, Kaguru, Kimaite,Kirinyaga, Siaya | 4-5 months | 5 to 7 | Good grain texture and grain density,strong stems that does not lodge easily |

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| 412.Maize (medium kit) FAWTH2001 | KALZm- H5-301 | | 2023 | KALRO/CIM MYT | KALRO/CIMMY T | Altitude:1100-2100 m.a.s.l AEZ: Lower mid-land to upper midland zones Site:Mwea, Thika, Embu, Kibos, Kakamega, Alupe Busia, Kaguru,Kimaite, Kirinyaga,Siaya, Soin and Wambugu | 4-5 month s | 6 to 7 | Good adaptability across agro - ecologies,toler ant to fall armyworm, resistant to gray leaf spot, Turcicum leaf blight and common rust, and good husk cover |
| 413.Maize (medium kit) FAWTH2002 | KALZm- H5-302 | | 2023 | KALRO/CIM MYT | KALRO/CIMMY T | Altitude:1100-2100 m.a.s.l AEZ: Lower mid-land to upper midland zones Site:Mwea, Thika, Embu, Kibos, Kakamega, Alupe Busia, Kaguru,Kimaite, Kirinyaga,Siaya, Soin and Wambugu | 4-5 month s | 6 to 8 | Good adaptability across agro - ecologies,toler ant to fall armyworm, resistant to gray leaf spot, Turcicum leaf blight and common rust, and good husk cover |
| 414.Maize (medium kit) FAWTH2003 | KALZm- H5-303 | | 2023 | KALRO/CIM MYT | KALRO/CIMMY T | Altitude:1100-2100 m.a.s.l AEZ: Lower mid-land to upper midland zones Site:Mwea, Thika, Embu, Kibos, Kakamega, Alupe Busia, Kaguru,Kimaite, Kirinyaga,Siaya, Soin and Wambugu | 4-5 month s | 6 to 8 | Good adaptability across agro - ecologies,toler ant to fall armyworm, resistant to gray leaf spot, Turcicum leaf blight and common rust, and good husk cover |

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| 415. Maize Kakamega kit(Maseno Sukari | Maseno Sukari | | 2023 | Mathews M Dida/Maseno University | Mathews M Dida/Maseno University | Altitude:1200-1700 m.a.s.I AEZ: UM 1-4, LH 1-3 Site:Kisumu, Kakamega,Vihiga, Homabay,Migori, Busia, Embu, Siaya, Kisii, Kitale | 4-5 months | 7 to 14 | Resistant to major foliar diseases, GLS (2), Rust (1), MSV (2), TLB(2), and Maize streak virus, very sweet as green maize |
| 416. Maize Embu kit (EASH1710) | MH504 | | 2023 | Agriscop Africa Ltd | Agriscop Africa Ltd | Altitude:1100-2000 m.a.s.I AEZ: LH 3 (Lower Highland sub humid zone&UM4(Upper mid land transitional zones Site:Embu, Nyeri, Nakuru, Uasin Gishu, Transzoia, and Nandi county among others | 4-5 months | 7 to 8 | Resistant to major foliar diseases, GLS (2), Rust (1), MSV (2), TLB(2), Good standability (reduced lodging), Good husk cover, plant aspect and ear aspect |
| 417. Maize Embu kit (KSDH 170029) | H533 | | 2023 | Kenya Seed Co Ltd | Kenya Seed Co Ltd | Altitude:1000-1700 m.a.s.I AEZ: UM2-LM2 Sites:Embu, Kirinyaga, Kiambu, Busia, Kakamega | 4-5 months | 6 to 10 | Uniform ear placement, resistance to leaf blight, large flint like kernels, lodge tolerance and good husk |
| 418. Maize Embu kit (19mz-27) | H534 | | 2023 | Kenya Seed Co Ltd | Kenya Seed Co Ltd | Altitude:900-1700 m.a.s.I AEZ: UM2-LM2 Sites:Embu, Meru, Murang'a, Lugari, Busia | 4-5 months | 5.5 to 8.5 | Excellent husk cover, drooping ears, flint grains and lodge tolerance |
| 419. Maize Muguga Kit (DK7500) | DK7500 | | 2023 | Bayer AG | Bayer East Africa Ltd | Altitude:900-1500 m.a.s.I AEZ: LM1-4 Sites:Mwea, Thika, Kangundo, Kathiani, Mukuyuni, Homabay, Kianjai | 3.5 to 4 months | 8.5 to 9.0 | Yellow maize - dual purpose for both food/ feed utilization, Good |

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| | | | | | | | | | d standability- strong roots/stalks hence low lodging, excellent tolerance to foliar disease, uniform cob placement - good for mechanized operations |
| 420.Maize Muguga Kit (ZS7701) | DKC83- 43 | | 2023 | Bayer AG | Bayer East Africa Ltd | Altitude:900-1500 m.a.s.l AEZ: LM1-4 Sites:Mwea, Thika, Kangundo,Kathiani,Mukuyuni,Homabay, kianjai | 3.5 to 4 month s | 7.5 to 8.5 | Exceptional good grain texture(Flint type)-good for green maize,good standability - strong roots / stalks hence low lodging, uniform cob placement - good for machenized operations, excellent tolerance to foliar diease |
| 421. Maize Embu Kit (ZR8643) | DKC88- 45 | | 2023 | Bayer AG | Bayer East Africa Ltd | Altitude:1000-1800 m.a.s.l AEZ: UM1-3 Sites:Busia, Embu, Kaguru, Kimaeti, Siaya, Soin, Kirinyaga,Wambugu | 5.0 to 6.0 | 8 to 9.0 | Highly tolerant to maize leaf necrosis(MLN)(score of 3.5-4.5 in a scale of 1- 9),Exceptional good grain texture(Flint type)-good for |

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|---------------------------------|----------|--|------|----------|-----------------------|--|-------------------|-------------|---|
| | | | | | | | | | green maize,good standability - strong roots / stalks hence low lodging, uniform cob placement - good for machenized operations, excellent tolerance to foliar disease and highly prolific -double cobbing |
| 422. Maize Kakamega kit(ZR9709) | DKC97-09 | | 2023 | Bayer AG | Bayer East Africa Ltd | Altitude:1500-2200 m.a.s.l AEZ: LH1-3 Sites:Bukura, Bumula,Kabianga, Kakamega, Lanet, Mabanga, Yala, Baraton, Kitale, Chepkoilel | 6.0 to 8.0 months | 9.0 to 10.0 | Highly tolerant to maize leaf necrosis(MLN)(score of 3.5-4.5 in a scale of 1-9),Exceptional good grain texture(Flint type)-good for green maize,good standability - strong roots / stalks hence low lodging, uniform cob placement - good for machenized operations, excellent tolerance to foliar disease |

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|----------------|------|----------------------------------|----------------------------------|--|--|--|-------------------------------------|
| 12. Mo/74/122 | 1982 | KARI/PBK | PBK | 1700 | 10 to 9 months | 0.9 - 1 | High pyrethrins content |
| 13. Ks/71/6 | 1979 | KARI/PBK | PBK | 1700 | 10 to 9 months | 0.9 - 1 | High pyrethrins content |
| 14. Ks/75/313 | 1979 | KARI/PBK | PBK | 1700 | 10 to 9 months | 1.1 - 1.2 | High pyrethrins content |
| 15. KS/70/64 | 1979 | KARI/PBK | PBK | 1700 | 10 to 9 months | 1 - 1.2 | High pyrethrins content |
| 16. Ma/70/1013 | 1979 | KARI/PBK | PBK | 2200 | 10 to 9 months | 1.1 - 1.2 | High pyrethrins content |
| 17. L/75/487 | 1980 | KARI/PBK | PBK | 2200 | 10 to 9 months | 1.1 - 1.2 | High pyrethrins content |
| 18. Ks/75/336 | 1980 | KARI/PBK | PBK | 1700 | 10 to 9 months | 1.1 - 1.2 | High pyrethrins content |
| 19. L/75/477 | 1980 | KARI/PBK | PBK | 2200 | 10 to 9 months | 1 - 1.1 | High pyrethrins content |
| 20. Ks/72/43 | 1980 | KARI/PBK | PBK | 1700 | 10 to 9 months | 0.9 - 1 | High pyrethrins content |
| 21. Ma/74/223 | 1982 | KARI/PBK | PBK | 2200 | 10 to 9 months | 0.9 - 1 | High pyrethrins content |
| 22. Mo/74/443 | 1982 | KARI/PBK | PBK | 1700-2200 | 10 to 9 months | 1 - 1.1 | High pyrethrins content |
| 23. K218 | 1988 | KARI/PBK | PBK | 1700 | 10 to 9 months | 0.9 - 1.1 | High pyrethrins content |
| 24. K235 | 1988 | KARI/PBK | PBK | 1700 | 10 to 9 months | 0.6 - 1.1 | High pyrethrins content |
| 25. KENT 1 | 2023 | KENTEGRA PYRETHRUM COMPANY | KENTEGRA PYRETHRUM COMPANY | Altitude:2200-2800 m.a.s.l AEZ:UH1-3 Sites :Nakuru,UasinGishu,Elgeyo Marakwet,Nandi,Baringo, Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua,Meru , Embu ,and Bungoma | 2 to 3 months from trans-planting | 1.35 to 1.85 per year for 4 to 6 years | Pyrethrin content of 1.78 - 2.14 |
| 26. KENT 2 | 2023 | KENTEGRA PYRETHRUM COMPANY | KENTEGRA PYRETHRUM COMPANY | Altitude:2200-2800 m.a.s.l AEZ:UH1-2 Sites :Nakuru,UasinGishu,Elgeyo Marakwet,Nandi,Baringo, | 1.5 to 2 months from trans-planting | 1.30 to 1.78 per year for 3 to 4 years | Pyrethrin content of 1.70 - 2.16 |

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| | | | | Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua, Meru, Embu, and Bungoma | | | |
| 27. KENT 3 | 2023 | KENTEGRA PYRETHRUM COMPANY | KENTEGRA PYRETHRUM COMPANY | Altitude:2400-3000 m.a.s.l AEZ:UH1-2 Sites :Nakuru,UasinGishu,Elgeyo Marakwet,Nandi,Baringo, Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua, Meru, Embu, and Bungoma | 2 to 2.54 months from trans-planting | 1.2 to 1.7 per year for 4 to 5 years | Pyrethrin content of 1.84 - 2.09 |
| 28. KENT 4 | 2023 | KENTEGRA PYRETHRUM COMPANY | KENTEGRA PYRETHRUM COMPANY | Altitude:2200-3000 m.a.s.l AEZ:UH1-2 Sites :Nakuru,UasinGishu,Elgeyo Marakwet,Nandi,Baringo, Narok, Laikipia, Trans nzoia, West Pokot, Kisii, Nyamira, Kiambu, Nyeri, Nyandarua, Meru, Embu, and Bungoma | 2.5 to 3 months from trans-planting | 1.13 to 1.8 per year for 3 to 4 years | Pyrethrin content of 1.82 - 2.12 |

10. NATIONAL SUNFLOWER VARIETY LIST

Species: *Helianthus annus* L.

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (days) | Seed yield(t ha-1) | Special attributes |
|-------------------|-----------------|---------------------|----------------------------|--|-----------------------------|--------------------|---------------------|
| 1. H067 | 1974 | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1500-2400 | 130-140 | (2-3) | High oil content |
| 2. Kenya White | 1957 | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1500-2300 | 160-170 | (2-3) | Average oil content |
| 3. Kenya Fedha | 1981 | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1000-2300 | 130-135 | (3-4) | High oil content |

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|------------------|------|----------------------------|----------------------------|--|------------|------------|---|
| 4. Kenya Shaba | 1981 | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1000-2300 | 130-135 | (3-4) | Average oil content |
| 5. H.894 | 1988 | Kenya Seed Co. | Kenya Seed Co. | 1500-2400 | 125-135 | (2-3) | Combines high yield with high oil content |
| 6. H893 | 1988 | Kenya Seed Co | Kenya Seed Co. | 1500-2400 | 130-135 | (2-3) | High oil content |
| 7. H001 | 1989 | Kenya Seed Co | Kenya Seed Co. | 1500-2400 | 120-125 | (2-3) | Early |
| 8. H.898 | 1989 | Kenya Seed Co. | Kenya Seed Co. | 1500-2200 | 130-135 | (2-3) | High oil content |
| 9. H8998 | 1992 | Kenya Seed Co. | Kenya Seed Co. | 900-2200 | 120-125 | (3-4) | Early, High oil content |
| 10. PAN 7352 | 1994 | Pannar Seed | Pannar Seed (K) | 1000-2200 | 120-150 | 1.9-2.5 | High oil content Black seeds |
| 11. PAN 7369 | 1994 | Pannar Seed | Pannar Seed (K) | 1000-2200 | 120-150 | 1.2-2 | Black seeds 44% oil content Tolerant to bird attacks |
| 12. Kenya Almasi | 2008 | KARI | KARI | 0-2500 | 120-134 | 1.5–2.5 | |
| 13. KS-H4038 | 2008 | Kenya Seed Co. | Kenya Seed Co. | 1500-2300 | 110-120 | 3-3.6 | High yield, High oil content (41%) |
| 14. KS-H4088 | 2008 | Kenya Seed Co. | Kenya Seed Co. | 1500-2300 | 113-130 | 3.6-4 | High yield, High oil content (43%) |
| 15. Hysun 33 | 2021 | Advanta Seed International | Advanta Seed International | Altitude: 900 —2200 m asl AEZ: LH 1-4, UM 1-4, LM 1-4 Sites: Nakuru, Kakamega, Bungoma, TransNzoia, Busia, Timau, Embu, Taveta, Medium | (105 — 115 | 2.5 to 3.0 | High oil content (45% -48%)Wide adaptability and drought tolerant Tolerant to Alternaria, albugo and sclerotinia diseases Large head |

11. NATIONAL COTTON VARIETY LIST

Species: *Gossypium hirsutum*

| Variety name/code | Official variety release Name | Year of release in Kenya | Year of release in other countries | Owner(s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Lint yield (t ha ⁻¹) | Special attributes |
|-------------------|-------------------------------|--------------------------|------------------------------------|---------------------|----------------------------|--|-------------------------------|----------------------------------|--------------------|
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|---------------------------|-----------|------|---------------|------------------------|------------------|-----------------|---|-----------|---|
| 1. KSA 81 M | | 1998 | | KARI | KARI-Kibos | 0-1300 | 5-Apr | 5-Feb | Fine fibre lint |
| 2. AF0903 | IRMA L457 | 2012 | Cameroon 2010 | CIRAD/IRAD/SODECOT ON* | IRAD | 0 - 1650 | 2.5months at 0 - 500m 2.5-3 months at 1000-1650m | 2 | Tolerance to Bacterial blight |
| 3. AF0904 | IRMA L484 | 2012 | Cameroon 2010 | CIRAD/IRAD/SODECOT ON* | IRAD | 0 - 1650 | 2.5months at 0 - 500m 2.5-3 months at 1000-1650m | 2 | Tolerance to Bacterial blight |
| 4. 06K486 | DP 486 | 2012 | | Monsanto (K) Limited | Monsanto Inc. | 0 - 1300 | 4-5 months | 5-Mar | High GOT; long , strong lint |
| 5. 06K485 | DP485 | 2015 | | MONSANTO (K) LTD | MONSANTO (K) LTD | 0-1300 m ASL | 4-5 months | 1.15 t/ha | High yield, Long fiber length, Good leaf pubescence (hairiness) |
| 6. HA-211 / Intercott 211 | HA - 211 | 2017 | | Hazera Seeds | Hazera Seeds | Medium Altitude | 1 ys | 1.9 | Lint Quality, Values Strength (gr/tex): 34 - 36, Elongation %: 7.5 - 8.0, Fineness (micr.): 3.6 |

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|---------------------------------|------------------|------|--|---------------------------------|------------------|--|-----------------|-------------------|---|
| | | | | | | | | | - 3.8, Length (inch): 1.36 - 1.37 |
| 7. HA-701 / Intercott 701 | HA - 701 | 2017 | | Hazera Seeds | Hazera Seeds | Medium Altitude | 1 ys | 1.9 | Lint Quality Values, Strength (gr/tex): 33 - 35, Elongation %: 6.5 - 7.5, Fineness (micr.): 3.6 - 3.8, Length (inch): 1.33 - 1.34 |
| 8. C 567 | MAHYC O C 567 | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Mat uga, Bura and Alupe | 160-170 days | 1.96 - 2.29 | Medium Maturity, Tolerant to sucking pests such as jassids and aphids, Medium hairy leaves, Long staple length with high fibre strength |
| 9. C 569 | MAHYC O C 569 | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Mat uga, Bura and Alupe | 160-170 days | 1.55 - 2.89 | Medium Maturity, Tolerant to sucking |

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|-----------|------------------|------|--|------------------------------|---------------|--|--------------|-------------------|--|
| | | | | | | | | | pests such as jassids and aphids Large Boll Size, Long staple length with high fibre strength, Large Boll size |
| 10. C 570 | MAHYC O C 570 | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4,LM 5, L3, L4, Sites:Mwea,Perkerra,Kibos,Barwessa,Mat uga, Bura and Alupe | 150-160 Days | 1.55 - 1.93 | Early Maturity, Large Boll Size, Tolerant to sucking pests such as jassids and aphids, Long staple length with high fibre strength |
| 11. C 571 | MAHYC O C 571 | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4,LM 5, L3, L4, Sites:Mwea,Perkerra,Kibos,Barwessa,Mat uga, Bura and Alupe | 150-160 Days | 1.89 - 2.50 | Early Maturity, Tolerant to sucking pests such as jassids and aphids, Long staple length with high |

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|-------------------------------|--------------------|------|--|------------------------------|---------------|--|--------------|---------|--|
| | | | | | | | | | fibres strength |
| 12. MRC 7017 BG-II | MAHYC O C 570 BGII | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe | 150-160 Days | 2.2-3.0 | Tolerant to Bollworm Complex, Early Maturity, Large Boll Size, Tolerant to sucking pests such as jassids and aphids, Long staple length with high fibre strength |
| 13. MRC 7031 BG-II Bt. Cotton | MAHYC O C 569 BGII | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe | 160-170 days | 2.7-3.1 | Tolerant to Bollworm Complex, Medium Maturity, Tolerant to sucking pest such as jassids and aphids, Long staple length with high fibre strength, Large Boll Size |

| | | | | | | | | | |
|---|--------------------------|------|--|---------------------------------|------------------|--|-----------------|------------------|--|
| 14. MRC 7361 BG- II Bt. Cotton | MAHYC O C 571 BGII | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe | 150-160 Days | 2.5 to 2.6 | Tolerant to Bollworm Complex, Medium Maturity, Tolerant to sucking pest such as jassids and aphids, Long staple length with high fibre strength, Long staple length with high fibre strength |
| 15. MRC 7377 BG- II Bt. Cotton | MAHYC O C 567 BGII | 2020 | | Mahyco Kenya Private Limited | Mahyco, India | Altitude: 1 to 1500, AEZ: LM 3, LM 4, LM 5, L3, L4, Sites: Mwea, Perkerra, Kibos, Barwessa, Matuga, Bura and Alupe | 160-170 days | 2.4 to 3.8 | Tolerant to Bollworm Complex, Medium Maturity, Tolerant to sucking pest such as jassids and aphids, Long staple length with high fibre strength, |

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| | | | | | | | | | Long staple length with high fibre strength |
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12. NATIONAL FINGER MILLET VARIETY LIST

Species: *Eleusine corocana* L. Gaertn.

