

NATIONAL CROP VARIETY LIST FOR UGANDA

Species: Zea Mays L

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range (masl)	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
1. White star	1960	NARO	NARO	1000- 1600	115	2.5	Resistant to leaf rust, early maturity
2. Western Queen	1960	NARO	NARO	1000 - 1600	100	2.5	Resistant to leaf rust, early maturity
3. Kawanda Comp A.	1971	NARO	NARO	1000 - 1600	135 - 140	3.4	Susceptible to MSV, tall and susceptible to lodging
4. Longe 1	1991	NARO	NARO	1000 - 1600	115	4 - 6	Resistant to MSV, drought tolerant, early maturity
5. Longe 2 H (Hybrid B)	1999	NARO	NARO	1000 - 1600	125	6 - 8	Resistant to MSV, NLB, GLS and to storage pests, resistant to lodging, produces 2 cobs/ plant
6. Longe 3 H (Hybrid C)	1999	NARO	NARO	1000 - 1600	125	6 - 8	Resistant to MSV, NLB, GLS and to storage pests, tendency to produce 2 cobs/plant
7. Longe 4 (LP 16)	2000	NARO	NARO	1000 - 1600	100 - 105	4 - 6	Resistant to MSV, NLB and GLS, early

							maturity, drought tolerant
8. Longe 5 (Obatampa POP 63 QPM)	2000	NARO	NARO	1000 - 1600	115	4 - 6	Resistant to MSV, GLS, susceptible to NLB, early maturity, drought tolerant, high content of Lysine and Tryptophane
9. SC 627	2000	SEED CO	SEED CO	1000 - 1600	125	6 - 8	Resistant to MSV, NLB and GLS, High yielding
10. PAN 67	2000	PANNAR	PANNAR	1000 - 1600	120	6 - 8	Resistant to MSV, NLB, GLS, tolerant to acidic soils and drought, high yielding
11. PAN 77	2002	PANNAR	PANNAR	1000 - 1600	141 - 147	6 - 8	Resistant to MSV and GLS, prolific plants
12. SC 407	2002	SEED CO	SEED CO	1000 - 1600	110	6 - 8	Early maturity, good for short rains, good yield stability
13. PAN 15	2002	PANNAR	PANNAR	1000 - 1600	120	6 - 8	Has snow white gains
14. Longe 6 H	2002	NARO	NARO	1000 - 1600	125	8	Resistant to MSV, NLB, GLS
15. Longe 7 H	2002	NARO	NARO	1000 - 1600	125	8	Resistant to MSV, NLB, GLS
16. Longe 8 H	2002	NARO	NARO	1000 - 1600	125	8	Resistant to MSV, NLB, GLS
17. DK 8051	2003	MOSANTO	MOSANTO	1000 - 1600	145 - 150	6 - 8	Resistant to MSV, NLB, GLS
18. DK 8071	2003	MOSANTO	MOSANTO	1000 - 160	145 - 150	6 - 8	Resistant to MSV, NLB, GLS
19. PAN	2003	PANNAR	PANAR	1000 - 1600	180 - 210	4 - 7	Resistant to MSV, NLB, GLS
20. DK 8031	2004	MOSANTO	MOSANTO	1000 - 1600	145 - 150	6 - 8	Resistant to MSV,

							NLB, GLS
21. H 517	2005	KSCO	KSCO	1400 - 2400	200- 210	11	Highland hybrids
22. H 529	2005	KSCO	KSCO	1400 - 2400	200 - 210	11	Highland hybrids
23. H 614	2005	KSCO	KSCO	1400 - 2400	200 - 210	11	Highland hybrids
24. H628	2005	KSCO	KSCO	1400 - 2400	200 - 210	11	Highland hybrids
25. H 629	2005	KSCO	KSCO	1400- 2400	200 - 210	12	Highland hybrids
26. UH 6303	2006	UYOLE	UYOLE	1400 - 1800	150 - 180	10	Transitional Zone hybrid
27. UH 615	2006	UYOLE	UYOLE	1400 - 1800	150 - 160	9	Transitional Zone hybrid
28. WH 403	2006	WSCO	WSCO	1000 - 1500	125	8	Mid- altitude hybrid
29. PHB 30 V 53	2007	PIONEER	PIONEER	1000 - 1600	125	8	Mid- altitude hybrid
30. PHB 30 G 19	2007	PIONEER	PIONEER	1000 - 1600	125	8	Mid- altitude hybrid
31. YARA 41	2008	KARI	KARI	1000 - 1600	160 - 180	8	Mid- altitude hybrid
32. YARA 42	2008	KARI	KARI	1000 - 1600	160 - 180	8	Mid- altitude hybrid
33. H QPM(Salongo)	2008	NASECO	NASECO	1000 - 1600	120	7	Resistant to MSV, NLB, GLS, (QPM)
34. H 9 H	2009	NARO	NARO	1000 – 1600	120	8	Resistant to MSV, NLB, GLS, drought tolerant
35. H 10 H	2009	NARO	NARO	1000 – 1600	120	9	Resistant to MSV, NLB, GLS, drought tolerant
36. H 11 H	2009	NARO	NARO	1000 – 1600	120	8	Resistant to MSV, NLB, GLS, drought tolerant
37. Myezi Mitatu(MM3)	2010	NARO	NARO	1000 - 1600	75 - 85	4 - 6	Resistant to MSV, NLB, GLS Drought tolerant
38. PAN 4M- 19	2011	PANNAR	PANNAR	1000 - 1600	100 - 110	7.5	Resistant to MSV, stress tolerant, flint grain type

39. PAN 5 M - 35	2011	PANNAR	PANNAR	1000 - 1600	120 - 135	8.7	Resistant to MSV, flint grain type
40. PAN 7 M - 89	2011	PANNAR	PANNAR	1000 - 1600	140 - 150	9.0	Resistant to MSV, good semi dent grain type
41. PAN 63	2011	PANNAR	PANNAR	1000 - 1600	120 - 135	8.7	Resistant to MSV, good stand ability, flint grain type
42. Longe 5 D	2012	NARO	NARO	1000 - 1600	115	4 - 6	Resistant to NLB
43. UH 5051 (ECAVL1/ECAVL 18)	2012	NARO	NARO	1000 - 1600			Water efficient , drought tolerant varietal hybrids
44. UH 5052 (ECAVL 2/ECAVL 19)	2012	NARO	NARO	1000 - 1600			Water efficient , drought tolerant varietal hybrids
45. UH 5053 (ECAVL2/ECAVIL18)	2012	NARO	NARO	1000 - 1600			Water efficient , drought tolerant varietal hybrids
/46. FH 6150	2012	FICA	NARO	1000 - 1600			Mid- altitude hybrid
47. FH 5160	2012	FICA	NARO	1000 - 1600			Mid- altitude hybrid
48. VP max (VP5120)	2012	EASCO	NARO	1000 - 1600			Mid- altitude hybrid
49. KH 500 – 43 A	2012	EASCO	NARO	1000 - 1600			Mid- altitude hybrid
50. ZMS 652	2012	EASCO	NARO	1000 - 1600			Mid- altitude hybrid
51. KH 600 – 15 A	2012	NASECO	NARO	1000 - 1600			Mid- altitude hybrid
52. NAS 9200 6 HK	2012	NASECO	NARO	1000 - 1600			Mid- altitude hybrid
53. FH 5005 S	2013	NARO	NARO	1000 - 1600			Low aflatoxin accumulation
54. VIC 1	2013	NARO	NARO	1000 - 1600			Drought Tolerant
55. VIC 2	2013	NARO	NARO	1000 - 1600			Drought Tolerant
56. WE 2114	2013	NARO	NARO				Intermediate – Late maturity, water

							efficient, dent grain type
57. WE 2115	2013	NARO	NARO	1000 - 1600			
57. TA/WL 118 - 6	2013	NARO	NARO	1000 - 1600			Weevil resistant
58. CKH 10769	2013	NARO	NARO				Drought and MLN tolerant
59. CKH 10692	2013	NARO	NARO				Drought and MLN tolerant
60. WE 2101	2014	NARO	NARO	1000 - 1600	120	6	Intermediate – Late maturity, water efficient, dent grain type
61. WE 2103	2014	NARO	NARO	1000 - 1600	120	4	Intermediate – Late maturity, water efficient, resistant to aflatoxin ,semi-dent grain type
62. WE 2104	2014	NARO	NARO	1000 - 1600	120	5	Intermediate – Late maturity, water efficient, resistant to aflatoxin dent grain type
63. WE 2106	2014	NARO	NARO	1000 - 1600	120	6	Intermediate – Late maturity, water efficient, resistant to aflatoxin, dent grain type
64. UH 5402	2014	NARO	NARO	1000 - 1600	120	6	Intermediate – Late maturity, water efficient, resistant to aflatoxin
65. CKH 10773 (UH 10773)	2015	NARO	NARO	1000 - 1600			Tolerant to Maize Lethal Necrotic disease

							(MLN)
66. CKH 0616 (UH 5557)	2015	NARO	NARO	1000 - 1600			Drought and low nitrogen tolerant
67. TA/WL 429 – 12 (UH 5403)	2015	NARO	NARO	1000 - 1600			Weevil resistant
68. WH 505	2015	WSCO	WSCO	1000 - 1600			Drought tolerant, high yielding
69. WH 401	2015	WSCO	WSCO	1000 - 1600			Early maturing, high yielding
70. SC 637	2015	SEED CO	SEED CO	1000 - 1600			High yielding, resistant to common foliar diseases with intermediate maturity
71. SC 719	2015	SEED CO	SEED CO	1000 - 1600			High yielding, adapted to both mid- altitude and transitional zones