| Variety name/code | release name | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield | Special attributes |
|-------------------|--------------|-----------------|------------------|----------------------------|--|-------------------------------|-------------|---|
| 1.P-224 | 1981 | | KARI | KARI-Kakamega | 1150-1750 | 4-Mar | 5-Feb | Tolerant to lodging and blast |
| 2.Nakuru/FMI | 1996 | | KARI - Lanet BRC | KARI- Lanet | 1750-2300 | 7-May | 2 | Tolerant to cold and drought |
| 3.Kat/FM I | 2000 | | KARI | KARI-Katamani | 250-1150 | 3 | 1 | Drought tolerant |
| 4.U-15 (MARIDADI) | 2015 | | KALRO | KALRO (FCRI)-Kakamega | Western Kenya; Nyanza; Eastern counties; Rift Valley; and all Coastal counties | 3 – 4 months | 1.1 – 4.9 | Novelty:Early maturity, Blast, Striga, and lodging resistant, Drought tolerant, Brown grain |

| | | | | | | | | |
|-------------|-------------|------|-----------------------------------|--|--|----------|-------------|--|
| | | | | | | | | colour, Purple pigmentation |
| 5.OKHALE-1 | KAK-WIMBI 1 | 2016 | KALRO (Dr. Chrispus .O.A. Oduori) | KALRO FCRI [Dr. Chrispus O.A. Oduori] | Low - High Altitude areas ranging 0 – 2,500 Busia, Bungoma, Kakamega, Vihiga, Homa-bay, Migori, Kisumu, Siaya, Kisii, Nyamira, Kitui, Makueni, Machakos, Tharaka/Nithi, Embu, and Meru, Kajiado, Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot and Turkana, Lamu, Kilifi, Tana River, Kwale, Taita Taveta, Murang'a, Kirinyaga, Nyeri | 88 - 138 | 1.14 – 6.67 | Blast, <i>Striga</i> , and lodging resistant, Drought tolerant Brown grain colour, Purple nodal pigmentation, Robust plant type, Thick stem, Large open panicles |
| 6.I.E. 4115 | KAK-WIMBI 2 | 2016 | KALRO (Dr. Chrispus .O.A. Oduori) | KALRO (FCRI) [Dr. Chrispus O. A. Oduori] | Low - High Altitude areas ranging 0 – 2,500 Busia, Bungoma, Kakamega, | 88 - 131 | 1.32 – 6.06 | Blast, <i>Striga</i> , and lodging resistant, Drought tolerant, Brown grain |

| | | | | | | | | |
|--------------|-------------|------|-----------------------------------|--|---|----------|-------------|--|
| | | | | | Vihiga, Homabay, Migori, Kisumu, Siaya, Kisii, Nyamira, , Makueni, Machakos, Tharaka/Nithi, Embu, Meru, Kajiado, Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot andTurkana, Lamu, Kilifi, Tana River, Kwale, Taita Taveta, Murang'a, Kirinyaga, Nyeri | | | colour,Purple, leaf, stem, nodal, ad panicle pigmentation, Erect plant type, Straight panicles |
| 7.KACIMMI 42 | KAK-WIMBI 3 | 2016 | KALRO (Dr. Chrispus .O.A. Oduori) | KALRO (FCRI) [Dr. Chrispus O. A. Oduori] | Low - High Altitude areas ranging 0 – 2,500 Busia, Bungoma, Kakamega, Vihiga, Homabay, Migori, Kisumu, Siaya, Kisii, Nyamira, Kitui, Makueni, Embu, Machakos, Tharaka/Nithi, and Meru, | 87 - 130 | 1.29 – 6.35 | Blast, Striga, and lodging resistant, Drought tolerant, Brown grain colour,Purple nodal pigmentation,Robust plant type, Thick stem, Large open panicles. |

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|------------------|------------|------|------------------------------------|--|---|--------------------------------|---------|---|
| | | | | | Kajiado, Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot and Turkana, Lamu, Kilifi, Tana River, Kwale, Taita Taveta, Murang'a, Kirinyaga, Nyeri | | | |
| 8. Maseno 60D | MSU FM 60D | 2016 | Prof. Mathews Dida | Maseno University/Prof. Mathews Dida | Lowlands to mid altitudes 0 -1500 m above mean sea level | 2.5 -3 Months (80- 90 days) | 3.12 | Extra early maturing and drought tolerant |
| 9. KNE 741 | EUFM-401 | 2018 | EGERTON UNIVERSITY SEED UNIT | Egerton University Agropark seed Unit/ICRISAT | Lowland Areas <1500 masl including Machakos, Baringo, Kerio valley, Bomet, Narok, Tharaka, Muranga, Nyanza regions | 65-75 | 1-1.4 | Super early, Escapes drought, Tolerates heat and high temperature s, High yield in ASALs. |
| 10. KNE 629 | EUFM-502 | 2018 | EGERTON UNIVERSITY SEED UNIT | Egerton University Agropark seed Unit/ICRISAT | Medium To High Altitudes1200- 2200 masl: Nakuru, Uasin Gishu, Trans- Nzoia, Central Transmara, Bomet and | 100-120 | 1.4-2.0 | Blast resistance, Large canopy for weeds suppression , Good for fodder due high tillering |

| | | | | | | | | |
|---------------|------------------------------|------|------------------------------|---|---|----------|---------|---|
| | | | | | Kisii, Migori, Elgeyo Marakwet | | | ability, Medium maturity, High seed weight, High yielding |
| 11. SDFM 1702 | EUFM-503 | 2018 | EGERTON UNIVERSITY SEED UNIT | Egerton University Agropark seed Unit/ICRISAT | Medium To High Altitudes 1200-2200 masl: Nakuru, Uasin Gishu, Muranga, Central Transmara, Baringo, Pokot, Elgeyo Marakwet Bomet and Kisii, Migori, Baringo, Kilgoris, Narok | 90-98 | 1.5-2.5 | Long and many and fingers (>14 compared with checks with <8 fingers), Blast resistance, High tillering ability, Medium maturity, High yielding, Tolerant to bird damage due to fist fingers, Medium brown in color good for porridge. |
| 12. EUFM05 | Snapping finger millet green | 2019 | Egerton University | Egerton University | Altitude: 800-1600 masl Examples: Alupe, Bomet, Eldama ravine, Kisii, Embu and Kimaeti | 120 Days | 3-Feb | Has long fingers, Can be harvested by hand, Adaptable to sandy clay soil and loamy soil, Early maturing |

| | | | | | | | | |
|----------------|--------------|------|-------------------------------|---------------------------------------|---|-------------|----------|---|
| 13.KACIM MI 49 | KAK- WIMBI 5 | 2021 | KALRO(Dr Chrispus O.A Oduori) | KALRO(FCRI) Dr Chrispus O.A Oduori) | Altitude : 5-2,000 m.a.s.l AEZ : Lowlands – Midlands Altitude areas Sites: Busia, Kimaeti, Kisumu, Kisii, Homa Bay, Embu, Bomet, Elgeyo Marakwet | 92-132 days | 1.2-5.68 | Novelty: - Medium maturing, High yield, Features:Brown grain colour, Erect plant type |
| 14.KACIM MI 65 | KAK-WIMBI6 | 2021 | KALRO(Dr Chrispus O.A Oduori) | KALRO(FCRI) Dr Chrispus O.A Oduori | Altitude : 5-2,000 m.a.s.l AEZ : Lowlands – Midlands Altitude areas Sites: Busia, Kimaeti, Kisumu, Kisii, Homa Bay, Embu, Bomet, Elgeyo Marakwet. | 92-120 days | 1.2-4.3 | Novelty:Striga and lodging resistant, Drought tolerant, Early maturing, Features: Brown grain colour, Profuse tillering, Small to medium open panicles, Small grain size |
| 15.GBK029 646A | KIS-WIMBI 1 | 2021 | KALRO(Dr Chrispus O.A Oduori) | KALRO(FCRI) Dr Chrispus O.A Oduori | Altitude : 5-2,000 m.a.s.l AEZ : Lowlands – Midlands Altitude areas Sites: Busia, Kimaeti, Kisumu, Kisii, Homa Bay, Embu, Bomet, Elgeyo Marakwet | 89-119 days | 1.4-4.4 | Novelty: Drought tolerant, High yielding, Early maturity, Features: Whitish brown grain colour, Erect plant type, Finger |

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|---------------|-----------------------|------|-------------------------|--|---|-------------|---------|--|
| | | | | | | | | branching, Prominent grain size |
| 16.AGRY- 2 | Mavuno | 2021 | AGrosoy Seed Company | AGrosoy Seed Company | Altitude 110- 1800 m.a.s.l AEZ: Medium to High Sites : Kericho , Bomet, Kisii, Nandi, Nakuru | 90-120 days | 1.8-2.5 | Large fingers with big heads, Brown seeded (acceptable trait for the market), Resistant to lodging, birds and blast disease |
| 17.EUFM- 8 | Lama Finger Millet | 2021 | Egerton University | Egerton University Agroscience Park Seed Unit | Altitude : 1600-2000 m.a.s.l AEZ : Medium to High Sites : Kericho, Nandi, Kakamega, Kisii | 95-115 days | 1.8-2.2 | Early maturing, Brown seeded preferred by the market, High in Ca and Fe |

13. NATIONAL PEARL MILLET VARIETY LIST

Species: *Pennisetum glaucum* L. Gaertn

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------|----------|----------------------------|--|-------------------------------|-----------------------------------|--------------------------------------|
| 1.Kat/PM 1 | 2000 | KARI | KARI-Katumani | 250-1150 | 3-Feb | 2.7 | 80%bristled, Tolerant to bird damage |
| 2.Kat/PM 2 | 2000 | KARI | “ | 250-1150 | 2 | 2.3 | Grain used at dough stage |
| 3.Kat/PM – 3 | 2001 | KARI | “ | 250-1150 | 2 | 1.8 | Bold grains |

14. NATIONAL FOXTAIL MILLET VARIETY LIST

Species: *Setaria italica* L

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------|----------|----------------------------|--|-------------------------------|-----------------------------------|--------------------|
| 1. Kat/Fox-1 | 1981 | KARI | KARI-Katumani | 250-1500 | 4-Mar | 1.8 | Cream grain colour |

15. NATIONAL SORGHUM VARIETY LIST

Species: *Sorghum bicolor*

| Variety name/code | Official Release Name | Year of release in Kenya | Year of Release in other Countries | Owner(s) / Licensee | Maintainer | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain (G) and/or Forage(F) yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------------|--------------------------|------------------------------------|---------------------|------------|--|-------------------------------|--|--------------------|
| 1.Seredo | Seredo | 1970s | | KARI/KSC | KARI/KSC | 250-1750 | 4 | 2.7 (G) | Wide adaptability |

| | | | | | | | | | |
|----------------------|------------------|-------|--|----------------|---------------|-----------|-------|-----------------|--|
| 2. Serena | Serena | 1970s | | KARI/KSC | KARI/KSC | 250-1750 | 3 | 2.7 (G) | Wide adoptability |
| 3. BJ28 | BJ28 | 1978 | | KARI | KARI-Lanet | 1750-2300 | 7 | 2.5-3.0 (G) | Dual purpose |
| 4. 2K x 17 | 2K x 17 | 1981 | | KARI/KSC | KARI/KSC | 250-1500 | 3 | 2.5 (G) | Hard endosperm Dehulled to make a rice like product |
| 5. IS76 | IS76 | 1981 | | KARI/KSC | KARI/KSC | 250-1500 | 3 | 2-3 (G) | Semi hard endosperm |
| 6. IS8595 | IS8595 | 1982 | | KARI | KARI-Katumani | 250-1800 | 3 | 2.7 (G) | Grain covered by glum Low bird damage |
| 7. Gadam | Gadam | 1994 | | KARI | KARI | 0-1500 | 3 | 2-2.5 (G) | Specially adapted to coastal and semi-arid lowlands |
| 8. Ikinyaluka | Ikinyaluka | 1996 | | KARI | KARI Kakamega | 1750-2300 | 7 | 8 (F) | High quality forage |
| 9. IS 8193 | IS 8193 | 1996 | | KARI | KARI | 500-1600 | 4 | 2.5 (G) | Resistant to bird damage |
| 10. Kat/PRO I | Kat/PRO I | 1998 | | KARI/KSC | KARI/KSC | 1000-1700 | | - | - |
| 11. KARI Mtama-1 | KARI Mtama-1 | 2000 | | KARI | KARI-Katumani | 250-1800 | 3-3.5 | 3.4 (G) | Tolerant to stem borer |
| 12. E1291 | E1291 | 2000 | | KARI | KARI-LANET | 1750-2300 | 7 | 2.7 (G) 2.7 (F) | Dual purpose Good beverage quality |
| 13. E 6518 | E 6518 | 2000 | | KARI | KARI-LANET | 1750-2300 | 8 | 3.4 (G) 7.2 (F) | High quality |
| 14. Sila | Sila | 2006 | | AgriSeedCo Ltd | SEEDCO Zambia | 250-1800 | 3-3.5 | 2-4 (G), 4(F) | Dual Purpose |
| 15. KARI 16. Mtama 2 | KARI 16. Mtama 2 | 2008 | | KARI | KARI | 500-1200 | 3.5 | 3.5 | Resistant to birds |
| 16. Legio | Legio | 2008 | | KARI | KARI | 1000-2000 | 4 | 4.5 | High yield |
| 17. Kaburu | Kaburu | 2008 | | KARI | KARI | 500-1500 | 3.5 | 4 | High yield |
| 18. KARIA-SH2 | KARIA-SH2 | 2008 | | KARI | KARI | 1500-2000 | 5.5 | 4 (G) 8 (F) | Dual purpose, Tolerant to rust and cold |
| 19. LDT090 | KIBUYU | 2011 | | LELDET | LELDET | 1500-1800 | 5-Apr | 4-Mar | Wide adaptability, Dual purpose, Red seed resistant to bird damage |

| | | | | | | | | | |
|------------------------|--------------------------|------|--|--------------------------|--|---|--------------|--------------|--|
| 20. P9518A x ICSR92074 | Hybrid Mtama-1 (KSBH-01) | 2012 | | KARI | KARI Katumani | 900-1800masl (Does well in hot dry and hot humid semi-arid areas) | 3-3.5 months | 4-Feb | This is a hybrid sorghum, brown large seed, sweet stems (15+%Brix which increases after harvesting heads), high extractable starch (77.4%), drought tolerance, early to medium maturity flowering 56-59 and 100-110 days to maturity |
| 21. KenSorg2 | KS -Sorg2 | 2013 | | Kenya Seed Co. | Kenya Seed Co. | 250-1750 m.a.s.l Bungoma, Homabay, Siaya, Embu, Kakamega | 2.5-3.5 | 2.0-3.0 T/Ha | High milling capacity, Anthracnose tolerance, Ergot tolerance |
| 22. Kensorg5 | KS- Sorg1 | 2013 | | Kenya Seed Co. | Kenya Seed Co. | 200-1800 m.a.s.l Bungoma, Homabay, Siaya, Embu, Kakamega | 2.5-3.5 | 2.5-3.2 T/Ha | Tolerance to bird damage, Tolerance to Ergot |
| 23. MUSVT53B | RUT53 | 2016 | | Rongo University College | Western and Eastern Kenya agro-ecologies | | 3-4 months | 2.2-3.6 | Striga tolerant, tolerant to low phosphorus, tolerant to bird damage, tolerant to acid soils, tolerant to head smut |
| 24. MUSV NYADUNDO | NYADUNDO | 2016 | | Rongo University College | Western and Eastern Kenya agro-ecologies | | 3 months | 2.5 - 3.0 | Drought tolerant, tolerant to bird damage, stay green, moderately tolerant to striga and acid soil , tolerant to head smut, |
| 25. MUSV95A | RUE95 | 2016 | | Rongo University College | Western and Eastern Kenya agro-ecologies | | 3 months | 2.5-3.0 | Drought tolerant, tolerant to Aluminium toxicity |

| | | | | | | | | | |
|----------------|---------------|------|--|-----------------------------|--|--|------------|---------|--|
| | | | | | | | | | and low available phosphorus |
| 26. 23012 | ADV23012 | 2016 | | Advanta Seeds International | Kiboko, Kitui, Rwika, Katumani, Kilima mbogo | | 3 months | 2.5-6.0 | Dwarf hybrid - short in height - suitable for mechanical harvesting - good for big farms, Dwarf hybrid - tolerant to lodging, Tolerant to drought, Grain suitable for food, feed and brewery |
| 27. KENSORG 11 | KS-KENSORG-11 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 200-15000 m asl Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia | 3 Months | 2-3.5 | Drought tolerant, resistant to diseases, It does well in Eastern & Nyanza, Poorly performed in Kimaeti, Bukura & Busia |
| 28. KENSORG 12 | KS-KENSORG-12 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia | 3 Months | 2-3.5 | Drought tolerant, resistant to diseases |
| 29. KENSORG 13 | KS-KENSORG-13 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia | 3-4 months | 4-Feb | Drought tolerant, resistant to diseases |
| 30. KENSORG 14 | KS-KENSORG-11 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 200-15000 m asl: Eastern parts of Kenya, Homa Bay , Kimaeti, Bukura and Busia | 3-4 months | 4-Feb | Drought tolerant and resistant to diseases |
| 31. SC Smile | SC Smile | 2016 | | Agri seed co limited | Agri seedco limited | Lowland to medium altitudes – Upto 1500 m.a.s.l e.g. Busia, Kitui, Kisumu, Machakos, Embu, Meru, Homabay, Bomet, Thika, Kilifi, Migori, Baringo, Bungoma & Makueni | 3 Months | 2.5 - 3 | Tolerant to bird damage due to its red seeded colour, Reduced lodging as a result of short stature and strong stalks, It has good tolerance to both |

| | | | | | | | | | |
|--------------------|------------------------|------|--|-----------------------|---|---|---------------|---------------------------------------|--|
| | | | | | | | | | drought and heat, Satisfactory high yield potential across a wide range of environments, Tolerant to leaf blight and sooty stripe, Suitable for malting. SDU (sorghum diastatic units) 26-29 (spec 25-35); Solubility 100 % (spec >90%); Moisture – 6 % (spec 5-10%) |
| 32. EUSH1 | Egerton Sorghum Hybrid | 2016 | | Egerton university | Prof Erick Cheruiyot & Dr. James Owuoché Source: ICRISAT | Agro ecological zone lower midland LM1-LM3, Altitude range:1300-1500 | 3 months | 4.5 | Grain suitable for malting and brewing |
| 33. SWEET SORG 4 | KS-SWEET SORGH 4 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 250-1750 masl. Mwea, Homabay, Bungoma | 81 – 97 days | 2.9 | High milling capacity |
| 34. MSWEET SORG 14 | KS-SWEET SORG 14 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 200-1750 masl Homabay, | 85 – 100 days | 3.83 | Dual purpose, high brix yield |
| 35. SWEET SORG 17 | KS – SWEET SORG 17 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 200-1000 masl Mwea, Homabay, Bungoma | 75 – 85 days | 3.12 | High stalk and juice yield and brix yield |
| 36. WEET SORG 21 | KS – SWEET SORG 21 | 2016 | | ICRSAT/KSCO | Kenya Seed Company | 1800-1500masl Mwea , Kitui , Machakos, Kagio | 90 – 130 days | 3.2 | Brix 13.0% |
| 37. KARI/ACF003/12 | Kak sweet Sorgh1 | 2016 | | KALRO (G. B. Ashiono) | KALRO NRI (G.B.Ashiono) | Areas ranging from 500 – 1800 M.a.s.l. Western Kenya: Kakamega, Vihiga, Bungoma and Busia. Nyanza: Siaya, Migori, Homabay and Kisumu, Nakuru, Kericho, Naivasha, Kajiado, | 4-5 months | 2 (Grain). 16% Brix, 12% total Sugars | This is a brown midrib sweet sorghum which is dual purpose, with sweet stems, white large grains, Drought tolerant, Medium maturity, |

| | | | | | | | | | |
|------------|---------|------|--|--------------------|---|--|--|--|---|
| | | | | | | Narok, Bomet, Baringo, Elgeyo Marakwet, West Pokot, and Turkana, Nyeri and Nyandarua | | | Suitable for ethanol production |
| 38. EUSS10 | EUSS10 | 2016 | | Egerton university | Prof Erick Cheruiyot & Dr. James Owuoche, Source: ICRISAT | Agro ecological zone lower midland to Upper Midland LM1- UM Altitude range:1200-2200 | 3-4 months | Grain: 1.3, Stalk: 40, Ethanol: 644 L/ha | Stalk rich in sugars fermentable, Good for ethanol production and animal feed |
| 39. EUSS11 | EUSS11 | 2016 | | Egerton university | Prof Erick Cheruiyot & Dr. James Owuoche Source: ICRISAT | Agro ecological zone lower midland LM1 Altitude range:1200-1500 | 100 days | Grain 2.4, Stalk 44, Ethanol 838 L/ha | Stalk rich in fermentable sugars, |
| 40. E97 | RUE97 | 2017 | | Rongo University | Rongo University | Western Kenya (Kakamega county), around the low land areas of Lake Victoria basin (Homabay, migori,siaya, Kisumu, busia,), Eastern Kenya, (Machakos, Kitui, Embu | 90 days | 4-4.5 | Tolerance to Eggot, head smut, Drought tolerant, Moderately tolerant to striga and tolerant to aluminium toxicity and low levels of phosphorous in the soil |
| 41. 7031 | ADV7031 | 2018 | | Advanta Seeds | Advanta Seed International | Low to moderately high rainfall (450 to 750 mm annual rainfall) | 69 Days to Midbloom, 115 Days to Harvest | 3.2 – 4.0 | Late maturing and high yielding cream hybrid, Semi open head type, Resistant to Greenbug pest and midge, Excellent drought tolerance |
| 42. 7450 | ADV7450 | 2018 | | Advanta Seeds | Advanta Seed International | Low to moderately high rainfall (450 to 750 mm annual rainfall) | 68 Days to Midbloom, 115 Days to Harvest | 3.0 – 3.5 | Late maturing and high yielding cream hybrid, Semi open head type, Resistant to Greenbug pest, Excellent drought tolerance |