Species: Phaseolus vulgaris L

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Banja 2	1968	NARO	NARO	1000 - 1600	80	1.5	Susceptible to anthracnose, Early maturity, unstable yields
K20	1970	NARO	NARO	1000 - 1600	95	2.0	Resistant to black root, BCMV, Large red mottled seed
K131 (MCM 5001)	1994	NARO	NARO	1000 - 1600	90	3.0	Resistant to BCMV, BR, and anthracnose, good

							taste, high yield potential
K132 (CAL 96)	1994	NARO	NARO	1000 - 1600	80	2.0	Resistant to RR, susceptible to anthracnose and root rot, large red mottled seed
NABE 1 (OBA 1)	1995	NARO	NARO	1000 - 1600	80	1.5-20	Resistant to MSV, Br, and anthracnose, Tolerant to low soil nitrogen, phosphorous as well as high manganese soil conditions
NABE 2 (MCM1015)	1995	NARO	NARO	1000 - 1600	90	1.5-2.5	Resistant to BCMV, Br and anthracnose, black seeded
NABE 3 (MCM 2001)	1996	NARO	NARO	1000 - 1600	88	1.5-2.5	Resistant to BCMV, Br and anthracnose, red seeded
NABE 4 (POA 2)	1999	NARO	NARO	1000 - 1600	80-85	1.5-2.5	Resistant to BCMV, Br and anthracnose, red seeded, good for export
NABE 5 (SUGAR 73)	1999	NARO	NARO	1000 - 1600	80-82	1.5-2	Susceptible to anthracnose, seed is cream with light red irregular bands, shows color

							reversal, lodges under heavy rainfall conditions, very palatable, good for export
NABE 6 (UBR92) 25ML	1999	NARO	NARO	1000 - 1600	85-90	1.5-2	Resistant to BR, small white seeds(navy), good canning quality for export
NABE 7	1999	NARO	NARO	1000 - 1600	90-95	1.5-2	Tolerant to anthracnose, root rot, CBB rust and BCMV
NABE 7C* (Vuninkingi)	1999	NARO	NARO	> 1600	80-115	2.5-4	Tolerant to CBB, red/maroon seeds
NABE 8C* (Ngwinurare)	1999	NARO	NARO	> 1600	80-110	2.5-4	Tolerant to CBB, large red seeds, leaves suitable for consumption
NABE 9C* (Gisenyi)	1999	NARO	NARO	> 1600	90-115	1.5-3	Susceptible to anthracnose and angular leaf spot, white and black speckled seed
NABE 10C* Umubano	1999	NARO	NARO	> 1600	85-100	2.5-3.5	Resistant to anthracnose but susceptible to rust, red small seeds, leaves suitable for consumption
NABE 11 C*	2003	NARO	NARO	> 1600	90-110	2.3-3.0	Tolerant to anthracnose, root

							rot, CBB, rust and BCMV
*Varieties with a letter 'c' are climbing bean (type IV) which require staking							
NABE 12 C*	2005	NARO	NARO	> 1600	90-110	2.3-3.0	Tolerant to anthracnose, root rot, CBB, rust and BCMV
NABE 26 C (F4:8 34 ML-14/4)	2012	NARO	NARO	>1600			High yielding, tasty, tolerant to root rot, ALS, anthracnose
NABE 27 C (F4:8 34 ML – 2/3)	2012	NARO	NARO	>1600			High yielding, tasty, tolerant to root rot, ALS, anthracnose
NABE 28 C (F5:8 90 ML – 2/1/39)	2012	NARO	NARO	>1600			High yielding, tasty, tolerant to root rot, ALS, anthracnose
NABE 29 C (F6:8 90 ML – 5/13)	2012	NARO	NARO	>1600			High yielding, tasty, tolerant to root rot, ALS, anthracnose
RWR 2075	2006	NARO	NARO	1000 - 1600	90-95	1.5-2.0	Tolerant to anthracnose, root rot, CBB rust and BCMV
RWR 1946	2006	NARO	NARO	1000 - 1600	90-95	1.5-2.0	Tolerant to anthracnose, root rot, CBB rust and BCMV
NABE 15 (NARBL-144)	2010	NARO	NARO	1000 - 1600	70	1.8 – 2.0	Resistant to anthracnose, red

							seed color
NABE 16 (NARBL 233-2)	2010	NARO	NARO	1000- 1600	60 - 70	1.8 – 2.0	Marketable, suitable for all regions, tasty and swells when cooked
NABE 17 (NARBL 220)	2012	NARO	NARO	1000- 1600	58 - 78	2.0 – 2.5	Highly marketable and tasty
NABE 18 (NARBL 110 -1)	2012	NARO	NARO	1000- 1600	65 - 75	2.0 – 2.5	Mostly suitable for Northern Uganda, very tasty
NABE 19 (NARBL 50 – 1)	2012	NARO	NARO	1000- 1600	60 - 70	2.0– 2.5	Highly marketable, tasty and cooks well
NABE 20 (NARBL 50 – 3)	2012	NARO	NARO	1000- 1600	60 - 70	1.6– 2.0	marketable, tasty and cooks well
NABE 21 (NARBL 53 – 3)	2012	NARO	NARO	1000- 1600	60 - 70	1.5 – 2.0	marketable, tasty and cooks well
NABE 22 (NARBL 40 – 3)	2012	NARO	NARO	1000- 1600	60 - 70	1.5 – 2.0	Mostly suitable for Northern Uganda and cooks well
NABE 23 (NARBL 252)							
Species: <i>Gycine max</i>							
Variety name/code	Year of release	Owners	Maintain er and	Optimal production	Duration to	Grain yield	Special attributes

			seed source	altitude range	maturity (days)	(T/Ha)	
1. Bukalasa 4	1967	NARO	NARO	1000 - 1600	90-95	1.0	Susceptible to bacterial pustule and rust, shatters, lodges
2. S 38	1968	NARO	NARO	1000 - 1600	90-100	0.8	Susceptible to bacterial pustule and rust, shatters, lodges
3. Congo 72	1969	NARO	NARO	1000 - 1600	90-100	0.5	Resistant to rust, Resistant to shattering
4. Kabanyolo 1	1971	NARO	NARO	1000 - 1600	90-100	2.0-3.0	Susceptible to bacterial pustule and rust, susceptible to shattering and lodging
5. Nam 1 (CAL 131)	1989	NARO	NARO	1000 - 1600	100-115	2.5-3.5	Resistant to bacterial pustule, susceptible to rust, resistant to shattering
6. Nam II (L73)	1994	NARO	NARO	1000 - 1600	115-120	2.5-3.5	Resistant to bacterial pustule, susceptible to rust, good pod clearance, big seeded with black hilum, resistant to shattering
7. Namsoy 3	2000	NARO	NARO	1000 - 1600	100	1.5-2.0	Resistant to

(NG7-3)							bacterial pustule and frog eye leaf spots, resistant to shattering, improved nodulation, early maturity
8. Maksoy 1N	2004	MAK	MAK	1000 - 1600	95	2.0 – 2.5	Resistant to soybean rust, very resistant to pod shattering, oil content 17% and protein content 41%.
9. Namsoy 4M	2004	MAK	MAK	1000- 1600	100	2.0 – 3.5	Resistant to soybean rust, resistant to pod shattering, oil content 19% and protein content 43%.
10. Maksoy 2 N	2008	MAK	MAK	1000- 1600	105	2.5 – 3.0	Tall variety reaching 1 meter, resistant to shattering and bacterial pustule
11. Maksoy 3 N	2010	MAK	MAK	1000 - 1600		2.5 – 3.5	Resistant to Soybean rust, protein content 48%
12. Maksoy 4 N	2013	MAK	MAK	1000 - 1600			Tolerant to Soybean rust, early maturing
13. Maksoy 5 N	2013	MAK	MAK	1000 - 1600			Tolerant to

							Soybean rust, early maturing
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Species: Snap beans

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
NAROSnBe1 (J 12)	2014	NARO	NARO	1000 - 1600	60	1.4	Snaps easily, straight and long, green color and does not grow after harvesting
NAROSnBe2 (SB 001)	2014	NARO	NARO	1000 - 1600	65	1.6	Heavy green beans for marketability
NAROSnBe3 (SB004)	2014	NARO	NARO	1000 - 1600	65	1.3	Heavy green beans for marketability

Species: Oryza sativa

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
1. Abilony (IRAT 112)	1995	NARO	NARO	1000 - 1600	90	3.0	Resistant to blast, upland variety, non-shattering