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|--------------------------------|-----------|------|--|--------------------|----------------------------|---|--|-----------|--|
| 43. 7431 | ADV7431 | 2018 | | Advanta Seeds | Advanta Seed International | Low to moderate rainfall (450 to 650 mm annual rainfall) | 68 Days to Midbloom, 115 Days to Harvest | 3.2 – 3.8 | Late maturing and high yielding cream hybrid, Semi Open head type, Resistant to Greenbug and sugarcane aphids pests, Excellent stay green hence suitable for both grain and fodder, Excellent drought tolerance, Very good plant uniformity |
| 44. 12GS9002 | SC XH 101 | 2018 | | CHROMATIN / SEEDCO | CHROMATIN | Lowland to Medium altitudes like Kwale, Taveta, Embu, Machakos, Kitui, Thika, Embu, Baringo, Kisumu, Homabay, Busia and Bungoma | 3.5 to 4 Months | 5-Mar | Light brown grain coloured sorghum, Low tannin hence suitable for brewing, Large plants hence suitable for use as fodder crop / forage, Tolerance to leaf diseases such as rusts (Puccinia purpurea) blight (Exserohilum turcicum) and sooty stripe (Ramulispora sorghi) |
| 45. KALSb-OP4-32-01 (KAM 32-1) | Kamani | 2019 | | KALRO | KALRO-KATUMANI | Altitude:500 – 1800 masl AEZ: LM 4-5 Examples: Kitui, Makueni, Machakos, Meru, Embu, Busia, Homabay and Siaya | 90 -100 Days | 3.5 – 4 | Good malting quality, Big seeded, White seeded, Short plants suitable for machine harvests, Drought tolerant, Tolerant to low temperatures, Has very low tannin (sweet grain), Good for de-hulling |

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|--------------|--------|------|--|---------------|---------------|---|--|-----------------------------|---|
| 46. SWSB8001 | TEX 14 | 2023 | | Agventure Ltd | Agventure Ltd | Altitude:1200m – 1900m AEZ:UM (1-3),4-5;LM(1-3),4-5;L(1-3), 4-5 Sites: Bahati, Kabarak,Timau,Lengetia, Athi River, Njoro, Mau Narok. | 3-4 months after planting 1.5-2 months for regrowth | 60 to 75 fresh weight | Multi cut forage, 3-4 per cropping season, high regrowth capacity, high nutritional quality fodder interms of energy, protein, and fibre, can be used for green chop and silage, Tex 14 is a sorghum x sudan so is a low risk hybrid for prussic Acid poisoning, dry matter content of 30% |
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16. NATIONAL BARLEY VARIETY LIST

Species: *Hordeum vulgare*

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha-1) | Special attributes |
|-------------------|-----------------|------------|-------------------------------------|--|-------------------------------|-----------------------|--|
| 1. Tumaini | 1978 | EABL/ KARI | East African Breweries Ltd and KARI | 2100-2400 | 4.5 | 4.3 | Malting |
| 2. Bima | 1984 | EABL /KARI | East African Breweries Ltd and KARI | 1800-2400 | 4.5 | 3 | Malting, Resistant to leaf rust (<i>Puccinia hordei</i>) |
| 3. Ahadi | 1989 | EABL /KARI | Kenya Breweries Ltd | Above 2400 | 4.5 | 4.6 | Malting, Resistant to scald |
| 4. Sabini | 1993 | EABL | Kenya Breweries Ltd | Above 2100 | 4.5 | 3.81 | Moderately resistant to Scald and leaf rust, Malting |

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|------------------|------|-------------------|---|---|--|-------|--|
| 5. Ngao | 1993 | KBL | Kenya Breweries Ltd | 1500-1800 | 3 - 3.5 | 9-Feb | Early maturity |
| 6. Bahati | 1997 | EABL /KARI | Kenya Breweries Ltd | 500 - 1800 | 4.5 | 5.1 | Moderate/good resistance to Scald and leaf rust, Has strong straw, Malting |
| 7. Karne | 2001 | EABL | Kenya Breweries Ltd | 1800 - 2100 | 5-Apr | 4 | Good resistance to BYDV and Scald, Malting |
| 8.QUENCH | 2013 | SYNGENTA | EAML & Syngenta | Mau escarpment (Mau Narok, Oikurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400} | 6 Months | 6-Apr | Resistant to lodging, High malting quality |
| 9.PUBLICAN | 2013 | SYNGENTA | EAML & Syngenta | Mau escarpment (Mau Narok, Oikurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400} | 6-6.5 months | 8-Jun | Resistant to lodging, Disease resistant (net & spot blotches), High malting quality |
| 10. NFC TIPPLE | 2013 | SYNGENTA | EAML & Syngenta | Mau escarpment (Mau Narok, Oikurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400} | 6 Months | 8-Jun | Resistant to lodging, High malting quality |
| 11.COCKTAIL | 2013 | SYNGENTA | EAML & Syngenta | Mau escarpment (Mau Narok, Oikurto, Oloropil and Olchoro) and Upper Eastern (Timau area). {1800-2400} | 6-6.5 months | 7-May | Resistant to lodging, High malting quality, Disease tolerant |
| 12.GRACE | 2015 | EABL | UOE/EABL Research and GMS | High and Medium altitude regions (1800-2600) | 5.5 months at high altitude/ 4.5 months at low altitude | 7-May | Large grain size, Ear length-long, Ears-drooping, Tolerant to net blotch, scald, Resistant to Lodging, Medium maturing, Better malting/brewing qualities |
| 13.ALICIANA | 2015 | EABL | UOE/EABL Research and GMS | High and Medium altitude regions (1800-2600) | 5 months at high altitude / 4.5 months at low altitude | 6-Apr | Large grain size, Long ear length, Drooping ears, Tolerant to net blotch, scald, Resistant to lodging |
| 14.CERISE LAUREL | 2015 | EABL | UOE/EABL Research | Medium and low altitude regions (500-1800) | 4 months at low altitude | 5-Apr | Resistant to BYDV, Net blotch and Scald, Early maturing, Tolerant to moisture stress |
| 15. RGT Planet | 2022 | Agventure Limited | Maintainer: Agventure Limited, Source:RAGT Semences | Altitude: 1800-2600 masl AEZ: LH 3-4 Sites: Timau, Narok, Mau Narok, Nakuru (Njoro, Kabarak, Bahati, | 5-5.5 months at medium altitude, 6-6.5 months at high altitude | 8-Jun | Moderately good resistance to net blotch, High malting quality, Resistant to lodging |

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| | | | | Molo), Eldoret (Moiben, Chepkoilel) | | | |
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17. NATIONAL RICE VARIETY LIST

Species: *Oryza sativa* L.

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months/days) | Grain yield (t ha ⁻¹) | Special attributes |
|--------------------|-----------------|---------------------|------------------------------|--|------------------------------------|-----------------------------------|---|
| 1. Basmati | | KARI | KARI-Kibos | ND | ND | ND | ND |
| 2. Sindano | | KARI | KARI-Kibos | ND | ND | ND | ND |
| 3. NERICA 1 | 2009 | KARI | KARI (Mwea & Kibos) | 15-1700 | 90-100 | 2.5-5.5 | Aromatic, Blast tolerant, Long grains |
| 4. NERICA 4 | 2009 | KARI | KARI (Mwea & Kibos) | 15-1700 | 90-112 | 3.2-6.5 | Blast tolerant, Long grains |
| 5. NERICA 10 | 2009 | KARI | KARI (Mwea & Kibos) | 15-1700 | 86-93 | 3.5-6.7 | Early, Long grains, Blast tolerant |
| 6. NERICA 11 | 2009 | KARI | KARI (Mwea & Kibos) | 15-1700 | 90-105 | 5-Mar | High ratooning ability, Long grains, Tolerant to blast & drought |
| 7. Dourado Precose | 2009 | KARI | KARI (Mwea & Kibos) | 15-1700 | 95-115 | 2.3-5.5 | Beardless |
| 8. Trenasse | 2010 | Africe seed company | Africe seed company- Malindi | 0-1700 | 3.5-4 | 6.0-8.1 | Early maturing, High ratooning, Excellent threshability & milling quality, Non – aromatic, semi dwarf, long grain, Intermediate amylose content, Cooks dry & non sticky, Intermediate gelatinization temperature, Resistant to blast, brown spot and stem borer |
| 9. SC 213 | 2010 | Africe seed company | Africe seed company- Malindi | 0-1700 | 4-4.5 | 6.2-9.6 | Long grain, high tillering ability, resistant to lodging, Non aromatic, good milling quality, Intermediate amylose content, Cook dry & non sticky, good threshing ability, Resistant to blast & stem borer |

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|---|------|---------------------------------|----------------------------------|---|--------------|-----------|---|
| 10. NIBAM 10 | 2010 | National Irrigation Board (NIB) | NIB / MIAD | 15 - 1700 | 90 - 100 | 3.5 – 6.0 | Aromatic, Tolerant to rice yellow mottle virus (rymv), Long slender grains, awned, No anthocyanin, high ratooning ability |
| 11. NIBAM 11 | 2010 | National Irrigation Board (NIB) | NIB / MIAD | 15 - 1700 | 95 - 112 | 3.2 – 6.5 | Aromatic, Tolerant to rice yellow mottle virus (rymv), Long slender grains, awned, No anthocyanin, high ratooning ability |
| 12. NIBAM 108 | 2010 | National Irrigation Board (NIB) | NIB / MIAD | 15 - 1700 | 135 - 145 | 10-Jun | Medium maturing, non aromatic, Long grains, tolerant to blast, awnless, No anthocyanin, high tillering capacity |
| 13. NIBAM 109 | 2010 | National Irrigation Board (NIB) | NIB / MIAD | 15 - 1700 | 135 - 150 | 12-Aug | Late maturing, nonaromatic, Short thick grains, tolerant to blast, Awnless, no anthocyanin, Very high tillering capacity |
| 14. NIBAM 110 | 2010 | National Irrigation Board (NIB) | NIB / MIAD | 15 - 1700 | 110 - 120 | 3.0 – 5.0 | Medium early maturing, Tolerant to rice blast & rymv, Non aromatic, long slender grain, Awnless, no anthocyanin |
| 15. TXD306 | 2013 | ARI - KATRIN | ARI - KATRIN | Irrigated and rain-fed lowland ecosystems | 2.5-3 | 4.5-6.0 | Aromatic Paddy Rice, Good eating & cooking qualities, Good milling quality, Moderate tolerant to some RYMV and blast disease strains |
| 16. IR-05N221 | 2013 | KARI-MWEA/IRRI | KARI-MWEA | Irrigated and rain-fed lowland ecosystems | 2.5-3 | 4.0-6.7 | Aromatic Paddy Rice, Good eating & cooking qualities, Good milling quality, Moderate tolerant to some RYMV and blast disease strains |
| 17. KEH10004 (ARIZE 6444 Gold/ INH1001) | 2014 | Bayer Cropscience, Germany | Bayer Bioscience PVT. Ltd, India | | 135-145 days | 7.5-9.0 | Highly tolerant to Bacterial leaf blight (<i>Xanthomonas oryzae</i> pv. <i>oryzae</i>), Moderately tolerant to blast, Hybrid of medium-late duration, Medium slender grain, Slightly aromatic, Resistant to lodging, No chaffiness, Good milling yield (70 %) |
| 18. KEH10005 (ARIZE TEJ Gold/INH 11001) | 2014 | Bayer Cropscience, Germany | Bayer Bioscience PVT. Ltd, India | | 125-135 days | 7.0-8.0 | Highly tolerant to Bacterial leaf blight (<i>Xanthomonas oryzae</i> pv. <i>oryzae</i>), Moderately tolerant to blast, Hybrid of early duration, Long slender high-quality grain, Slightly aromatic, Resistant to lodging, No chaffiness, Excellent milling yield (72 %) |

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|-----------------|------|-----------------------|----------------------------------|---|----------|--------|--|
| 19. FEXH004 | 2018 | Afritec Seed Ltd | Afritec Seeds Ltd | Suitable areas from 5 to 1200m. Best above 500m | 97 days | 9.2 | Aromatic: 175ppb Basmati 370 = 175ppb of 2-AP, The aroma component, Good seed yields: Long Slender Grain |
| 20. AFEXH001 | 2018 | Afritec Seed Ltd | Afritec Seeds Ltd | Best suited for areas below 500m | 102 days | 8.1 | Aromatic: 90ppb Basmati 370 = 175ppb of 2-AP, The aroma component, Very high yields in high altitudes |
| 21. S5505*AT013 | 2018 | AATF/ FreshCo | AATF/HEAL | Suited for all rice production areas in Kenya | 99 days | 9.3 | Good to excellent seed yields |
| 22. S5517*AT013 | 2018 | AATF/ SeedCo | AATF/HEAL | Suited for all rice production areas in Kenya | 98 days | 9.5 | Good to excellent seed yields |
| 23. S5509*AT013 | 2018 | AATF/Afritec Seed Ltd | Afritec Seeds Ltd | Suitable for all production areas of Kenya. Broad adaptation to moisture stress | 99-124 | 9.62 | Excellent Seed Yields, Excellent field yields, adapted to both rainfed and irrigated conditions' |
| 24. AT054 | 2018 | Afritec Seed Ltd | Afritec Seeds Ltd | Suitable from 20 msl to 1200msl. Best in areas above 500m, including Mwea and the Lake Basin | 84-135 | 7.94 | Aromatic Basmati-like OPV with higher aroma levels than Basmati 370 (Aroma is over 220ppb) |
| 25. S5517*AT014 | 2018 | AATF/Afritec Seed Ltd | Afritec Seeds Ltd | Suitable for all rice growing areas in Kenya; slightly better in altitudes above 500m Such as Mwea and Western Kenya | 98-126 | 9.2 | Very high seed production values, Early maturing, High milling value, long slender grain |
| 26. S5505*AT034 | 2018 | AATF/Afritec Seed Ltd | AATF/HEAL | Suitable for all rice growing areas in Kenya, but slightly better in areas below 500m such as Hola ,Bura,Kisumu and Malindi | 102-129 | 9.45 | High seed production values, Hybrid variety, Early maturing, High milling value, long grain |
| 28. AH19007 | 2021 | AATF | Hybrids East Africa Limited/AATF | Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo | 126 days | 10-Jul | Locally developed 2-line hybrid rice using TGMS, Long grain, Lodging resistant |

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|-------------------------|------|----------------------------|----------------------------------|--|----------|--------|--|
| 29. ATH931 (AH19003) | 2021 | Afritec Seeds Limited/AATF | Afritec Seeds Limited | Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo | 122 days | 10-Jul | Locally developed 2-line hybrid rice using TGMS, Long grain, Lodging resistant |
| 30. AH19006 | 2021 | AATF | Hybrids East Africa Limited/AATF | Altitude: 10-1200 m.a.s.l AEZ: Irrigated production Sites: Mwea, Bura, Ahero, Malindi, Hola, Bunyala, Kisumu, Bondo | 119 days | 10-Jul | Locally developed 2-line hybrid rice using TGMS, Long grain, Lodging resistant, Early maturing |

18. NATIONAL WHEAT VARIETY LIST

Species: *Triticum aestivum* L.

| Variety name/code | Official Release Name | Year of release in Kenya | Year of Release in other Countries | Owner(s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (days) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------------|--------------------------|------------------------------------|---------------------|----------------------------|--|-----------------------------|-----------------------------------|-----------------------------------|
| 1. Kenya Tembo | Kenya Tembo | 1975 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1800-2100 | 120-140 | 1.3 - 1.8 | Lodging resistance |
| 2. Kenya Kongoni | Kenya Kongoni | 1975 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1800-2700 | 120-140 | 1.3 - 1.6 | Acid soil tolerant |
| 3. Kenya Fahari | Kenya Fahari | 1977 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1800-2400 | 110-130 | 1.1- 1.6 | Resistant to Russian wheat aphid |
| 4. Kenya Nyumbu | Kenya Nyumbu | 1982 | | KARI/Kenya Seed Co. | KARI | 1800-2100 | 125-145 | 1.3 - 1.8 | Resistant to stem rust |
| 5. Kenya Mbuni | Kenya Mbuni | 1987 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1800-2400 | 120-140 | 2.8- 6.0 | High yielding |
| 6. Kenya Kwale | Kenya Kwale | 1987 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 2100 - 2400 | 130 | 2.8 - 6.7 | High yielding, Tolerant to sprout |

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|------------------|---------------|------|-----|---------------------|---------------------|------------|-----------|-----------|---|
| 7. Kenya Pasa | Kenya Pasa | 1989 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1800-2400 | 120-140 | 2.3-6.7 | High yield, Resistant to lodging |
| 8. Kenya Chiriku | Kenya Chiriku | 1989 | | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1800-2400 | 120-140 | 2.6-6.0 | Resistant to rust |
| 9. Kenya Duma | Kenya Duma | 1998 | | KARI | KARI Njoro | <1800 | 75-90 | 2.0 - 3.4 | Drought tolerant & Early maturity |
| 10. Kenya Mbega | Kenya Mbega | 1998 | | KARI | KARI | 1800-2100 | 135 | 3.0 - 6.8 | High yielding, Resistant to leaf rust |
| 11. Ngamia | Ngamia | 1998 | | KARI | KARI | 1800-2400 | 90-100 | 1.8 - 3.6 | Drought tolerant |
| 12. Kenya Chozi | Kenya Chozi | 1999 | | KARI | KARI | 1500-1800 | 130-135 | 2.3 - 5.6 | Drought tolerant |
| 13. Kenya Heroe | Kenya Heroe | 1999 | | KARI | KARI | 2100-2400 | 135 | 3.5 - 7.2 | High yielding |
| 14. Kenya Yombi | Kenya Yombi | 1999 | | KARI | KARI | 1800-2100 | 110-120 | 3.3 - 7.0 | High yielding |
| 15. KS Mwamba | KS Mwamba | 2001 | | Kenya Seed Co. | Kenya Seed Co. | 1500-2400 | 120-130 | 2.0-5.6 | Wide adaptation, High yield |
| 16. Njoro BW1 | Njoro BW1 | 2001 | | KARI | KARI | 1800-2400 | 90-100 | 2.2-4.7 | Drought tolerant, High protein content |
| 17. Njoro BW2 | Njoro BW2 | 2001 | | KARI | KARI Njoro | 1800-2400 | 110-120 | 3.7-8.0 | Tolerant to acid soil, Resistant to lodging |
| 18. KS Simba | KS Simba | 2007 | | Kenya Seed Co. | Kenya Seed Co. | 1500-2400 | 116 | 2.5-5.0 | Suitable for both marginal and high potential areas, Good baking quality |
| 19. Farasi | Farasi | 2007 | | Kenya Seed Co. | Kenya Seed Co. | 1800-2400 | 119 | 2.5-5.0 | Resistant to most foliar diseases, Good baking quality |
| 20. Kenya Ibis | Kenya Ibis | 2008 | | KARI | KARI Njoro | 1500-1800 | 3.5 - 4.0 | 6-Mar | Drought tolerant, Tolerant to stem rust, Good baking qualities |
| 21. KS-Chui | KS-Chui | 2008 | | Kenya Seed Co. | Kenya Seed Co. | 1800-2400 | 4 | 1.5 - 3.0 | Adapted to high potential and marginal areas, Good tolerance to foliar diseases |
| 22. KSRR 2 | Kenya Robin | 2011 | N/A | KARI | KARI-NJORO | 1800-2700m | 3.5 | 7.0-8.0 | Bred for adult plant resistance to stem rust (Ug99 strain), Early maturing and widely adopted, Does well in low to high altitude (lower |

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|------------|---------------|------|-----|------|------------|------------|--------------|---------|---|
| | | | | | | | | | Narok, Timau and Mau Narok, Large grains with a test weight of 48g/1000kennels, High protein content (12.5) and good milling and baking qualities |
| 23. KSRR4 | Eagle 10 | 2011 | N/A | KARI | KARI-NJORO | 1800-2100m | 3.5 | 6.0-7.0 | Good resistance to stem rust (Ug99 strain), Very early maturing hence suitable for drought prone areas like Mweiga, lower Narok and Rongai, Long grained with high protein content of 13%, Very good baking quality. |
| 24. KSRR10 | Kenya Hawk12 | 2012 | | KARI | KARI-Njoro | 2100-2400 | 120-130 days | 7.5 | Red hard grain with resistance to both lodging and sprout, High test weight and baking qualities, May be good for areas that receive rain during harvesting like Mau Narok and Timau, Resistant to both stem rust and yellow rust |
| 25. KSRR5 | Kenya Tae | 2012 | | KARI | KARI-Njoro | 1800-2100 | 100-120 days | 6.5 | Resistant to both stem rust and yellow rust, Red hard grain with heavy biomass, May be well adopted by farmers who use straw for livestock feed. |
| 26. KSRR6 | Kenya Sunbird | 2012 | | KARI | KARI-Njoro | 1800-2100 | 100-120 days | 6.8 | Resistance to both yellow and stem rust. High biomass, High protein content. Suitable for whole grain chapatis and baking. |
| 27. KSRR7 | Kenya Wren | 2012 | | KARI | KARI-Njoro | 2100-2400 | 120-130 days | 8.1 | Has adult plant resistance to both yellow and stem rust diseases, Large red hard grain with excellent flour conversion, High protein content, good for home |

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|----------------|-------------------|------|--|--------------------------|--------------------------|--|------------------------------|---------------------|--|
| | | | | | | | | | baking and chapattis, Tolerant to acidic soils |
| 28.KSRR8 | Kenya Korongo | 2012 | | KARI | KARI-Njoro | Below 1800 | 100-120 days | 7 | White hard grain, Very high flour conversion with good baking qualities, Recommended for dry areas like Rongai and Naivasha |
| 29.KSRR11 | Kenya Kingbird | 2012 | | KARI | KARI-Njoro | Below 1800 | 100-120 days | 6 | Developed for Adult plant resistance to both stem rust and yellow rus, A good parent in breeding especially for rust diseases, White grain with very high test weight and flour conversion |
| 30.09B4 | KS-Kanga | 2013 | | Kenya Seed Co. | Kenya Seed Co. | 1800-2500 Narok, Nanyuki, Uasin Gishu, Njoro | 3-4.5 | 1.8- 3.8 T/ha | Tolerant to glume blotch, ear- rot, stem rust, Good tillering ability, Good baking quality, Slow rusting |
| 31.08B42 | KS-Nyota | 2013 | | Kenya Seed Co. | Kenya Seed Co. | 1800-2500 m.a.s.l - Narok, Rumuruti, Rongai, Lanet, Uasin Gishu | 44624 | 1.8- 3.5 T/ha | High yield, Good tillering ability, 72.35 extraction test, Medium sprouting, Stable dough |
| 32.CHEP BW2 | Eldo Baraka | 2014 | | University of Eldoret | University of Eldoret | 1500-2700 And as rotation crop in bimodal rainfall areas | 3/4/2022 (90-130 days) | 3.2- 4.5 | Resistant to stem rust of wheat Ug99, Moderately Drought tolerant, medium maturing, Erect and non lodging suitable for combine harvesting, Tolerant to Fusarium wilt and high acidity, Red seeded |
| 33.CHEP BW4 | Eldo Mavuno | 2014 | | University of Eldoret | University of Eldoret | Medium to high rainfall ,areas such as Eldoret, Kitale, Nakuru and Narok. | 120-135 days | 4.5- 5.5 | Stem rust resistant, good, baking quality, high gluten, resistant to lodging |
| 34.R1238 | Kenya Hornbill | 2016 | | KALRO | KALRO Njoro | 1800 – 2100 MASL Examples of optimal growing areas: Njoro, Rongai, Endebees, Kinamba, Moiben | 110 – 120 | 7.5 | White hard grain; high grain protein content, good for home baking (e.g. Chapatis), High adult plant resistance to yellow rust and moderate |

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| | | | | | | | | | resistance to stem rust; tolerant to soil acidity |
| 35.R1244 | Kenya Deer | 2016 | | KALRO | KALRO Njoro | Below 1800 MASL Examples of optimal growing areas: Lower Narok, Lanet, Naivasha | 100 – 110 | 7.8 | White hard grain; good for home baking (e.g. Chapatis), High adult plant resistance to stem and yellow rusts; early maturity |
| 36.R1271 | Kenya Weaverbird | 2016 | | KALRO | KALRO Njoro | 1800 – 2100 MASL Examples of optimal growing areas: Njoro, Rongai, Endebees, Kinamba | 110 – 120 | 8 | Amber –to – red colored hard grain; good bread making quality, High adult plant resistance to stem rusts, Moderate to high tillering ability with well filled spikes, Good ability to tolerate drought, partly due to the variety's high foliage glaucosity/waxiness |
| 37.R1286 | Kenya Peacock | 2016 | | KALRO | KALRO Njoro | 2100 – 2400 MASL Examples of optimal growing areas: Mau Narok, Timau | 120 – 130 | 8.2 | Amber –to – red colored hard grain; high grain protein; excellent bread making quality, High Adult Plant Resistance to both Stem and Yellow Rusts |
| 38.R1301 | Kenya Falcon | 2016 | | KALRO | KALRO Njoro | 2100 – 2400 MASL Examples of optimal growing areas: Mau Narok, Timau | 100 – 115 | 8 | Red colored hard grain; good bread making quality, Excellent seedling and adult plant resistance to stem rust; highly resistant to yellow rust, Long, well filled spikes; medium Maturity |
| 39.R1302 | Kenya Songbird | 2016 | | KALRO | KALRO Njoro | 1800 – 2100 MASL Examples of optimal growing areas: Njoro, Rongai, Endebees, Kinamba, Upper Narok | 110 – 120 | 8.2 | Amber –to – red colored hard grain; high grain protein; good bread making quality, Moderate Adult Plant Resistance to both Stem and yellow rusts; medium maturity |
| 40.R1305 | Kenya Pelican | 2016 | | KALRO | KALRO Njoro | 2100 – 2400 MASL Examples of optimal | 120 – 130 | 8.5 | Red colored hard grain; good bread making quality, High |

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| | | | | | | growing areas: Mau Narok, Timau | | | adult plant resistance to stem and yellow rusts |
| 41.013B31 | KS Wheat 04 | 2018 | | KSCo | KSCo | 1800 - 2500 m.a.s.l. (Timau, Narok, Nanyuki, Nakuru, Uasin Gishu, Trans Nzoia) | 110 Days | 3.85 | Spring type; >7 Tillers per plant hence good tillering ability, Average height 90cm, Good stem rust resistance 2/5 (APR to Sr & Yr), Rred-coloured hard grains, Good milling and for bread baking (i.e. whole grain bread), Resistant to lodging |
| 42.R1494 | Kenya Kasuku | 2019 | | KALRO | KALRO-NJORO | Altitude:800 – 2400 masl AEZ: LH2, LH3, UH2, UH3 Examples: Njoro, Mau-Narok, Upper Narok, Timau, Oljororok, Kinamba, Moiben | 110 -120 Days, (Medium) | 7.0 – 8.0 | Red hard grain, Good milling and baking qualities, Moderately resistant to original Ug99 races. In warmer weather, susceptible to “isolate TTKTT” and integrated management will be required, Long well filled spikes, Semi dwarf; resistant to lodging |
| 43.R1495 | Kenya Jacana | 2019 | | KALRO | KALRO-NJORO | Altitude:800 – 2400 masl AEZ: LH2, LH3, UH2, UH3 Examples: Njoro, Mau-Narok, Upper Narok, Timau, Oljororok, Kinamba, Moiben | 110 -130 Days (Medium-slightly late) | 6.5 - 8.0 | Red hard grain, Good milling and baking qualities, Moderately resistant to original Ug99 races. In warmer weather, susceptible to “isolate TTKTT” and integrated management will be required, High tillering ability, Semi dwarf; resistant to lodging |
| 44.R1573 | Kenya Impala Impala | 2020 | | KALRO | KALRO-NJORO | Altitude: 1800 -2400 masl AEZ: LH2, LH3, UH2, UH3 Example of Sites: Njoro, Moiben, Lower Narok, Timau, Oljororok) | 90 -100 Days (Early) | 7.0 – 8.0 | White Hard Grain, Good milling and baking qualities, Resistant to yellow rust, Moderate to high resistance to stem rust subject to seasonal disease pressure, Resistant to lodging , Well filled and closed spikes |

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|----------|--------------|------|--|-------|-------------|---|---------------------------------------|-----------|--|
| 45.R1575 | Kenya Hyrax | 2020 | | KALRO | KALRO-NJORO | Altitude: 1800 -2400 masl AEZ: LH2, LH3, UH2, UH3 Example of Sites: Njoro, Moiben, Narok, Timau, Oljororok) | 100 -120 Days (Slightly Early-Medium) | 6.5 - 7.5 | Red Hard Grain, Good milling and baking qualities, Resistant to yellow rust, Moderate to high resistance to stem rust subject to seasonal disease pressure, High tillering ability |
| 46.R1585 | Kenya Pweza | 2021 | | KALRO | KALRO NJORO | Altitude: 1800-2400 m.a.s.l AEZ: LH2, LH3, UH2, UH3 Site: Njoro, Moiben, Lower Narok, Kinamba, Oljororok | 90-100 days(Ealy) | 6.5- 7.5 | Red hard grain, Early maturity, Moderate resistance to “Ug99” races of stem rust, High tillering ability, Good milling and baking qualities, Semi dwarf ; tolerant to lodging |
| 47.R1601 | Kenya Turaco | 2021 | | KALRO | KALRO Njoro | Altitude: 1800-2400 m.a.s.l AEZ: LH2, LH3, UH2, UH3 Sites: Njoro, Mau Narok, Upper Narok, Kinamba, Timaug | 110-120 days (Medium) | 6.0- 8.0 | White Hard Grain, Medium maturity, Moderate resistance to “Ug99” races of stem rust, High biomass-suitable source of straw for hay, Good milling and baking qualities, Semi-dwarf; tolerant to lodging |

19. NATIONAL COMMON BEAN VARIETY LIST

Species: *Phaseolus vulgaris* L.

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield(t ha-1) | Special attributes |
|------------------------------|-----------------|----------|----------------------------|--|-------------------------------|----------------------|---|
| 1. Mwiternia (GLP 92) | 1982 | KARI/KSC | KARI/KSC | 900-1600 | 3-Feb | 1.2-1.5 | Drought tolerant |
| 2. Rosecoco (GLP 2) | 1982 | KARI/KSC | KARI/KSC | 1500-2000 | 3-Feb | 1.8 - 2 | High yield, Wide adaptation , Attractive seed colour Good taste |
| 3. Mwezi Moja (GLP1004) | 1982 | KARI/KSC | KARI/KSC | 1200-1600 | 3-Feb | 1.2 - 1.5 | Good performance in dry areas, Early maturity, Tolerant to drought and bean fly |
| 4. Canadian Wonder (GLP-24) | 1982 | KARI/KSC | KARI/KSC | 1200-1800 | 3 - 3.5 | 1.3 - 1.8 | Moderately resistant to angular leaf spot |
| 5. GLP-92 Pinto bean | 1982 | KARI/KSC | KARI/KSC | 100-1500 | 3 - 3.5 | 1.2 - 1.7 | Wide adaptation, Resistant to halo blight |
| 6. GLP-585 Red haricot | 1982 | KARI | KARI | 1500-2000 | 2.5 - 3 | 1 - 1.5 | Suitable for high rainfall areas Resistant to bean common mosaic virus |
| 7. GLP-X 1127 New Mwezi Moja | 1982 | KARI/KSC | KARI/KSC | 1000-1500 | 2.5 - 3 | 1 - 1.5 | Wide adaptation, Resistant to bean common mosaic virus, Tolerant to rust. |
| 8. Kat/Bean 2 | 1987 | KARI | KARI-Katamani | 1200-1800 | 3-Feb | 1-1.2t | Tolerant to shading |
| 9. Kat X 16 | 1994 | KARI | KARI-Katamani | 900-1600 | 3-Feb | 1.5-1.8 | High yielding |

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| 10. .Kat X56 | 1995 | KARI | KARI-Katumani | 900-1800 | 2.5-3 | 1.5-1.8 | High yielding |
| 11. Kat X 69 | 1995 | KARI | KARI-Katumani | 1200-1800 | 3-Feb | 1.5-1.8 | High yielding |
| 12. KK 22 (RWR 719) | 1996 | KARI | KARI-Kakamega | 1500-1800 | 2.5 - 3 | 1.8-2 | Tolerant to root rot |
| 13. Kat/Bean 1 (Katheka) | 1987 | KARI | KARI-Katumani | 1000-1800 | 2.5 | 1.2-1.5 | Early maturity |
| 14. KK 8 (SCAM-80/15) | 1997 | KARI | KARI-Kakamega | 1500-1800 | 2.5 - 3 | 1.8-2 | Tolerant to root rot |
| 12. KK 15 (MLB 49/879) | 1997 | KARI | KARI-Kakamega | 1500-1800 | 2.5 - 3 | 1.8-2 | Tolerant to root rot |
| 16. Kat-Bean 9 | 1998 | KARI | KARI-Katumani | 900-1600 | 2.5-3 | 1-1.8 | Tolerant to heat |
| 17. Wairimu Dwarf | 2008 | Kenya Seed Co | Simlaw Seeds | 500 - 1700 | 2.5 - 2.8 | 1.5 – 1.75 | Early, Heat tolerant, Good for maize intercropping, excellent cooking qualities |
| 18. New Rose Coco | 2008 | University of Nairobi | University of Nairobi | 1100-2000 | 2.5 - 3 | 1.3 – 2.3 | Upright growth habit, Early, Moderate resistance to rust, common bacterial blight, angular leaf spot, anthracnose, bean common mosaic virus & necrotic virus, Large grains |
| 19. Miezi Mbili | 2008 | University of Nairobi | University of Nairobi | 1000-2000 | 2.5 - 3 | 1.2 – 2.26 | Large grains, Early, Resistant to floury leaf spot, halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight |
| 20. Kenya early | 2008 | University of Nairobi | University of Nairobi | 1100-1900 | 2.5 - 3 | 1.07 – 2.15 | Large grains, Early, Moderately |

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|----------------------|------|-----------------------|-----------------------|-----------|---------|-------------|--|
| | | | | | | | resistant to, halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight |
| 21. Kenya Red Kidney | 2008 | University of Nairobi | University of Nairobi | 1000-2100 | 2.5 - 3 | 1.09 – 2.8 | Large grains, Moderately resistant to halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight |
| 22. Super Rose Coco | 2008 | University of Nairobi | University of Nairobi | 1000-2100 | 2.5 - 3 | 1.14 – 2.8 | Medium maturity, Moderately resistant to halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight |
| 23. Kenya Wonder | 2008 | University of Nairobi | University of Nairobi | 1030-2000 | 3 - 3.5 | 1.13 – 2.09 | Large grains, Moderately resistant to halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight |
| 24. Kenya Sugar Bean | 2008 | University of Nairobi | University of Nairobi | 1000-1900 | 2.5 - 3 | 1.08 – 1.81 | Early, Large grains, Moderately resistant to halo blight, bean common mosaic |

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| | | | | | | | virus & common bacterial blight |
| 25. Kabete Super | 2008 | University of Nairobi | University of Nairobi | 1300-2000 | 3 - 3.5 | 1.05 – 2.47 | Large grains, Resistant to floury leaf spot, halo blight, angular leaf spot, anthracnose, bean common mosaic virus & common bacterial blight |
| 26. Chelalang | 2008 | Egerton University | Egerton University | 1800-2200 | 2.5 – 3.5 | 1.2 – 2.2 | |
| 27. Tasha | 2008 | Egerton University | Egerton University | 1500-2000 | 2.5 – 3.5 | 1.1 – 2.1 | |
| 28. Cianku | 2008 | Egerton University | Egerton University | 1500-2150 | 2.5 – 3.5 | 1.0 – 1.9 | |
| 29.Mbigo | 2013 | KARI | KARI-Embu | Medium Altitude,(1,200 – 1,600),[AEZs LH3, LM1,UM1, UM2, UH3] | 4-Mar | 2.0-2.5 | Indeterminate, black large-seeded Canadian Wonder type, Tolerant to anthracnose, leaf rust, and Angular Leaf Spot diseases, High level biological N fixation, Large-seeded marketable seed type |
| 30. KAT-RM01 (KATRAM) | 2014 | KARI | Kari Katumani | 900-1600 | 2.5 (75-80 days) | 1.5-2.0 | Drought tolerant, High yielding, Large red mottled (Most preferred seed type), Uniform flowering and maturity, Highly resistant bean Rust (Bean Common Mosaic Virus(BCMV) and |

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|--------------------------|------|-----------------------|-----------------------|---|----------|----------|---|
| | | | | | | | Bean Common Mosaic and Necrotic Virus (BCMNV), Moderately resistant to Angular leaf spot, anthracnose, common bacterial blight and web blight. |
| 31.EMBEAN14 (MWEENDE) | 2014 | KARI | Kari Embu | 1200-2400 | 3 | 2.5 | Tolerance to most fungal diseases: Angular leaf spot, Root rots, Rust, Anthracnose, Marketable seed type (medium seeded sugar bean – Rosecoco type), High potential to fix nitrogen |
| 32.MN1(Rosecoco Madini) | 2015 | University Of Nairobi | University Of Nairobi | Central highlands; western highlands; central and southern Rift Valley region; Coastal; eastern highlands | 3 months | 1.15-2.0 | Biofortified variety(Iron-up to 147 ppm; zinc upto 38 ppm; also rich in Ca, P and other minerals), Tolerant to low soil fertility; Good resistance to angular leafspot, root rot, anthracnose, BCMV and other bean diseases |
| 33.MN3 (Kenya Almasi) | 2015 | University Of Nairobi | University Of Nairobi | Central highlands; western | 3 months | 1.13-1.2 | Biofortified variety(Iron - 73ppm, zinc- |