2. UK-2 (2228)	1995	NARO	NARO	1000 - 1600	90	3.0	Resistant to blast, upland variety, non-shattering
3. NP-3 (2995)	1995	NARO	NARO	1000 - 1600	90	3.5	Tolerant to blast, upland variety, non-shattering
4. NP-2 (5881)	1995	NARO	NARO	1000 - 1600	90	3.0	Resistant to blast, upland variety, non-shattering
5. NARIC 1 (ITA 257)	2002	NARO	NARO	1000 - 1600	105	3.6	Moderately resistant to blast, upland variety, non-shattering
6. NARIC 11 (ITA 325)	2002	NARO	NARO	1000 - 1600	105	3.3	Resistant to blast, upland variety, non-shattering
7. NARIC 111 (WAB 450)	2002	NARO/ NASECO	NARO/ NASECO	1000 - 1600	120	3.5	Resistant to blast, upland variety, non-shattering
8. SUPERICA 1 (WABC 165)	2002	NARO/ NASECO	NARO/ NASECO	1000 - 1600	120	2.0	Resistant to stem rust and yellow rust, tolerant to soil acidity
9. NERICA 1	2007	NARO	NARO	1000 - 1600	120	2.0	Resistant to stem rust and yellow rust, tolerant to soil acidity
10. NERICA 4	2007	NARO	NARO	1000 - 1600	120	2.0	Resistant to stem rust and yellow rust, tolerant to soil acidity
11. NERICA 10	2007	NARO	NARO	1000 - 1600	120	2.0	Resistant to stem rust and yellow

							rust, tolerant to soil acidity
12. Namche 1	2013	NARO	NARO	1000 – 1600			Good flakiness, good color, Resistant to stem rust and yellow rust
13. Namche 2	2013	NARO	NARO	1000 – 1600			Good flakiness, good color, Resistant to stem rust and yellow rust
14. Namche 3	2013	NARO	NARO	1000 – 1600			Good flakiness, good color, Resistant to stem rust and yellow rust
15. Namche 4	2013	NARO	NARO	1000 – 1600			Good flakiness, good color, Resistant to stem rust and yellow rust
16. NERICA 6	2014	NARO	NARO	1000 - 1600	125		Tolerant to RYMV, blast , BLB, long soft but no sticky grains when cooked
17. Komboka	2014	NARO	NARO	1000 - 1600	118		Tolerant to RYMV, blast , BLB, long soft but no sticky grains when cooked
18. Okile	2014	NARO	NARO	1000 - 1600	140		Tolerant to RYMV,

							blast , BLB, long soft but no sticky grains when cooked
19. Agoro	2014	NARO	NARO	1000 - 1600	124		Tolerant to RYMV, blast , BLB, long soft but no sticky grains when cooked
20. WITA 9	2014	NARO	NARO	1000 - 1600	145		Tolerant to RYMV, blast , BLB, long soft but no sticky grains when cooked

Species: Triticum sativum L

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Kenya Chiriku	1995	NARO	NARO	> 1600	108	2.0	Resistant to stem and yellow rust, tolerant to soil acidity
Pasa	1995	NARO	NARO	> 1600	112	2.0	Resistant to stem and leaf rust, susceptible to yellow rust, resistant to lodging

Nkungu	1995	NARO	NARO	> 1600	114	2.0	Resistant to stem, leaf and yellow rust in the ear
Karne	2006	NARO	NARO	> 1600	120 - 130		
Sabiny	2006	NARO	NARO	> 1600	120 - 130		
BUGI 01 (BUGI 1)	2015	NARO	NARO	> 1600			Resistant to Ug 99 stem rust
BUGI 02 (BUGI2)	2015	NARO	NARO	> 1600			Resistant to Ug 99 stem rust
BUGI 03 (BUGI 3)	2015	NARO	NARO	> 1600			Resistant to Ug 99 stem rust
Species: <i>Sorghum bicolor</i> L							
Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Serena (P127 x 1) Dobbs	1966	NARO	NARO	1000 - 1600	100	3-4	Resistant to sorghum shoot fly
Seredo (5 D x 135/13)	1980	NARO	NARO	1000 - 1600	100	3-5	Tolerant to stem borers and shoot fly
Sekedo (E525 Ht. Red)	1995	NARO	NARO	1000 - 1600	100	4-5	Resistant to stem borers, moderately resistant to

							brown seed
Seremi 1 (P249) (Pese 11)	1999	NARO	NARO	1000 - 1600	100	2-3	Resistant to blast, moderately tolerant to lodging than Pese 1, brown seeded
Seremi 2 (U 15)	1999	NARO	NARO	1000 - 1600	70-80	2	Resistant to blast, resistant to lodging, early maturity
Seremi 3 (Sx 17-88)	1999	NARO	NARO	1000 - 1600	90-100	2.5-3	Resistant to blast, resistant to lodging, drought tolerant, maroon red seeded
Species: <i>Pennisetum glaucum</i> L. Gaertn							
Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Serere Comp. 1	1969	NARO	NARO	1000 - 1600	75	3	Resistant to striga

Serere Comp. 2	1982	NARO	NARO	1000 - 1600	75	3.5	Resistant to striga
ICMV 225	2010	NARO	NARO	1000 - 1600	75	3.5	Less susceptible to bird damage