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| | | | | highlands; central and southern Rift Valley region; Coastal; eastern highlands | | | 41ppm; also rich in Ca, P and other minerals), Good resistance to angular leafspot, anthracnose and other bean diseases; Low flatulence |
| 34.MN6 (Kenya Cheupe) | 2015 | University Of Nairobi | University Of Nairobi | Central highlands; western highlands; central and southern Rift Valley region; Coastal; eastern highlands | 3 months | 1.1-2.8 | Low flatulence; Biofortif ied variety(Iron up to 75ppm and zinc-45 ppm; also rich in Ca, P and other minerals), Good resistance to angular leafspot, anthracnose and other bean diseases |
| 35.MN9 (Kenya Maua) | 2015 | University Of Nairobi | University Of Nairobi | Central highlands; western highlands; central and southern Rift Valley region; Coastal; eastern highlands | 3 months | 1-1.9 | Biofortified variety(Iron up to 75ppm and zinc- 45 ppm; also rich in Ca, P and other minerals), Good resistance to angular leafspot, anthracnose, BCMV and other bean diseases; large red mottled |
| 36.KK ROSECOCO- 194 | 2015 | KALRO | KALRO-Kakamega | Medium & high altitude; Central and north Rift Valley | 2.5 months | 1.8 - 2.0 | Resistant to bean root rot, Resistant to angular leaf sport |

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|----------------------|------|-------|----------------|---|------------|-----------|---|
| 37.KK RED BEAN-16 | 2015 | KALRO | KALRO-Kakamega | Medium & high altitude; Central and north Rift Valley | 2.5 months | 1.8 - 2.0 | Resistant to bean root rot, Resistant to angular leaf sport |
| 38.KAD 02 (Nyota) | 2017 | KALRO | KALRO Katumani | 900-1800 MSAL | 65-70 days | 1.4-2.2 | Drought tolerant, Early maturing, Micronutrient rich bean, high grain iron content (>95 ppm), high zinc grain content (>39ppm) with low phytic acid 1.25mg/g, Cook fast, Good pod clearance |
| 39.KMR 11 (Angaza) | 2017 | KALRO | KALRO Kandara | 1200-1900 MSAL | 75-80 days | 1.4-2.5 | Micronutrient rich with high grain iron content (>97 ppm), High zinc grain content (>57ppm), Has low phytic acid at 1mg/g and high sucrose content at 120mg/kg, Cooks fast and has high water absorption capacity when soaked |
| 40.KMR 12 (Metameta) | 2017 | KALRO | KALRO Katumani | 1200-1900 MSAL | 80-85 days | 1.4-2.3 | High grain Zinc content (>32ppm), moderate grain iron content (>67ppm), Potassium 2,486ppm and low phytic acid at |

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| | | | | | | | 1.5mg/g, cooks fast and high water absorption, tolerance to Angular leaf spot (ALS), Common bacterial blight (CBB) and resistance to bean common mosaic virus (BCMV) and other bean diseases |
| 41.KMR13 (Faida) | 2017 | KALRO | KALRO Kandara | 1300-2000 MSAL | 80-85 days | 1.4-2.0 | High grain Zinc content (>56 ppm) and low phytic acid at 1.75mg/g, High potassium at 2,746ppm and high manganese at 27.51ppm, tolerance to Angular leaf spot (ALS), Common bacterial blight (CBB) and resistance to bean common mosaic virus (BCMV). |
| 42.KAT-SW-12 (KENYA MALI) | 2015 | KALRO | KALRO-Katamani | 900 – 1700 Masl Central Kenya, Muranga, Kirinyaga, Embu and Meru, in Nyanza Homabay, Kisumu and Siaya | 2.5 months (75 – 80 days) | 1.6 – 2.2 | Drought tolerant, Small elongated white seeds with excellent canning quality (% water Uptake > 100 and Hydration Coefficient > 1.9), Early Maturing, Uniform maturity, Highly resistant to |

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| | | | | | | | bean Rust and Bean Common Mosaic Virus (BCMV), Moderately tolerant to Anthracnose and Angular leafspot |
| 43.KAT-SW-13 (TAMUTAMU) | 2015 | KALRO | KALRO-Katamani | 900 – 1700 Masl Central Kenya, Muranga, Kirinyaga, Embu and Meru, in Nyanza Homabay, Kisumu and Siaya | 2.5 months (75 – 80 days) | 1.5 – 2.0 | Drought tolerant, Early Maturing, Small oval white seeds with excellent canning quality (% water Uptake > 100 and Hydration Coefficient > 2.0), Uniform maturity, Highly resistant to bean Rust and Bean Common Mosaic Virus (BCMV) |
| 44.KCB 13-02 (Kenya Mamboleo) | 2015 | University of Nairobi | University of Nairobi | Central and western highlands, Tea Zones, Central and southern Rift Valley;Nyanza; eastern highlands | 75-85 days | 2.5 | Resistant to root rots, angular leaf spot, common bacterial blight and moderately resistant to anthracnose, Fast cooking (42.8 minutes soaked), High water absorption capacity/swelling (115%), High hydration coefficient, washed drained weight (69.4%), |

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| | | | | | | | large grain size, preferred shape, high uniformity of canned product, low splits and clumping and high brine clarity, Good sensory traits of canned product |
| 45.KCB13-09 (Kenya Salama) | 2015 | University of Nairobi | University of Nairobi | Central and western highlands, Tea Zones, Central and southern Rift Valley; Nyanza; eastern highlands | 80-95 days | 2.7 | High level of resistance to root rots, angular leaf spot, common bacterial blight and anthracnose., Fast cooking (35 minutes-soaked), High water absorption capacity (99.2%), High hydration (1.92), washed drained weight (66%), Excellent size and shape for medium white, High uniformity of canned product, Very low incidence of splits and clumping ;high brine clarity, Very good organoleptic characteristics of canned product |
| 46.KCB13-11 (KenStar) | 2015 | University of Nairobi | University of Nairobi | Central and western highlands, Tea Zones, | 80-95 days | 3.1 | Resistant to angular leaf spot, root rots, anthracnose and |

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| | | | | Central and southern Rift Valley; Nyanza; eastern highlands | | | root rots, Fast cooking(35 minutes when soaked), Very high water uptake (142%) and swelling, High hydration, washed drain weight, good size, shape, low incidence of split, clumping and high brine clarity, Excellent sensory characteristics (color, size, appearance, taste, mouth feel, flavor and wholesomeness) |
| 47.KKRIL05/RE D13 (KK-RED BEAN 13) | 2017 | KALRO (Kakamega) | KALRO Kakamega | Medium to high altitude high rainfall areas. | 84 Days | 1.6 | Small seeded red bean type, Resistant to bean root rot. |
| 48.KKRIL05/CA L33 (KK-ROSECOCO 33) | 2017 | KALRO (Kakamega) | KALRO (Kakamega) | Medium to high altitude high rainfall areas. | 86 Days | 1.8 | Rose-coco bean type, Resistant to bean root rot. |
| 49.KCB13-04 (Kenya Red Kidney) | 2018 | University of Nairobi | University of Nairobi/Paul Kimani | 1300-2100 masl Such as Machakos, Bomet, Kajiado, Kericho, Trans-Nzoia, Naivasha, Meru, Tharaka Nithi, | 85-90 days | 2.7 | Resistant to angular leafspot (2); anthracnose (5); rust (3); common bacterial blight (3) and root rots (2), Fast cooking (34.8 minutes), Very good water uptake (115%) after soaking, Good |

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| | | | | Nakuru, Nyeri, Murang'a, Nyeri counties Other bean growing areas. | | | yield potential, physical appearance and sensory traits |
| 50.Kazuri (SIMLAW B9) | 2021 | Simlaw seed Co.Ltd | Simlaw seed Co.Ltd | Altitude: 1000-1800 m.a.s.l AEZ: UM 1-UM3 Sites: Embu, Kirinyaga, Murang'a, Loitokitok, Taita taveta | 80-85 days | 1.8-2.1 | Wide adaptability, Medium maturing |
| 51.SAITOTI (Saitoti) | 2021 | KALRO | KALRO KITALE | Altitude: 1000-1800 m.a.s.l AEZ : Medium to High Sites: Kisii, Bungoma, Uasin Gishu, Elgeyo Marakwet | 88 days | 1.5-2.0 | Purple flowers, Presence of tendrils, Indeterminate growth habit, small red mottled round seeds, Pods slightly curved |
| 52.EUB 502 (Tatton Bean) | 2021 | Egerton University | Egerton University Agroscience Park Seed Unit | Altitude: 1500-1800 m.a.s.l AEZ : Medium to High Sites: Kericho, Bomet, Kisii, Nakuru, Nandi, Kakamega | 90-110 days | 1.8-2.0 | Low flatulence and acid, High Fe and Zinc, Good for bean flour and bean soup, High yielding, Tolerant to halo blight, Tolerant to rust |
| 53.AGRYB402 (Zebra) | 2021 | Agrosoy seed company | Agrosoy | Altitude: 1000-1600 | 75-90 days | 1.6-1.8 | Early maturity, Drought tolerant |

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| | | | | | m.a.s.l AEZ: Medium to high altitudes Sites: Nakuru, Narok, Baringo, Bomet, Kisii, Elgeyo Marakwet, Siaya, Nandi, West Pokot, Nyeri, Laikipia | | |
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20. NATIONAL FRENCH BEAN VARIETY LIST

Species: *Phaseolus vulgaris* L.

| Variety name/code | Release Name | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|---------------------|--------------|-----------------|------------------------------|------------------------------|---|-------------------------------|-----------------------------------|---|
| 1. Kutuleless (J12) | | 2000 | KARI | KARI-Thika | 1000-1800 | 1.5 - 2 | 5 – 7.5 t/ha | Resistant to rust, Good snupability, Extra fine green pods |
| 2. VENDA | | 2014 | Pop Vriend Research Seeds BV | Pop Vriend Research Seeds BV | Kirinyaga, Muranga, Loitokitok, Trans-Mara, Mulot | 67 days | 9-11 t/ha | Rust & Halo Blight resistance, Good shelf life, High yield, Uniform pods, Fine Beans |
| 2. TANA | | 2014 | Pop Vriend Research Seeds BV | Pop Vriend Research Seeds BV | Kirinyaga, Muranga, Loitokitok, Trans-Mara, Mulot | 64 days | 10-12 t/ha | Halo Blight and Anthracnose Tolerance, Good shelf life, High yield, Uniform pods, Strong vegetative plant, Fine Beans |

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|--------------|----------------|------|-----------------------|-----------------------------------|---|---|---------|--|
| 3. KSB 13-02 | Kenya Amboseli | 2018 | University of Nairobi | University of Nairobi/Paul Kimani | 1200-2000 masl Such as Machakos, Kajiado, Naivasha, Meru, Tharaka Nithi, Nakuru, Nyeri, Murang'a, Nyeri counties | 55 to 60 days to first harvest; | 9.9 | Resistant to angular leafspot (3); anthracnose (2); rust (3); common bacterial blight (3) and root rots (1), Average 58% extra fine; 36 % fine beans, Upto 18 pickings possible |
| 4. KSB13-04 | Kenya Safari | 2018 | University of Nairobi | University of Nairobi/Paul Kimani | 1400-1900 masl Such as Machakos, Kajiado, Kericho, Trans-Nzoia, Naivasha, Meru, Tharaka Nithi, Nakuru, Nyeri, Murang'a, Nyeri counties | 55 to 65 days to first harvest (shorter duration in warm areas; longer duration in cooler areas | 6.3 | Resistant to angular leafspot (3); anthracnose (2); rust (3); common bacterial blight (2) and root rots (2), Average 40% extra fine; 41 % fine pods, Up to 15 pickings |
| 5. STAR 2054 | STAR 2054 | 2021 | STARKE AYRES | STARKE AYRES | Altitude: 1200-2000 m.a.s.l | 55 to 60 days | (10-25) | Resilient, Vertical upright plants with excellent canopy cover, Exceptional yield potential in extra fine beans category at 70% & fine beans at 30%, Have high quality straight dark green pods, Excellent processing variety, Has high resistance to Rust and BCMV, Has Intermediate resistance to, Halo blight and Anthracnose, Has very slow seed development, Has Excellent gel retention. |

21. NATIONAL CLIMBING BEAN VARIETY LISTS

Species: *Phaseolus vulgaris* L.

| Variety name/code | Official variety release name | Year of release in Kenya | Year of release in other countries | Owner(s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha-1) | Special attributes |
|-------------------|-------------------------------|--------------------------|------------------------------------|--------------------------------|--------------------------------|--|-------------------------------|-----------------------|---|
| 1.Flora | | 1996 | | KARI | KARI-kakamega | 1500-2200 | 4 –5 | 2-2.5 | Light pink pods |
| 2.Mvunikingi | | 1996 | | KARI | KARI-Kakamega | 1500-2200 | 5-Apr | 2-2.5 | Red pod |
| 3.Umubano | | 1996 | | KARI | KARI-Kakamega | 1500-2200 | 5-Apr | 2-2.5 | Dark red pods |
| 4.MAC 13 | MAC 13 (Kenya Safi) | 2012 | | KARI and University of Nairobi | KARI and University of Nairobi | 1400-2000 | 3.0-4.0 months | 1.2-1.5 | Sugar grain type (cream white background with red flecks), Large seeded, Resistant to anthracnose |
| 5.MAC 34 | MAC 34 (Kenya Tamu) | 2012 | | KARI and University of Nairobi | KARI and University of Nairobi | 1400-2000 | 3.0-4.5 months | 2-2.5 | Red mottled, large wedge shaped seeds; resistant to angular leafspot and common bacterial blight. |
| 6.MAC 64 | MAC 64 (Kenya Mavuno) | 2012 | | KARI and University of Nairobi | KARI and University of Nairobi | 1400-2000 | 3.0-5.0 months | 3-Feb | Dark red mottled, medium seeded, Resistant to anthracnose and common bacterial blight |
| 7.MN14 | Kenya Madini | 2010 | | UNIVERSITY OF NAIROBI | UNIVERSITY OF NAIROBI | 1500-1900 | 3 to 4 months | 2.15-2.5 | High grain iron and zinc concentration; medium sized, yellow grain |
| 8.MN 17 | Kenya Majano | 2010 | | UNIVERSITY OF NAIROBI | UNIVERSITY OF NAIROBI | 1500-1900 | 3 to 4 months | 2.2-3 | High grain iron and zinc concentration; medium sized , yellow seeds |

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| 9.MN 19 | Kenya Afya | 2010 | | UNIVERSITY OF NAIROBI | UNIVERSITY OF NAIROBI | 1500-1900 | 3 to 4 months | 2.23-3.2 | High grain iron and zinc concentration; medium seeded; brownish yellow seeds |
|---------|------------|------|--|-----------------------|-----------------------|-----------|---------------|----------|--|

22. NATIONAL PIGEON PEA VARIETY LIST

Species: *Cajanus Cajan* L. Millsp

| Variety name/code | Official Release Name | Year of release in Kenya | Year of Release in other Countries | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------------|--------------------------|------------------------------------|----------|----------------------------|--|-------------------------------|-----------------------------------|--------------------------------|
| 1.Kat 777 | Kat 777 | 1981 | | KARI | KARI-Katumani | 600-1500 | 6-May | 1.5-2.2t/ha | Tolerant to fusarium wilt |
| 2.Kat81/3/3 | Kat81/3/3 | 1981 | | KARI | KARI-Katumani | 900-1800 | 5.5 - 6 | 2.0-2.5 | Tolerant to fusarium wilt |
| 3.ICEAP00040 | ICEAP00040 | 1995 | | KARI | ND | 900-1800 | 6-Apr | 2.0-2.5 | Tolerant to insect pest, wilt. |
| 4.(Kat/Mbaazi 2) | (Kat/Mbaazi 2) | | | | | | | | medium maturity |
| 5.Mbaazi - 1 | Mbaazi - 1 | 1998 | | KARI | KARI-Katumani | 600-900 | 4-Mar | 1.8-2.2 | Short duration,(single season) |
| 6.Katumani 60/8 | Katumani 60/8 | 1998 | | KARI | KARI-Katumani | 10-1800 | 5-Apr | 2.0-2.5 | Short duration, Ratoons well |
| 7.Kat/Mbaazi 3 | Kat/Mbaazi 3 | ND | | KARI | KARI-Katumani | 10- 1500 | 3-3.5 | 1.5-2.0 | Extra early, Short duration |
| 8.ICEA P00068 | ICEA P00068 | ND | | KARI | KARI-Katumani | 10 – 1500 | 6-Apr | 2-2.5 | Medium maturity |

| | | | | | | | | | |
|----------------|-------------------|------|--|--|--------------------|---|----------------------------------|-----------------|--|
| 9.ICEAP00850 | Peacock | 2011 | | LEDET | LEDET | 800-1500M | 4 | 1.5 | Short duration, Drought tolerant, Good market value. |
| 10.ICEAP00936 | Karai | 2011 | | LEDET | LEDET | 1000-1800M | 6 | 2 | Firewood, Ratoons, Drought tolerant, Nitrogen fixing, Soil improving cattle fodder |
| 11.EUMDPV00104 | Egerton Mbaazi M1 | 2012 | | Egerton University | Egerton University | Recommended for low to medium-dry altitude zones (800-1500 m.a.s.l) of Marigat, Machakos, Kerio valley, Kambi ya Mawe, Coastal areas, Mbeere, Kitui, Mwea, Kisumu | 4-5 months | 1.4-2.8 tons/ha | Drought tolerant, Tolerant to Fusarium wilt, Tolerant to pest tough seeded, Cream color of grain |
| 12.PP08006 | KALCc-OP1- 04 | 2018 | | Kenya Agricultural and Livestock Research Organization (KARLO) | KALRO-Katumani | Makueni, Kitui, Mwingi, Mbeere, Tharaka, Meru Machakos | Medium duration (125-140 days) | 1.5 - 3.2 | Large pod size, Large grain size, Fusarium wilt tolerant |
| 13.PP08008 | KALCc-OP1- 05 | 2018 | | Kenya Agricultural and Livestock Research Organization (KARLO) | KALRO-Katumani | Makueni, Kitui, Mwingi, Mbeere, Tharaka, Meru, Machakos | Medium duration (125 – 150 days) | 1.2 – 3.0 | Large pod size, Large grain size, Fusarium wilt tolerant |
| 14.EUMDB3 | Egerton Mbaazi 3 | 2019 | | Egerton University | Egerton University | Altitude: 800-1600 masl Examples: Baringo and Kerio valley | 120-150 Days | 1.5-2 | Medium seed size, Adaptable to sandy clay soil |

| | | | | | | | | | |
|------------------|-----------------------------|-------------|--|-------------------------------|-------------------------------|---|-------------------------|--------------|---|
| | | | | | | | | | and loamy soil, Medium maturing, Good ratoonability |
| 15.EUMDB4 | Egerton Mbaazi 4 | 2019 | | Egerton University | Egerton University | Altitude: 800-1600 masl Examples: Baringo and Kerio valley | 120-150 Days | 1.5-2 | Medium seed size, Adaptable to sandy clay soil and loamy soil, Medium maturing, Good ratoonability |

23. NATIONAL COWPEA VARIETY LIST

Species: *Vigna Ungulculata* L. Walps

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------------------|-----------------|----------------------|----------------------------|--|-------------------------------|---|---|
| 1. HB 48/10E | 1987 | KARI | KARI-Katumani | 0-1200 | 2 – 2.5 | 1.2-1.4 | Tolerant to viral diseases |
| 2. 27-1 | 1989 | KARI | KARI-Katumani | 600-1200 | 2.5 - 3 | 1.5-1.8 | Dual purpose |
| 3.ICV11 | 1992 | ICIPE | ND | 1-1500 | 2.5 | 2.2 | Pest tolerant |
| 4.MTW 63 | 1998 | IITA | KARI | 1-1000 | 2 | 2.5 | Pest tolerant |
| 5.MTW 610 | 1998 | IITA | KARI | 1-1000 | 2 | 2.5 | Large seeds |
| 6. Machakos 66 (M66) | 1998 | KARI | KARI-Katumani | 1200-1500 | 2.5-3 | 1.5-1.8 | Dual purpose, Deep green mid ribs |
| 7. K 80 | 2000 | KARI | KARI – Katumani | 1200-1800 | 2.5-3 | 1.8-2.0 | Dual purpose, Tolerant to thrips, Silvery mid ribs |
| 8. KVV – 419 (Kunde 419) | 2000 | KARI | KARI-Katumani | 0-1200 | 2 – 2.5 | 1.2-1.5 | Drought tolerant, Extra early |
| 9.KCP 022 | 2000 | KARI | KARI-Katumani | 0-1200 | 2 – 2.5 | 1.2-1.5 | Super early |
| 10. Kunde 1 | ND | Western Seed Co. | Western Seed Co. | Below 2000 | 2.5 - 3 | 1.2-2.5 | Dual purpose |
| 11.KUNDE MBOGA | 2014 | Simlaw Seeds Company | Simlaw Seeds Company | Low and Mid altitude | 120-140 days | Seed yield 1.6–2.2 t/h, Leaf yield,12-15t/h | A vegetable cowpea-High leaf yield with long harvesting period, Drought resistant,and Leaf cooks well and good vegetable palatability |
| 12.SIMLAW KUNDE | 2014 | Simlaw Seeds Company | Simlaw Seeds Company | Low and Mid altitude | 75 - 90 days | Seed yield, 1.8 - 2.6 t/h | A grain cowpea with bigger grain size, Drought resistant, and High grain yield |
| 13. 1002/1005/3 (Kunde Faulu) | 2017 | KALRO | KALRO Katumani | Low - High altitudes ranging from 5 – 2000 meters above sea level (Coastal , Eastern, Central and Western) | 70 - 80 Days | 1.5 - 2.13 | Large size grain; Early maturing;Alectra vogelii tolerant; Dual purpose. |

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|---------------------------------|------|--------------------------|----------------|--|--------------|------------|---|
| 14.1005/1002/1 (Kunde Tamu) | 2017 | KALRO | KALRO Katumani | Low - High altitudes ranging from 5 – 2000 meters above sea level | 70 - 80 Days | 1.5 - 2.0 | Early maturing;Alectra vogelii tolerant;Tender and sweet leaves when cooked;Dual purpose. |
| 15.1005/1003/3 (KAT Kunde) | 2017 | KALRO | KALRO Katumani | Low - High altitudes ranging from 5 – 2000 meters above sea level | 80 - 90 Days | 1.4 - 2.0 | Alectra vogelii tolerant;Dual purpose. |
| 16.1005/1002/1/1/1 (Kunde Soko) | 2017 | KALRO | KALRO Katumani | (Coastal , Eastern, Central and Western) | 80 - 90 Days | 1.4 - 1.9 | Large size grain;Alectra vogelii tolerant;Dual purpose. |
| 17.1005/1004/3 (Kunde Tumaini) | 2019 | KALRO | KALRO-KATUMANI | Altitude:600-1500 masl AEZ:LM 4-5,LM 3-4 Examples:Katumani, Kambi mawe,Kitui,kiboko and embu | 80 -90 Days | 1.5-2 | Drought tolerant, Tolerant to A.vogellii parasitic weed, Dual purpose(grain and vegetable), White grain with brown eyes |
| 18.IT85F-867-5(KA-TEX14) | 2023 | KALRO/EGERTON UNIVERSITY | KALRO-KATUMANI | Altitude:5-1600 masl AEZ:LM 4,LM 5 Sites: Machakos , Makueni, Kitui, Embu, Baringo, Turkana, Coastal region | 80 -90 Days | 1.5to 1.9 | Early maturing, tolerant to cowpea yellow mosaic, drought tolerant, grain variety type,grain color :Light red variety |
| 19. IT82D-889 (KA-TEX7) | 2023 | KALRO/EGERTON UNIVERSITY | KALRO-KATUMANI | Altitude:5-1600 masl AEZ:LM 4,LM 5 Sites: Machakos , Makueni, Kitui, Embu, Baringo, Turkana, Coastal region | 80 -90 Days | 1.5 to 1.8 | Early maturing compared to commercial varieties, grain type variety,long pods (18-24 cm), tolerantto cowpea yellow mosaic, and grain color is light red |

24. NATIONAL DOLICHOS BEAN VARIETY LIST

Species: *Dolichos pupureum*.

| Variety name/code | Official release name | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------------|-----------------|-----------------------|----------------------------|---|-------------------------------|-----------------------------------|--|
| 1. KAT/DL-1 | | 1978 | KARI | KARI-Katumani | Oct-00 | 3 – 3.5 | 3.0-4.0 | Determinate, Black seeds |
| 2. KAT/DL-2 | | 1987 | KARI | KARI-Katumani | Oct-00 | 3.5 - 4 | 2,5-3.3 | Determinate Cream seeds |
| 3. KAT/DL-3 | | 1995 | KARI | KARI-Kari | Oct-00 | 3.5 – 4.0 | 2.8-3.0 | Indeterminate, Dual purpose |
| 4.W7 | ELDO-KT Black 1 | 2015 | University of Eldoret | University of Eldoret | Eastern Kenya, Central Kenya, Central and North Rift and Western region | 4.5 – 5 months | 3 – 5 | Black seeded, Good clearance, Uniform maturity, Short cooking time |
| 5.M5 | ELDO-KT Cream | 2015 | University of Eldoret | University of Eldoret | Central Rift, Eastern | 4 – 4.5 months | 3.5 – 5.5 | Good flavor, Short cooking time, Early maturity, Cream seeded |
| 6.B1 | ELDO-KT Maridadi | 2015 | University of Eldoret | University of Eldoret | Central & North Rift, Western region | Over 5 months | 4-Feb | Good flavor, Short cooking time, Late maturity, Stay green, high forage, spotted seeds |
| 7.G1 | ELDO-KT Black 2 | 2015 | University of Eldoret | University of Eldoret | Eastern Kenya, Central Kenya, Central and North Rift and Western region | 4 – 4.5 months | 3.5 – 6.5 | Black seeded, medium maturity |

25. NATIONAL MUNG BEAN VARIETY LIST

Species: *Vigna radiata* L.

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------|----------|----------------------------|--|-------------------------------|-----------------------------------|---------------------------------|
| 1. Kat. Dengu 22 | 1998 | KARI | KARI-Katumani | 10-1600 | 2.5 - 3 | 1.0-1.3 | Yellow seed, No stoniness |
| 2. Kat. Dengu 26 | 1998 | KARI | KARI-Katumani | 10-1600 | 2.5 - 3 | 1.3-1.5 | Green bold seeds, No stoniness. |

26. NATIONAL RHODES GRASS VARIETY LIST

Species: *Chloris guyana*

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------|---------------------|----------------------------|--|-------------------------------|-----------------------------------|---|
| 1. Mbarara Rhodes | 1960 | KARI/Kenya Seed Co. | Kenya Seed Co. | 1000-2500 | 4-6 Months | 19-21 | Drought tolerant, Good forage. |
| 2. Boma Rhodes | 1975 | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1000-2500 | 90-105 days | 19-Jul | High seed and forage yield, Wide adaptation, Easy to manage |
| 3. Elmba Rhodes | 1976 | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1000-2500 | 90-105 days | 7-198 | Good seed yield, Good palatability |

27. NATIONAL SETARIA GRASS VARIETY LIST

Species: *Setaria sphacelata*

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------|---------------------|----------------------------|--|-------------------------------|-----------------------------------|--|
| 1. Nandi seteria | 1956 | KARI/Kenya Seed Co. | KARI/Kenya Seed Co. | 1000-2500 | 70-80 days | 6.6-16.4 | Drought tolerant, Good forage, Good persistence (under grazing) |
| 2. Nasiwa setaria | ND | KARI/Kenya Seed Co. | Kenya Seed Co. | 1000-2500 | 75-90 | 6.5-17.4 | Good persistence (under grazing), Drought tolerant, Good forage. |

28. NATIONAL PANNICUM GRASS VARIETY LIST

Species: *Panicum spp*

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Grain yield (t ha ⁻¹) | Special attributes |
|--------------------|-----------------|---------------------|----------------------------|--|-------------------------------|-----------------------------------|--------------------|
| 1. Coloured Guinea | 1955 | KARI/Kenya Seed Co. | Kenya Seed Co. | 50-2000 | 50-60 | 4.8-12.8 | Good seed yield |

29. NATIONAL SOYA BEANS VARIETY LIST

Species: Glycine max

| Variety name/code | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (masl) | Duration to maturity (days) | Grain yield (t ha ⁻¹) | Special attributes |
|-------------------|-----------------|-------------|----------------------------|--|-----------------------------|-----------------------------------|--|
| 1.Black Hawk | 2009 | KARI | KARI Njoro | 800-1700 | 150-165 | 1.8 | 18% oil content |
| 2.EAI 3600 | 2009 | KARI | KARI Njoro | 800-1700 | 53-42 | 0.5 – 2.5 | 17.8% oil content |
| 3.Gazelle | 2009 | KARI | KARI Njoro | 1200-2400 | 73-175 | 0.8 – 2.1 | 22% oil content |
| 4.Hill | 2009 | KARI | KARI Njoro | 1200-2000 | 140-145 | 1.8 | 20.7% oil content |
| 5.Nyala | 2009 | KARI | KARI Njoro | 1200-2400 | 82-163 | 0.7-2.5 | 17% oil content |
| 6.DPSB 19 | 2010 | KARI / IITA | KARI /Leldet seed company | 900 -2400 | (3-4) months | 0.6 - 1.7 | Dual purpose (high biomass,high yield and free nodulating), High yield , 6.53% over the mean of checks, High biomass (1.5-3.0t/ha), Rust resistant, Nodulates with indigenous population of rhizobia in Kenya soils to fix atmospheric nitrogen, Good for making soyabean milk, High pod clearance (13.2 cm), hence easy to harvest using combine harvester, if Necessary, High pod load (28 pods per plant), Attractive creamy seed coat, Good for intercropping, Medium seed size |
| 7.DPSB 8 | 2010 | KARI / IITA | KARI /Leldet seed company | 900 -2400 | (4-5) months | 0.5 - 2.6 | Dual purpose (high biomass, high yield and free nodulating), High yield, 6.53% over High yield, 7.71 % over the mean of checks, High biomass (2.5-3.0 t/ha), Nodulates with indigenous population of rhizobia in Kenya soils to fix atmospheric nitrogen, Good for making soyabean milk, High pod clearance (9.1 cm) hence easy to Harvest using combine harvester, if necessary, High pod load 33 pods per plant, Attractive creamy seed coat, Good for monocropping, Large seed size |
| 8.Kensoy009 | 2013 | KARI | KARI-Njoro | Cool-Warm weather: LH2, UM1, UM4, LM3 | 4-5 months | 1.5-3.0 | Tolerant to shattering, High seed yield, High oil content. |

| | | | | | | | |
|----------------------------|------|------------------|------------------|---|-----------------|-----------|---|
| 9.SC SAGA | 2014 | Agri Seed Co Ltd | Agri Seed Co Ltd | 1000-1800 (Lowland to medium) | 3-4 months | 2.5-4.5 | High pod clearance, Adaptable to different environments, High resistance to leaf rust and frog eye diseases, Moderate resistance to brown spots, 37-40% protein content on dry matter basis, 20-22% fat / oil content on dry matter basis |
| 10.SC 810/6/26 SC (SALAMA) | 2014 | Agri Seed Co Ltd | Agri Seed Co Ltd | 1000-1500 (Lowland to medium) | 3-4 months | 2.0-4.0 | Good standability, High resistance to leaf rust, Fat / Oil content of approximately 20%. (Percent weight in dry basis), Protein content of approximately 40%. (Percent weight on dry matter basis) |
| 11.KALROSOY 1 | 2021 | KALRO | KALRO - NJORO | 1000-1500 (Lowland to medium) Altitude:1300 - 2200 m.a.s.l AEZ: UM 1, UM3, UM 4, LH2, LH3 LH4, LM3, LM1 Sites: Kakamega | 32- 5.5 months | 2.0 — 2.4 | protein content (35-37%), High oil content (20-24%) |
| 12.KALROSOY2 | 2021 | KALRO | KALRO - NJORO | Altitude: 900-2200 m.a.s.l, AEZ: UM3, UM 4, LH2, LH3 LH4, LM3, LM I Sites: Kakamega, Kitale, Embu, Nakuru, Bahati, Homa Bay | 33 — 5.6 months | 2.0 — 3.0 | Clear hilum, glossy grain, Protein Content (33-40%), High oil content (20 -26%) |

30. NATIONAL CHICKPEA VARIETY LIST

| VARIETY NAME/ VARIETY CODE | OFFICIAL RELEASE NAME | YEAR OF RELEASE IN KENYA | YEAR OF RELEASE IN OTHER COUNTRIES | OWNER(S) / LICENSEE | MAINTAINER AND SEED SOURCE | OPTIMAL PRODUCTION ALTITUDE (masl) | DURATION TO MATURITY (MONTHS) | GRAIN YIELD (t ha ⁻¹) | SPECIAL ATTRIBUTES |
|-------------------------------|-----------------------|--------------------------|------------------------------------|---------------------|----------------------------|--|-------------------------------|-----------------------------------|--|
| 1.LDT 065 | | 2010 | | Leldet Ltd | Leldet / ICRISAT | 500 – 2000m, Mulot, Bomet, Timau Nakuru, Nzai Shimba | 100 DAYS | 1.5 to 2 tons | Kabuli and resistant to Fusarium wilt, Medium white grain. |
| 2.LDT 0068 | | 2010 | | Leldet Ltd | Leldet / ICRISAT | 500 – 2000m, Mulot, Rongai Marigat Magotio, Nzai, Shimba Timau | 90 DAYS | 2 – 2.25 tons | Desi and resistant to Fusarium wilt, Small brown grain. |

| | | | | | | | | | |
|--------------|-------------------------|------|--|-----------------------|-----------------------|--|--------------------------------|---------|--|
| 3.ICCV-97105 | EU- CHANIA DESI 1 | 2012 | | Egerton University | Egerton University | i)600-1200 masl Low to medium dry land areas – Baringo, Kerio valley, Kisumu, Homabay, Kisumu, Ahero, Machakos, Mwea, Karaba, Kitui. Planted during main rains Oct-Feb or March- ii) 1500-2500 masl- Dry highlands:- Major areas- Bomet, Nakuru, Koibatek, Uasin Gishu, Trans Nzoia, Narok, Timau, Naivasha; Planted as relay-crop after harvesting wheat/maize/finger millet during short rains (July- Oct or Oct-Feb) in major areas | 2.5-3 months, (7-12 bags/acre) | 1.2-3.2 | Drought tolerant; High yielding, Early maturing 75-100 days after planting (Flowering 45-60 days), Erect and high canopy clearance (20-30cm), Suitable for combine harvesting, Tough seed coat, resistant to storage pests; Fixes Nitrogen 20-40kg/ha, biomass breaks disease cycles mainly rusts in wheat and fusarium wilt in Passion fruits, Brown seeded suitable for making Githeri, dhal |
| 4.ICCV95423 | SAINA-K1 | 2012 | | KARI | KARI Katumani | (i)600-1200 masl- Low to medium dry land areas – Baringo, Kerio valley, Kisumu, Homabay, Kisumu, Ahero, Machakos, Yatta, Mwea, Karaba, Kitui. Planted during main rains Oct-Feb or March-August ii) 1500-2500 masl- Dry highlands- Major areas- Bomet, Nakuru, Koibatek, Uasin Gishu, Trans Nzoia, Narok, Timau, Naivasha. Planted as relay-crop after harvesting wheat/maize/finger millet | 2.5-4 months | 1-3.2 | Large seeded - Kabuli type, grows with residue soil moisture and in black cotton soils, Drought tolerant, High yielding, Early maturing, Fixes Nitrogen 20-40kg/ha, biomass, breaks disease cycles mainly rusts, White seeded suitable for fresh salads, green pods |

| | | | | | | | | | |
|--------------|---------------|------|--|--------------------|--------------------|---|-------------|--------------|---|
| | | | | | | during short rains (July-Oct or Oct-Feb) in major areas | | | |
| 5.EUDCV001 | Chania Desi 2 | 2013 | | Egerton University | Egerton University | low to medium dry areas (800-1200 masl) during normal rains in Koibatek, Baringo, Kerio valley, Naivasha, Ahero, Mwea, Karaba, Gategi, and in dry highlands (1500-2500 masl) of Nakuru, Uasin Gishu, Bomet, Timau Narok during short rains as rotation/relay legume after harvesting wheat/maize /finger millet | 2.5-3months | 1.2-3.2 t/ha | Drought tolerant, Heat tolerant, Erect and high canopy clearance suitable for combine harvesting, Tolerant to Fusarium wilt, dry rot & collar rot, Tough seed coat resistant to storage pests, Brown seeded suitable for making Githeri, dhal, Good for canning |
| 6.EUDCV00102 | Chania Desi 3 | 2013 | | Egerton University | Egerton University | low to medium dry areas (800-1200 masl) during normal rains in Koibatek, Baringo, Kerio valley, Naivasha, Ahero, Mwea, Karaba, Gategi, and in dry highlands (1500-2500 masl) of Nakuru, Uasin Gishu, Bomet, Timau and Narok during short rains as rotation/relay legume after harvesting wheat/maize /finger millet | 2.5-3months | 1.2-2.8 t/ha | Drought tolerant, Tolerant to Fusarium wilt, dry rot and collar rot, Tough seed coat, resistant to storage pests, Brown seeded suitable for making Githeri & dhal(stew), Good for canning |
| 7.SCP 2 | Mwea 1 | 2017 | | Simlaw Seed Co Ltd | Simlaw Seed Co Ltd | Mwea loitoktok, Yatta, coast region | 90 days | 2.5-4.0 | Resistant to fusarium wilt |
| 8.SPC 3 | Ahero 1 | 2017 | | Simlaw Seed Co Ltd | Simlaw Seed Co Ltd | Nyanza, Bungoma, Kakamega, Kitale | 90 days | 1.1-3.7 | Resistant to fusarium wilt |
| 9.SPC 4 | Haraka | 2017 | | Simlaw Seed Co Ltd | Simlaw Seed Co Ltd | Mwea, Loitoktok, Yatta, marigat and coast region | 90 days | 1.3-3.3 | Takes shorter time to cook |

31. NATIONAL KALE VARIETY LIST

| Variety Code / Name | Official Variety Name | Year of Release in Kenya | Year of Release in other Countries | Owner (s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (months) | Time to 50% flowering at 2551 m a s l (months) | Leaf Yield (t ha-1) | Special attributes |
|---------------------|-----------------------|--------------------------|------------------------------------|----------------------|----------------------------|--|-------------------------------|--|---------------------|--------------------|
| 1.CABI 1 | Kinale | 2010 | | KARI/CABI /LAGROTECH | KARI Seed Unit | 1100 - 2600 | 1 from transplanting | 5.6 | 90.2 - 245.5 | Wide adaptability |
| 2.CABI 4 | Tosha | 2010 | | KARI/CABI /LAGROTECH | KARI Seed Unit | 1100 - 2600 | 1 from transplanting | 6.5 | 119.8 - 218 | Wide adaptability |