Species: *Arachis hypogea*

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Manipinter	1968	NARO	NARO	1000 - 1600	110-120	2.5	Resistant to cercospora leaf spot, red seeds with white strips
Bukene	1968	NARO	NARO	1000 - 1600	110-120	2.3	Resistant to rosette, tan colored seeds
Red beauty	1968	NARO	NARO	1000 - 1600	90-110	2.4	Susceptible to rosette ,red seeded, suitable for confectionery
Tatu 386	1969	NARO	NARO	1000 - 1600	110	2.4	Moderately resistant to rosette, tan colored seeds, suitable for confectionery
Roxo	1969	NARO	NARO	1000 - 1600	100-110	2.5	Susceptible to rosette ,red seeded
Mt. Makulu Red	1971	NARO	NARO	1000 - 1600	120-130	2.6	Moderately

							resistant to rosette, large red seeded, suitable for confectionery
Igola-1	1999	NARO	NARO	1000 - 1600	125-130	3	Resistant to rosette, large seeded brown with strips, suitable for confectionery
Serenut 1R (ICGV-SM83708) (Serere Red)	1999	NARO	NARO	1000 - 1600	100-110	2.8	Moderately resistant to rosette and leaf spots, tolerant to draught, red seeded with average 40% oil content
Serenut 2 (ICGV-SM 90704) Igola-II	1999	NARO	NARO	1000 - 1600	100-110	2.8	Resistant to rosette and draught, tan seeded with average 42% oil content
Serenut 3 R (ICGV-SM93530)	2002	NARO	NARO	1000 - 1600	100-105	2.7	Resistant to rosette and leaf spots, red seeded with average 47% oil content
Serenut 4 (ICG-122991)	2002	NARO	NARO	1000 - 1600	90-100	2.5	Resistant to rosette and leaf spots
Serenut 5 R (ICGV-	2010	NARO	NARO	1000 - 1600	100 - 110	2.5	Superior shelling quality,

93535)							moderately tolerant to leaf spots, high seed yield
Serenut 6 T (ICGV – 99566)	2010	NARO	NARO	1000 - 1600	100 - 110	2.5	Softer shell
Serenut 7 T (ICGV – 99018)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Very sweet
Serenut 9 T (ICGV – 99044)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Very sweet
Serenut 11 T (ICGV – 99031)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Softer shell
Serenut 13 T (ICGV – 99052)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Softer shell
Serenut 8R (ICGV – 99019)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Softer shell
Serenut 10R (ICGV – 99024)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Softer shell
Serenut 12R (ICGV – 99048)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Softer shell
Serenut 14R (ICGV – 99064)	2011	NARO	NARO	1000 - 1600	100 - 110	2.5	Softer shell
Species: <i>Helianthus Annus</i>							
Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
New Sunfola	1991	NARO	NARO	1000 - 1600	100 - 110	1.8	Susceptible to stem rots, soft seed coat with high oil content

							(40%)
PAN 7351	2004	PANNAR	PANNAR	1000 - 1600	90 -110	1.6	Resistant to alternaria leaf spots, high oil content (46-57%), stripped seed
DK 4040	2007	MOSANTO	MOSANTO	1000 - 1600	110 - 120		Hybrid variety
AGSUN 8251	2007	NARO	VICTORIA	1000 - 1600	110 - 120		Hybrid variety
SNF 68 - 22	2007	MOSANTO	MOSANTO	1000 - 1600	110 - 120		Hybrid variety
PAN 7369	2010	PANNAR	PANNAR	1000 - 1600	95		High oil content (46%)
PAN 7033	2010	PANNAR	PANNAR	1000 - 1600	95 - 100		Has goose neck Oil content of 40%, seed black
PAN 7034	2010	PANNAR	PANNAR	1000 - 1600	95 - 100		Lesser oil content but with high yields Head faces up (star-like).
SESUN 1 H	2010	NARO	NARO	1000- 1600			Tolerant to <i>Alternaria</i> (leaf spot), Goose neck Oil content 36 %
SESUN 2 H	2010	NARO	NARO	1000- 1600			Twisted or undulating head, Rarely branches, Goose neck, Oil content 43 %

NS 10	2010	NARO	NASECO	1000 - 1600		1.4	Tall, vigorous and uniform
NS 14	2010	NASECO	NASECO	1000 - 1600		1.5	Tolerant to <i>Alternaria</i>
EASF – 1 (KBSH)	2012	EASCO	NARO	1000 - 1600			High yielding hybrid
EASF – 2 (KBSH)	2012	EASCO	NARO	1000 - 1600			High yielding hybrid
PAN 7057	2013	NARO	NARO	1000 - 1600			Resistant to lodging
PAN 7049	2013	NARO	NARO	1000 - 1600			Resistant to lodging
NK FERTI	2013	NARO	NARO	1000 - 1600			High Oleic content
SY 4045	2013	NARO	NARO	1000 - 1600			Resistant to lodging
SY 4200	2013	NARO	NARO	1000 - 1600			Resistant to lodging
Species: <i>Cajanus cajan</i>							
Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude	Duration to maturity	Grain yield (T/Ha)	Special attributes

				range	(days)		
SEPI 1 (KAT 60/80)	1999	NARO	NARO	1000 - 1600	120 -140	2.5	Less susceptible to storage pests, indeterminate growth
SEPI 2 (KPL 87091)	1999	NARO	NARO	1000 - 1600	110 -120	2.5	Quick recovery after storage pest attack, determinate growth