32. NATIONAL GROUNDNUT VARIETY LIST

Species: *Arachis hypogea* L.

| Variety name/code | Official Variety Release Name | Year of release in Kenya | Year of release in other country / countries | Owner(s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (days) | Grain yield | Special attributes |
|-------------------|-------------------------------|--------------------------|--|---------------------|----------------------------|--|------------------------------|-------------|---|
| 1.LTD12991 | Dove | 2011 | 2002 Uganda | LELDET | LELDET | 1000-1600 | 90-100 | 2.5 | Tolerant to rosette and leaf spot, Small tan seed, Spanish var. |
| 2.LTD90704 | Kanga | 2011 | 2002 Uganda | LELDET | LELDET | 1000-1600 | 100-110 | 2.8-3 | Tolerant to rosette and drought, Large tan seed with ave 42% oil content, Virginia var. |
| 3.LTD93437 | Lihanga | 2011 | Malawi | LELDET | LELDET | 1000-1600 | 115-120 | 2.5 | Tolerant to rosette, Suitable for confectionery. |
| 4.LTD99568 | Gathuku | 2011 | 1999 Uganda | LELDET | LELDET | 1000-1600 | 95- 105 | 2.5 -3 | Tolerant to rosette, Medium size suitable for confectionery |
| 5.EUGN-1 | Egerton GN-1(L) | 2019 | | Egerton University | Egerton University | Altitude:500-1500 masl, Examples: Baringo and Kerio valley | 120-150 Days | 1.5-2 | Large seeded, The seed is brownish white in color, Adaptable to sandy clay soil and loamy soil, Early |

| | | | | | | | | | |
|----------|-----------------|------|--|--------------------|--------------------|--|--------------|-------|---|
| | | | | | | | | | maturing, Preferable for oil extraction |
| 6.EUGN-2 | Egerton GN-2(R) | 2019 | | Egerton University | Egerton University | Altitude:500-1500 masl, Examples: Baringo and Kerio valley | 120-150 Days | 1.5-2 | Medium seeded, The seed is red in color, Adaptable to sandy clay soil and loamy soil, Preferable for oil extraction |

33. NATIONAL SIMSIM VARIETY LIST

| Variety name/code | Official Variety Release Name | Year of release in Kenya | Owner(s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (days) | Grain yield (t ha-1) | Special attributes |
|-------------------|-------------------------------|--------------------------|---------------------|----------------------------|--|------------------------------|-----------------------|---|
| 1.KSS-6 | KS-S6 | 2013 | Kenya Seed Co. | Kenya Seed Co. | 200-1000 .m.a.s.l, Central anLake Victoria region. Bungoma | 2.5 | 1.5-2.0 T/Ha | Highly aromatic –white in colour, High poding ability, Shoofly tolerance, Tolerance to rust |

34. NATIONAL OIL SEED RAPE VARIETY LIST

Species: Oil Seed Rape (Brassica Napus)

| Variety name/code | Official Variety Release Name | Year of release in Kenya | Owner(s) / Licensee | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (days) | Grain yield (t ha-1) | Special attributes |
|-----------------------|-------------------------------|--------------------------|----------------------------|----------------------------|---|------------------------------|-----------------------|---|
| 1.BELINDA (RG415/13/) | BELINDA | 2015 | Bayer CropScience, Germany | Bayer East Africa | Timau, Nakuru, Mau Narok, Eldoret, Kitale | 100-120 days | 4.2 | Plant height – Short, Good resistance to lodging, Good-very good resistance to blackleg, High oil content, Very |

| | | | | | | | | |
|---------------|-------------|------|----------------------------|-------------------------------------|---|-------------------------|------------|--|
| | | | | | | | | low glucosinolate content, Erucic acid is absent |
| 2.Hyola 50 | Hyola 50 | 2019 | Pacific Seeds | Advanta Seed International | Altitude: 1800 – 2600 masl, Examples:Timau, Nakuru, Mau Narok, Njoro, Kitale, Eldoret | Medium (120 – 150 days) | 3.5 – 4.5 | Conventional medium maturity hybrid, High oil content, High blackleg resistance, Excellent plant vigour, High lodging resistance, Even flowering and windrowing maturity |
| 3.HYOLA 350TT | HYOLA 350TT | 2021 | Advanta Seed International | Advanta Seed International | Altitude: 1500-2600 m.a.s.l AEZ: UH 2-3, LH 2-4 Sites: Timau, Nakuru, Mau Narok, Kitale, Molo, Bahati, Eldoret | Early (90-110 days) | 2.0- 2.5 | Early maturing triazine herbicide tolerant (TT) hybrid for lower rainfall areas, Shorter uniform plant height ideal for mechanical harvesting, Excellent blackleg resistance, Excellent early vigour providing up to 50% higher weed suppression, High oil content (35%-42%), Resistant to lodging, Tolerant to pod shattering |
| 4.KWS Jazz | KWS Jazz | 2023 | Agventure Ltd | SOURCE:KWS SAAT SE &Co.KGaA Germany | Altitude: 1800-2600 m.a.s.l AEZ: UH 2-3, LH 2-4 Sites: Timau, Nakuru, Mau Narok, Kitale, Molo, Bahati, Eldoret,Nyahururu,Nyeri,Kitale | Medium(90-120 days) | 1.5 to 3.0 | Excellent early vigor providing upto 60% weed suppression,High oil content(45%-48%),resistant to lodging, conventional medium,resistance to blackleg,low erucic acid percentage of below 2% |

35. NATIONAL LUCERNE VARIETY LIST

Species: Lucerne (*Medicago sativa*)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|-----------------|-------------------|-----------------------|--|-------------------|--------------|--|
| 1.WL625HQ | WL625HQ | 2015 | KALRO | KALRO MUGUGA | Wet to dry midland highland. Altitude 1800-2400 msl. | 3-4 cuts per year | 9-10 t/ha | Good resistance to both blight and rust diseases |

| | | | | | | | | |
|---------------|-------------|------|-------|--------------|--|-------------------|-----------|---|
| 2.WL414 | WL414 | 2015 | KALRO | KALRO MUGUGA | Wet Midland Altitude - 1800-2100m ASL. | 3-4 cuts per year | 9-10 t/ha | Good resistance to both blight and rust diseases |
| 3.KKS9595 | KKS9595 | 2015 | KALRO | KALRO MUGUGA | Mid moist to Wet highland. Altitude 1800-2400 m ASL. | 3-4 cuts per year | 9-10 t/ha | Good resistance to blight and moderate resistance to rust |
| 4.SA Standard | SA Standard | 2015 | KALRO | KALRO MUGUGA | Mid moist to dry highland. Altitude 2000-2400msl. | 3-4 cuts per year | 9-10 t/ha | Good resistance to rust |
| 5.KKS3864 | KKS3864 | 2015 | KALRO | KALRO MUGUGA | Dry Midland. 1600-2000msl. | 3-4 cuts per year | 9-10 t/ha | Good resistance to blight and moderate resistance to rust |

36. NATIONAL NIGHT SHADE VARIETY LIST

Species: Night shade (*Solanum scabrum*)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|-----------------|---------------|-----------------|-------------------------------|---|---|-----------------------------------|--------------|--|
| 1. Nightshade-1 | Abuku Mnavu-1 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd | 100-2600M asl Kakamega, Kisii, Nyamira, Vihiga, Kiambu, Nairobi, Meru, Busia, Nakuru | 5weeks Harvest duration: 8 weeks | 20-40 | Green scabrum, Mild taste, Very High anti-oxidant activity |
| 2.Nightshade-2 | Abuku Mnavu-2 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd | 100-2600m asl, Kakamega, Busia Kisii, Nyamira, Vihiga, Kiambu, Nairobi, Meru, Transmara, Nakuru | 5weeks Harvest duration: 8 weeks | 20-40 | Purple scabrum, Very High anti-oxidant activity |
| 3.Nightshade-3 | Abuku Mnavu-3 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa | 100-2600m asl Kakamega, Kisii, Nyamira, Vihiga, Transmara, Bungoma, Busia, | 5weeks, Harvest duration: 6 weeks | 20-30 | Villosum species, Bitter taste, Relieve stomach related ailments |

| | | | | | | | | |
|--------------|-------------------|------|---------------------------------|-----------------------|---|---------------|----------|---|
| | | | | Memorial Holdings Ltd | Meru, Kwale, Nakuru | | | |
| 4.BG16 | KK Bigi | 2017 | KALRO and University of Eldoret | KALRO (Kakamega) | 250-2000m ASL UH, UM, LM, Lowland zone | 45 Days | 5 | Long period of leaf harvesting (60 days), Mild in taste, High mineral content: 1. Ca mg/100 g =140 2. Mg mg/100 g = 43 3. Zn mg/100 g = 0.5 |
| 5. Ex-Hai | KK Ayaro | 2017 | KALRO and University of Eldoret | KALRO (Kakamega) | 250-2000m ASL UH, UM, LM, Lowland zone | 40 Days | 3 | Early maturity, Mild in taste, High mineral content: 1. Ca mg/100 g = 126, 2. Mg mg/100 g = 45, 3. Zn mg/100 g = 0.4 |
| 6. MAGUKE005 | Maguke005(Shujja) | 2023 | Continental seeds | Continental seeds | Altitude:600-1200m masl,EAZ:LH 1-4,UM 1-4 Sites:Western Kenya,Lake Region,South Rift,East and parts of the central | 35 to 45 days | 17 to 23 | High vigorous plant,broad leaved plant easy to harvest,easily blend with other vegetables in culinary dishes ,medium resistance to bacrerial wilt disease |

37. NATIONAL VINE SPINACH VARIETY LIST

Species: Vine spinach (*Basella alba*)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|-----------------|-------------------|-----------------------|---------------------|-------------------|--------------|--------------------|
|--------------|--------------|-----------------|-------------------|-----------------------|---------------------|-------------------|--------------|--------------------|

| | | | | | | | | |
|------------------|----------------------|------|-------------------------------|---|--|---|-------|--|
| 1.Vine Spinach-1 | Abuku Vine Nderema-1 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd | 500-2500m asl Kisii, Kakamega, Vihiga, Kiambu, Nairobi, Nyeri Meru . | 8 weeks Harvest duration: 12 weeks | 50-60 | Green leafed |
| 2.Vine Spinach-2 | Abuku Vine Spinach-2 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd | 500-2500m asl | 8 weeks, Kisii, Kakamega, Vihiga, Kiambu, Nairobi, Nyeri,Meru | 50 | Purple leaved with high anthocyanin contetnt |

38. NATIONAL JUTE MALLOW VARIETY LIST

Species: Jute mallow (*Corchorus olitorius* L.)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|--------------|----------------|-----------------|-------------------------------|---|---|-------------------|--------------|--|
| 1. Mrenda-1 | Abuku Mrenda-1 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd | 50-1500m asl Kisumu, Siaya, Busia, Bungoma, machakos, Kakamega, Vihiga, Makueni, Migori, Homa bay | 8 weeks | 20-30 | Light green lanceolate leaves, Very high anti-oxidant activity |
| 2.Mrenda-2 | Abuku Mrenda-2 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd | 50-1500m asl Kisumu, Siaya, Busia, Bungoma, machakos, Kakamega, Vihiga, Makueni, Migori, Homa bay | 8 -12 weeks | 20-40 | Dark green elliptical leaves late flowering, Very high anti-oxidant activity, Good cooking quality |

39. NATIONAL SPIDER PLANT VARIETY LIST

Species: Spider plant (*Cleome gynandra*)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|-----------------|---------------------|-----------------|-------------------------------|---|--|-------------------|--------------|---------------------------------|
| 1.Spiderplant-1 | Abuku Spiderplant-1 | 2016 | Prof. Abukutsa Mary O.Onyango | Prof. Abukutsa Mary O.Onyango & Enos Abukutsa Memorial Holdings Ltd | 100-2400m asl Kakamega, Kisii, Nyamira, Vihiga, Kiambu, Nairobi, Meru, Bungoma, Murang'a, Nakuru | 4-5 weeks | 20-40 | Tall variety, High iron content |

40. NATIONAL GARDEN PEA VARIETY LIST

Species: Garden pea (*Pisum sativum*)

| Variety Name | Release Name | Year Of Release | Owner(S) Licensee | Maintainer And Source | Areas Of Production | Maturity Duration | Yield (T/Ha) | Special Attributes |
|--------------|--------------|-----------------|-------------------------|-------------------------|---|-------------------|--------------|---|
| Blue Moon | Blue Moon | 2016 | MARIBO DK | Agri_ Odtention France | 1200 – 2400 m asl | 4 Months | 4-Mar | Good lodging resistance; strong |
| Njabini PI | Moto super | 2021 | Simlaw seed co. Limited | Simlaw seed co. Limited | Altitude: 1500-2600 m .a.s .1 AEZ: LH-1-3, UM-1-2, Sites: Timau, Rongai, Mau, narok,Ol-jororok, Njabini, Oikalou, Molo and Kitale | 80-90 days | 1.8-2.0 | Dual purpose both when fresh and dry, Drought tolerant, Requires vertical trailing for optimum production |

41. NATIONAL PASTURE VARIETY LIST

Species: Pasture (Brachiaria spp.)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|-------------------------------|--------------|-----------------|-------------------|----------------------------|---|---|--------------|--|
| 1.Cayman | Cayman | 2016 | Advantage seeds | ACL/Tropical Seeds LLC | Moderately fertile to fertile soils in areas with 500 mm seasonal rains | 3.0 months, 1.5 - 2.5 months for regrowth | 10.5 | An apomictic hybrid Brachiaria grass; high tolerance to drought and high persistence and can maintain over 83% soil cover even four years after establishment; high regrowth capacity; and good tolerance to waterlogging, Highly nutritional quality fodder; has good qualities for preservation in form of hay |
| 2. Cobra | Cobra | 2016 | Advantage seeds | ACL/Tropical Seeds LLC | Moderately fertile to fertile soils in areas with 500 mm seasonal rains | 3.0 months, 1.5 - 2.5 months for regrowth | 9 | Apomictic hybrid Brachiaria grass ; high tolerance to drought; fast growing/maturing; erect growth habit with well-defined tussocks, which is ideal for cut-and-carry systems, It also has good persistence; has good qualities for preservation in form of hay and silage |
| 3. Mulato II | Mulato II | 2016 | Advantage seeds | ACL/Tropical Seeds LLC | Moderately fertile to fertile soils in areas with 500 mm seasonal rains | 3.0 months, 1.5 - 2.5 months for regrowth | 8.7 | It is an apomictic hybrid, high tolerance to drought, good adaptation to acid soils of medium to low fertility, fast growing/maturing; highly palatable and high in nutritional quality for livestock, It is easy to handle as a cut and carry for controlled grazing systems and has good qualities for preservation in form of hay |
| 4.Forage Sorghum (Sugargraze) | Sugargraze | 2019 | Advanta Seeds | Advanta Seed International | Altitude: 500 – 1500 masl, Examples: Bukura, Embu, | 3 – 4 cuts per cropping season | 40 - 70 | Sweet stem with very high sugar levels (16 – 18% brix), Multi cut forage and drought tolerant, Dry matter content of 14%, Suitable for |

| | | | | | | | | |
|-----------------------------------|-----------|------|-----------------|-------------------------------------|---|--|----------------------|--|
| | | | | | Kiboko, Kitale and Lanet | | | both hay, green chop and silage, Soft stems and internodes hence high palatability, Higher digestibility and forage quality |
| 5.Forage pearl millet (Nutrifeed) | Nutrifeed | 2019 | Advanta Seeds | Advanta Seed International | Altitude: 500 – 1500 masl, Examples: Bukura, Embu, Kiboko, Kitale and Lanet) | 3 – 4 cuts per cropping season | 30 - 70 | High protein (16 – 20%), High metabolizable energy (10mj/kg), Dry matter content of 17%, Multi cut and drought tolerant, Suitable for early feeding with no risk of prussic acid poisoning |
| 6.Mombasa (Urochloa) | Siambaza | 2020 | Advantage Seeds | Advantage Seeds /Tropical Seeds LLC | Altitude: 30-1500 masl, AEZ: IL 6, LM 5-6,LM 6, Sites:Opapo, Kisumu, Kwale, Voi, Embu, Cherangany | 2.5 – 3 months (for first harvest) and 1-2 months (for subsequent cuts/harvests) | 20-30 (Fresh weight) | Good tolerance to acidic soils and also moderate soil salinity, Tolerant to drought and high temperatures. Good shade tolerance, Perennial with high persistence and high regeneration capacity, Suitable for cut-and-carry but also tolerates direct grazing, Makes high quality hay and silage, High palatability, High digestibility, Crude protein content up to 14%, Tolerant to leaf rust and red spider mites |

42. NATIONAL Pumpkin VARIETY LIST

Species: Pumpkin (Cucurbita pepo L.)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|---------------|--------------|-----------------|-------------------|-----------------------|--|-------------------|--------------|---|
| 1.Elgon Cream | Elgon Cream | 2016 | Simlaw Company | Simlaw Company | 100 – 1,800m asl Kitale, Bungoma, Embu, Thika and Machakos | 100 – 150 Days | 50 – 75 | High % female flowers – 70:30; long fruit Shelf life; smooth texture (Non fibrous); sugary in taste |
| 2.KK12 | PJDKAK-12 | 2022 | Chuka University | Chuka University | Altitude: 10-2500 m.a.s.l AEZ: Lowlands, High and medium potential, Sites: Embu, | 120-140 days | 15-Oct | High total soluble solids |

| | | | | | | | | |
|---------|-----------|------|------------------|------------------|---|--------------|--------|--|
| | | | | | Kakamega, Meru, Nyeri, Tharaka Nithi, | | | |
| 3.KK30 | PJDKAK-30 | 2022 | Chuka University | Chuka University | Altitude: 10-2500 m.a.s.l AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi, | 120-130 days | 20-Aug | High total soluble solids, High fruit firmness; High number of seeds |
| 4.KK40 | PJDKAK-40 | 2022 | Chuka University | Chuka University | Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi, | 120-130 days | 15-20 | High number of fruits, High seed weight |
| 5.KK54 | PJDKAK-54 | 2022 | Chuka University | Chuka University | Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi, | 115-125 days | 10-Jul | Early maturing |
| 6.KK65 | PJDKAK-65 | 2022 | Chuka University | Chuka University | Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi, | 120-130 days | 15-May | Long fruits; High number of seeds |
| 7.NY80 | PJDNY-80 | 2022 | Chuka University | Chuka University | Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi, | 110-120 days | 25-Oct | Early maturing, High fruit weight |
| 8.NY154 | PJDNY-154 | 2022 | Chuka University | Chuka University | Altitude: 10-2500 m.a.s.l, AEZ: Lowlands, High and medium potential, Sites: Embu, Kakamega, Meru, Nyeri, Tharaka Nithi, | 115-125 days | 15-Aug | Early maturing, High seed weight |

43. NATIONAL ETHIOPIAN KALE VARIETY LIST

Species: Ethiopian Kale (*Brassica carinata*)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD(t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|-----------------|-------------------|-----------------------|---------------------|-------------------|-------------|---|
| Sarate | Nzoia Green | 2016 | Simlaw Company | Simlaw Company | 100 – 2000m asl | 30 days | 50 – 60 | Late flowering, Large and soft leaves, Unique flavour |

44. NATIONAL CORRINDER VARIETY LIST

Species: Corriander (*Coriandrum sativum* L.)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD | SPECIAL ATTRIBUTES |
|--------------|----------------------|-----------------|-------------------|-----------------------|---------------------|-------------------|----------------------------------|--|
| SC Dhania 07 | Dhania Simlaw Select | 2016 | Simlaw Company | Simlaw Company | 100 – 2000m asl | 4 weeks | Leaf: 2 – 4, Grain: 1.2 – 1.5 | Unique strong flavor, late maturing, Large biomass |