Species : Sesame indica

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Sesim 1	2006	NARO	NARO				
Sesim2	2006	NARO	NARO				
Sesim3	2013	NARO	NARO				White seeded

Species: Vigna unguiculata

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
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SECOW I T	2003	NARO	NARO	1000 - 1600	85-90	1.5	Tolerant to aphid attack, less susceptible to storage pest attack
SECOW 2 W	2003	NARO	NARO	1000 - 1600	70-85	1.5	Tolerant to aphid attack, less susceptible to storage pest attack
CPKUNDE	2004	NASECO	NASECO	1000 - 1600	70 - 85	1.5	Tolerant to aphid attack, less susceptible to storage pest attack
CP WHITE	2004	NASECO	NASECO	1000 - 1600	70 - 85	1.5	Tolerant to aphid attack, less susceptible to storage pest attack
SECOW 3B	2011	NARO	NARO	1000 - 1600	70 - 85	1.5	Tolerant to cowpea mosaic virus
SECOW 4 W	2011	NARO	NARO	1000 - 1600	70 - 85	1.5	Tolerant to cowpea mosaic virus
SECOW 5T	2011	NARO	NARO	1000 - 1600	70 - 85	1.5	Tolerant to cowpea mosaic virus

Species: *Manihot esculanta*

Variety name/code	Year of	Owners	Maintainer	Optimal	Duration	Grain	Special
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	release		and seed source	production altitude range	to maturity (days)	yield (T/Ha)	attributes
Bukalasa II	1970	NARO	NARO	1000 - 1600	365	13-20	Moderately susceptible to CMD,CBB resistant to CGM, very palatable
Embwa-Natereka	1970	NARO	NARO	1000 - 1600	365	25-34	Highly susceptible to CMD, moderately susceptible to CBB, resistant to CGM
BOA	1970	NARO	NARO	1000 - 1600	365	21	Susceptible to CMD,CBB and CGM
NASE I (TMS 60142)	1994	NARO	NARO	1000 - 1600	365	23	Resistant to CMD,CBB and CGM
NASE 2 (TMS 30337)	1994	NARO	NARO	1000 - 1600	365	27	Good resistance to CMD,CBB and CGM
NASE 3 (TMS 30572)	1994	NARO	NARO	1000 - 1600	365	26	Resistant to CMD,CBB and CGM, good storability in the soil
NASE 4 (SS4)	1999	NARO	NARO	1000 - 1600	365	35-50	High resistance to CMD, good resistance to CBB, low resistance to CGM, low

							cynogenic potential
NASE 5 (SS5)	1999	NARO	NARO	1000 - 1600	365	28-40	Good resistance to CMD, moderate resistance to CBB and CGM, low cyanogenic potential
NASE 6 (TMS 4(2)1425)	1999	NARO	NARO	1000 - 1600	365	25-35	Good resistance to CMD,CBB and CGM, low cyanogenic potential
NASE 7 (CE 85)	1999	NARO	NARO	1000 - 1600	365	30-45	Good resistance to CMD,CBB and fair resistance to CGM, low cyanogenic potential
NASE 8 (CE 98)	1999	NARO	NARO	1000 - 1600	365	30-40	Good resistance to CMD,CBB and moderate resistance to CGM, low cyanogenic potential
NASE 9 (30555-17)	1999	NARO	NARO	1000 - 1600	365	30-45	Good resistance to CMD,CBB and CGM, low cyanogenic potential
NASE 10 (95/NA 00063)	1999	NARO	NARO	1000 - 1600	365	35	High mosaic resistance, fair resistance to CBB,

							and high resistance to CGM, low cyanogenic potential
NASE 11 (29/NA 2TC 1)	2000	NARO	NARO	1000 - 1600	365	35	Tolerant to mosaic, high resistance to CGM, fair resistance to CBB, low cyanogenic potential
NASE 12 (MH95/0414)	2000	NARO	NARO	1000 - 1600	395	38	Very high mosaic resistance, fair resistance to CBB, susceptible to CGM, low cyanogenic potential
NASE 13	2011	NARO	NARO	1000 - 1600			
NASE 14	2011	NARO	NARO	1000 - 1600			
NASE 15	2011	NARO	NARO	1000 - 1600			
NASE 16	2011	NARO	NARO	1000 - 1600			
NASE 17	2011	NARO	NARO	1000 - 1600			
NASE 18	2011	NARO	NARO	1000 - 1600			
TZ /130 (NASE 19)	2015	NARO	NARO	1000 - 1600			Resistant to Cassava Brown Streak disease (CBSD)
MM 06/130 (NASE 20)	2015	NARO	NARO	1000 - 1600			Resistant to Cassava Brown Streak disease (CBSD) high