45. NATIONAL GREEN GRAM LIST

Species: Green Gram (*Vigna radiata*)

| VARIETY NAME | RELEASE NAME | Year of Release | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS FOR OPTIMAL PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|--------------|-----------------|-----------------|-------------------|-----------------------|------------------------------|-------------------|--------------|--------------------|
| 1.KAT 00301 | Ndegu Tosha | 2017 | KALRO | KALRO Katumani | 500-1600 MASL | 60-70 days | 1.9-2.3 | Non Stony Grain |
| 2.KAT 00309 | Ndengu Karembo | 2017 | KALRO | KALRO Katumani | 500-1600 MASL | 65-75 days | 1.8-2.1 | Non Stony Grain |
| 3.KAT 00308 | Ndengu Biashara | 2017 | KALRO | KALRO Katumani | 500-600 MASL | 60-75 days | 1.8-2.3 | Non Stony Grain |

46. NATIONAL PEPPER LIST

Species: Pepper (*Capscicum spp.*)

| VARIETY NAME | RELEASE NAME | Year of Release | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS FOR OPTIMAL PRODUCTION | MATURITY DURATION | YIELD(t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|-----------------|-----------------------|-----------------------|---|-------------------|-------------|--|
| 1. MU1 | Eldo-Red | 2017 | University of Eldoret | University of Eldoret | Medium – low altitude (200 - 2000m above sea level), Soil pH (4.5 - 6.0), Temperature range (15-30oC), Rainfall range (250-2000 mm per annum) | 75 Days | 4.5/Ha/Year | Late maturing (75 days), Very hot but low yielding, Tolerant to most pests and diseases under field production system except die-back, Fruits turn from green to red at maturity; easy to pick; ripen for a long period. |
| 2. MU2 | Eldo-Yellow | 2017 | University of Eldoret | University of Eldoret | Medium – low altitude (200 - 2000m above sea level), Soil pH (4.5 - 6.0), Temperature range (15-30oC), Rainfall range (250 - 2000 mm per annum) | 60 Days | 6.0/Ha/Year | Early maturing (60 days), Not very hot but high yielding, Tolerant to most pests and diseases under field production system, Fruits are short and plump, most ripen at same time, Fruits turn from green to yellow then reddish at maturity. |

47. NATIONAL AMARANTH LIST

Species: Amaranth (*Amaranthus* spp.)

| VARIETY NAME | RELEASE NAME | Year of Release | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS FOR OPTIMAL PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|-----------------|---------------------------------|-----------------------|--|-------------------|--------------|---|
| 1.AM 38 | KK Livokoyi | 2017 | KALRO and University of Eldoret | KALRO (Kakamega) | 250-2000m ASL UH, UM, LM, Lowland zone | 45 Days | 5 | Long period of leaf harvesting (30 days); High mineral content:1.Ca mg/100 g = 158 2.Mg mg/100 g = 92 3.Zn mg/100 g = 0.5 |
| 2.Ex-Zim | KK Mrambi | 2017 | KALRO and University of Eldoret | KALRO (Kakamega) | 250-2000m ASL UH, UM, LM, Lowland zone | 45 Days | 6 | Long period of leaf harvesting, (45 days); High mineral content:1.Ca mg/100 g = 462 2.Mg mg/100 g = 238 3.Zn mg/100 g = 0.4 |
| 3. KAM 114 | KAT Gold | 2018 | KALRO Katumani | KALRO Katumani | 20 - 2400 m above sea level (asl), Thrives well at 22-35°C, Suitable for a wide range of agro ecological zones including high altitude areas, medium altitudes and low lands | 80 - 100 days | 1.8 – 2.5 | Golden seeded, bushy and bears panicles on all branches, It is dual purpose and produces both grain and vegetables, Early maturing (80-100 days), Relatively drought tolerant (gives reasonable yields even when the rainfall is as low as 200mm), Highly nutritious, contains high quality proteins (20%) and particularly rich in amino acid lysine. Contains calcium, iron, phosphorous and vitamins A, D and B complex. Has high quality oils (10.4%), Highly digestible, Immune booster particularly good for the malnourished and those with low immunity, Grain amaranth is blended with other cereals to improve their nutritive qualities, Sprouts easily (for amaranth sprouts), Has good popping qualities (popped amaranth is an excellent breakfast cereal). |

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|----------------------------|--------------|------|----------------|----------------|---|--------------|-----------|--|
| 4.Katamani White (KAM 001) | Terere Smart | 2018 | KALRO Katumani | KALRO Katumani | 20 - 2400 m above sea level (asl), -Thrives well at 22-350C, Suitable for a wide range of agro ecological zones including high altitude areas, medium altitudes and low lands | 75 – 90 days | 1.3 – 1.5 | The seed colour is whitish cream, making it attractive to processors, The main stem is erect and bears a big panicle at the apex, Dual purpose (grain and vegetables), Early maturing (75-90 days), Relatively drought tolerant (gives reasonable yields even when the rainfall is as low as 200mm), Highly nutritious, contains high quality proteins (18.5%) and especially rich in amino acid lysine. Contains calcium, iron, phosphorous and vitamins A, D and B complex. Has high quality oils (9%), Highly digestible, Immune booster, particularly good for the malnourished and those with low immunity, Grain amaranth is blended with other cereals to improve their nutritive qualities, Has good popping qualities (popped amaranth is an excellent breakfast cereal). |
|----------------------------|--------------|------|----------------|----------------|---|--------------|-----------|--|

48. National Oat List

Species: Oat (*Avena sativa*)

| VARIETY NAME | RELEASE NAME | Year of Release | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS FOR OPTIMAL PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|-----------------|-------------------|-----------------------|---|-------------------|-------------------------|---|
| 011A06 | KS Oat16B | 2018 | KSCo | KSCo | 800 – 2400 m.a.s.l. (Nakuru, Nyandarua, Uasin Gishu, Trans Nzoia, Meru) | 95 -100 Days | 0.18– 0.19 (dry matter) | White grains; High in herbage (hay oat), Highly palatable and sweet-tasting to animals, Very good tillering ability (15-20 tillers per plant), Resistant to lodging, Average height 110-115cm |
| 014A01 | KS Oat16A | 2018 | KSCo | KSCo | 800 – 2400 m.a.s.l. (Nakuru, Nyandarua, | 90 – 95 Days | 4.5 - 5.5 (grains) | White grains, Grains have a slightly nutty flavor that is ideal for biscuits, oat porridge and thickening both sauces and |

| | | | | | | | | |
|--|--|--|--|--|---------------------------------|--|--|---|
| | | | | | Uasin Gishu, Trans Nzoia, Meru) | | | soups (milling oat), Very good tillering ability (12-18 tillers per plant), Resistant to lodging; Moderately resistant to leaf rust, Average height 110cm |
|--|--|--|--|--|---------------------------------|--|--|---|

49. National Triticale List

Species: Triticale (Triticosecale)

| Variety Name | Release Name | Year of release | Owner(s) Licensee | Maintainer and Source | Areas of Production | Maturity Duration | Yield(T/Ha) | Special Attributes |
|----------------|----------------|-----------------|----------------------------|----------------------------|---|-------------------|-----------------------------------|--|
| Foddatriticale | Foddatriticale | 2021 | Agriscope (Africa) Limited | Agriscope (Africa) Limited | Altitude: 1100-2000 m.a.s.l, AEZ: AEZ: UM I, UM2 and UM3, Sites: Nandi, Nakuru, Bomet, Eldoret, Kitale, Laikipia and Machakos, 160-180 days | 160-180 days | 12-Oct (t/ha) Biomass/per cutting | High digestibility of organic matter due to low acid detergent Fiber (40%), Foliar diseases (leaf rust, leaf spot and stem rust) tolerant (Less chemical use), High Metabolizable Energy, High protein content, (Crude protein content of 6-7%), Suitable for Silage and grazing |

50. National Urochloa List

Species: Urochloa (Urochloa sp.)

| Variety name/code | Release name | Year of release | Owner(s) | Maintainer and seed source | Optimal production altitude range (Masl) | Duration to maturity (days) | Seed yield(t ha-1) | Special attributes |
|------------------------|--------------|-----------------|----------|----------------------------|--|---|--------------------|--|
| Urochloa decumbens cv. | Basilisk | 2021 | KALRO | KALRO | Altitude: 20-2300 m a s l, AEZ: UH1-3, LH 1-4, UM1-4, LM 1-4, CL 1-4, Sites: Coast, Kitui, Lanet, Nakuru, Meru | Perennial crop, takes 3-4 months to establish and if well managed it has a productive life of 10- 20 years. | | Resistance to spider mites attack, establish well with seed and splits, highly persistence to grazing, Good digestibility, Suitable for haling, Drought and low, temperature |

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|---------------------------------|--------|------|-------|-------------|--|---|---------------------------------|--|
| | | | | | | | | tolerant, High protein content (crude protein of 6-8%) |
| Urochloa decumbens cv.Piata | Piata | 2021 | KALRO | KALRO | Altitude: 20-2000 masl, AEZ: UH1-3, LH 1-4, UM1-4, LM 1-4, CL 1-4, Sites: Coast, Kitui, Lanet, Nakuru, Meru | Perennial crop, takes 3-4 months to establish and if well managed it has a productive life of 10- 15 years | 10- 18 t dry matter/ha per year | Tolerant to spider mites attack, Establish well with seeds and splits, Suitable for cut and carry, Good digestibility, Drought tolerant, High protein content (crude protein of 9-10%) |
| Urochloa brizantha cv.Xaraes | Toledo | 2021 | KALRO | KALRO | Altitude: 20-2300 m asl AEZ: UH1-3, LH 1-4, UM1-4 , LM 1-4, CL 1-4 Sites: Coast, Kitui, Lanet, Nakuru, Meru | Perennial crop, takes 3-4 months to establish and if well managed it has a productive life of 10- 15 years | 10- 20 t dry matter/ha per year | Tolerant to spider mites attack, Establish well with seeds and splits, Suitable for cut and carry, Good nutritive quality, Digestible-good, High protein content (crude protein of 7-9%) |
| Urochloa brizantha cv MG-4 | MG -4 | 2021 | KALRO | KALRO | Altitude: 20-2300 m asl AEZ: UH1-3, LH 1-4, UM1-4 , LM 1-4, CL 1-4 Sites: Coast, Kitui, Lanet, Nakuru, Meru | Perennial crop, takes 3-4 months before grazing and if well managed it has a productive life of 10- 20years | 7 - 14 t dry matter/ha per year | Resistance to spider mites attack, establish well with seed and splits, Persistence to grazing, High Nutritive Quality Suitable for baling, Drought and low temperature tolerant, High protein content (crude protein of 7-8%) |
| Brachiaria Brizantha var. KISII | KS1 | 2021 | KALRO | KALRO LANET | Altitude: 0-2500 m.a.s.l AEZ: LH 2-5, UM 2-5, LM 2-5, CL 2-5 Sites: Nakuru, Baringo, Kericho, Narok, Embu, Isiolo, Marsabit, Kilifi, Kisii, Kakmega, Busia, Kiambu | 3- 4 months | 12-20 t dry matter/ha per year | High seed production, Tolerant to drought, High nutritive profile with CP up to 13%, High digestibility, Improves soil fertility, Prevents soil erosion, Wide adaptability, Over 10- 15 years of productive life with proper management |
| Brachiaria Brizantha var. BUSIA | BS1 | 2021 | KALRO | KALRO LANET | Altitude: 0-2500 m.a.s.l AEZ: LH 2-5, UM 2-5, LM 2-5, CL 2-5 Sites: Nakuru, Baringo, Kericho, Narok, Embu, Isiolo, Marsabit, Kilifi, Kisii, Kakmega, Busia, Kiambu | 3- 4 months | 12-20 t dry matter/ha per year | High seed production, Tolerant to pests and diseases, Tolerant to drought, High nutritive profile with CP up to 13%, High digestibility, Improves soil fertility, Prevents soil erosion, Wide adaptability, Establishes well with over 10-15 years of productive life with proper management |

51. National Horsetail grass list.

Horse grass (*Chloris roxburghiana*)

| CROP/KIT | VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD(t/ha) | SPECIAL ATTRIBUTES |
|-----------------|--|--------------|-----------------|-------------------|-----------------------|--|-------------------|------------------------------|--|
| Horsetail grass | <i>Chloris roxburghiana</i> var. CHROX-KBK | CHROX-KBK | 2021 | KALRO | KALRO | Altitude: 0-1500 m.a.s.l AEZ: UM 4-6, LM 4-6, CL-4-6 Sites: ASAL AREAS; Makueni, Marsabit, Turkana, Baringo, Kajiado, Narok, Taita Taveta, Laikipia, Machakos, Tana River, Isiolo, West pokot, Kwale | 3-4 months | 1-5 t dry matter/ha per year | Drought tolerant, widely adapted in the ASALs, Free from pests and diseases, highly palatable at optimum nutritive stage, Good for range land rehabilitation, High crude protein up to 14%, Moderately tolerant to shade, Fast growth after harvest, Suitable for cut and carry or baling, Over 15 years of productive life with proper management |

52. National Bushrye grass list

Bushrye grass (*Enteropogon macrostachyus*)

| CROP/KIT | VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD(t/ha) | SPECIAL ATTRIBUTES |
|---------------|--|--------------|-----------------|-------------------|-----------------------|--|-------------------|------------------------------|--|
| Bushrye grass | <i>Enteropogon macrostachyus</i> var. ENMA-KBK | ENMA-KBK | 2021 | KALRO | KALRO | Altitude: 20-2400 m.a.s.l AEZ: LH 3-5, UM 3-5, LM 3-5, CL 3-5 Sites: ASAL areas; Makueni, Narok, Kajiado, Kitui, Taita Taveta, Baringo, Nakuru, Busia, Laikipia, Machakos, Kinangop, Kilifi, Mombasa, Lamu, Kwale, Tana River, Turkana, Isiolo | 3-4 months | 1-7 t dry matter/ha per year | Drought tolerant, Shade tolerant (Can be intercropped with fruit and timber trees such as <i>Melia Volkensii</i> , Fast regrowth after harvest, High palatability, Prolific in seed production, Widely adapted in the asalS, Good for rangeland rehabilitation, 15 years of productive life with proper management |

53. National Buffel grass list

Buffel grass (*Cenchrus ciliaris*)

| CROP/KIT | VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD(t/ha) | SPECIAL ATTRIBUTES |
|-----------------|-------------------------------------|--------------|-----------------|-------------------|-----------------------|--|-------------------|--------------------------------|--|
| 1. Buffel grass | <i>Cenchrus ciliaris</i> var. MGD-1 | MGD-1 | 2021 | KALRO | KALRO | Altitude: 0-2000 m.a.s.l AEZ: UM 3-6, LM 3-6, CL 3-6 Sites: Kajiado, Makueni, Narok, Kitui, Taita Taveta, Baringo, Nakuru, Busia, Laikipia, Machakos, Kilifi, West pokot | 3-4 months | 5-10 t dry matter/ha per year | Drought tolerant, Tolerant to grazing pressure, Fast regrowth after harvest, High CP up to 12%, High digestibility, Suitable for cut and carry or baling, Good for rangeland rehabilitation, Competitive and aggressive growth against weeds, Good for soil erosion control, Early maturing and vigorous growth after harvest, Free from pests and diseases, Over 20 years of productive life with proper management |
| 2. Buffel grass | <i>Cenchrus ciliaris</i> var. TVT-3 | TVT-3 | 2021 | KALRO | KALRO | Altitude: 0-2000m m.a.s.l AEZ: UM 3-5, LM | 3-4 months | 6-10 t dry matter /ha per year | Drought tolerant, Tolerant to grazing pressure, High CP up to 11%, Prolific in seed production, |

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|--|--|--|--|--|--|--|--|--|--|
| | | | | | | 3-5, CL 3-5 Sites: Kajiado, Makueni, Narok, Kitui, Busia, Laikipia, Machakos, Taita Taveta, Baringo, Nakuru, Kilifi | | | Easy to harvest seeds, highly palatable and preferred at optimal nutritive stage, Spreads easily through rhizomes, Competitive and aggressive growth against weeds, Good for soil erosion control, Suitable for cut and carry or baling, Over 20 years of productive life with proper management |
|--|--|--|--|--|--|--|--|--|--|

54. Species: Cashew nut (*Anacardium occidentale*).

| CROP/KIT | VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD(t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|--------------|-----------------|-------------------|-----------------------|---|-------------------|---|---|
| 1.Cashew nut | A81 | KKorosh-81 | 2022 | KALRO | KALRO ICRI MTWAPA | Altitude: 10-1000masl AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4) | 3 years | 3.5 (50 kg per tree/per year) (At 5 years) | High cashewnut yields, High quality kernels, Large red apples ideal for juice/wine production |
| 2.Cashew nut | A82 | KKorosh-82 | 2022 | KALRO | KALRO ICRI MTWAPA | Altitude: 10-1000m AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4) | 3 years | 3.9 (55 kg/tree/year) (At 5 years) | Large kernels of attractive grades, Medium sized cashew apples |

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|--------------|-------|--------------|------|-------|-------------------|--|---------|--|---|
| 3.Cashew nut | A100 | KKorosho-100 | 2022 | KALRO | KALRO ICRI MTWAPA | Altitude: 10-1000m AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4) | 3 years | 4.2 (60 kg per tree per year) (At 5 years) | Characterized by high number of nuts per panicle, Medium sized kernels, Medium sized cashew apples |
| 4.Cashew nut | A7583 | KKorosho-75 | 2022 | KALRO | KALRO ICRI MTWAPA | Altitude: 10-1000m AEZ: L2-L5,LM3-LM5 Sites: Kwale, Mombasa, Kilifi, Tana River, Lamu, Taita Taveta, Kitui, Makueni, Tharaka Nithi Homa Bay (LM4), Kisumu (LM4), Siaya (LM4) and Busia (LM4) | 3 years | 4.9 (70 kg per tree per year) (At 5 years) | Secondary flowering and prolonged production duration of up to 6 months, Medium sized kernels, Medium sized cashew apples |

55. Species: Egg plant (*Solanum melongena* L)

| VARIETY NAME | RELEASE NAME | YEAR OF RELEASE | OWNER(S) LICENSEE | MAINTAINER AND SOURCE | AREAS OF PRODUCTION | MATURITY DURATION | YIELD (t/ha) | SPECIAL ATTRIBUTES |
|--------------|--------------|-----------------|-------------------|-----------------------|---|-------------------|--------------|--|
| 1.EGPUL001 | RAVA FCS | 2023 | Continental seed | Continental seed | Altitude:900-1800 m.a.s.l AEZ:UH 3-4,LH2-4,UM 2-3 Sites: Nyanza ,Western central,Rift valley, Naivasha, Laikipia,Eastern and coast Region | 60 to 75 days | 30 to 37 | Long cylindrical,dark violet fruits with strong curvature,semi-determinate plant with strong vigour,medium to large fruits |

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|-----------|-------------|------|------------------|------------------|--|---------------|----------|---|
| 2.AGNT001 | Green Ntula | 2023 | Continental seed | Continental seed | Altitude:600-1200 m.a.s.l AEZ:UH 3-4,LH2-4,UM 2-3 Sites: Western central,Lake region, soutj rift,Eastern and coast Region | 60 to 65 days | 40 to 45 | Early maturing vigorous plant,meduim resistance to bacterial wilt disease,strong tolerance to pest attack |
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56. NOTES.

- a) Year of release - refers to the year when the national variety release committee released the variety
- b) Owner is Institution or individual breeder.
- c) Maintainer is the owner or one who maintains the original material on arrangement with the owner.