							yielding
Species: Ipomea batatas							
Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Wagabolige	1995	NARO	NARO	1000 - 1600	120-150	24	Moderately resistant to sweet potato virus
Tanzania (TZ)	1995	NARO	NARO	1000 - 1600	120	23	Moderately susceptible to sweet potato virus
Bwanjule (No.29)	1995	NARO	NARO	1000 - 1600	120-150	21	Moderately susceptible to sweet potato virus
Tororo 3 (T3)	1995	NARO	NARO	1000 - 1600	120-130	24	Moderately susceptible to sweet potato virus
Sowola (389A)	1995	NARO	NARO	1000 - 1600	100-120	26	Moderately susceptible to sweet potato virus
New Kawogo (NKA)	1995	NARO	NARO	1000 - 1600	130-150	23	Moderately susceptible to sweet potato virus
NASPOT 1 (NIS/91/52)	1999	NARO	NARO	1000 - 1600	120	45	Moderately susceptible to sweet potato virus
NASPOT 2	1999	NARO	NARO	1000 - 1600	120	33	Resistant to sweet

							potato virus
NASPOT 3	1999	NARO	NARO	1000 - 1600	120	29	Resistant to sweet potato virus
NASPOT 4 (NIS/91/282)	1999	NARO	NARO	1000 - 1600	120	28	Resistant to sweet potato virus
NASPOT 5 (NIS/91/316)	1999	NARO	NARO	1000 - 1600	150	30	Resistant to sweet potato virus
NASPOT 6 (NIS/91/324)	1999	NARO	NARO	1000 - 1600	120	28	Moderately resistant to sweet potato virus
NASPOT 11 (NKA 1081L)	2010	NARO	NARO	1000 - 1600			Resistant to sweet potato virus disease and <i>Alternaria</i> spp
NASPOT 12	2013	NARO	NARO	1000 - 1600			High vitamin A content, resistant to sweet potato weevil, low dry matter
NASPOT 13	2013	NARO	NARO	1000 - 1600			High vitamin A content, resistant to sweet potato weevil, low dry matter

Species: Solanum tuberosum

Variety	Year of	Owners	Maintainer	Optimal	Duration	Grain	Special
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name/code	release		and seed source	production altitude range	to maturity (days)	yield (T/Ha)	attributes
Malirahinda	1974	NARO	NARO	> 1600	95-100	10-15	Moderate resistance to late blight and bacterial wilt
Victoria 381381.2	1991	NARO	NARO	> 1600	75-90	12-20	Resistant to late blight and bacterial wilt
Kisoro 381379.9	1991	NARO	NARO	> 1600	80-100	15-20	Moderate resistance to late blight and bacterial wilt
Kabale 374080.5	1991	NARO	NARO	> 1600	100-120	28	Moderate resistance to late blight and bacterial wilt
NAKPOT 1 (382171.4)	1999	NARO	NARO	> 1600	90-100	31-38	Resistant to early and late blight resistant to potato leaf roll virus
NAKPOT 2 (381403.8)	1999	NARO	NARO	> 1600	95-115	25-28	Resistant to both early and late blight, susceptible to bacterial wilt and potato leaf roll virus
NAKPOT 3 (575049)	1999	NARO	NARO	> 1600	85-100	25-34	Tolerant to bacterial wilt, resistant to both early and late

							blight, resistant to potato leaf roll virus
NAKPOT 4 (387121.4)	2002	NARO	NARO	> 1600	118	25-35	Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus
NAKPOT 5 (381471.18)	2002	NARO	NARO	> 1600	118	25-35	Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus
393382.14	2006	NARO	NARO	> 1600	118	25-35	Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus, good for chips
393385.39	2006	NARO	NARO	> 1600	118	25-35	Tolerant to bacterial wilt, resistant to both early and late blight, resistant to potato leaf roll virus, good for chips
	2011	NARO	NARO	> 1600	118	25-35	

	2011	NARO	NARO	> 1600	118	25-35	
	2011	NARO	NARO	> 1600	118	25-35	
	2011	NARO	NARO	> 1600	118	25-35	
	2011	NARO	NARO	> 1600	118	25-35	
Kachpot 3 (Naropot 1) 396038.107	2015	NARO	NARO	> 1600			High yielding, resistant to late blight
Kachpot 4 (Naropot 2) 393280.82	2015	NARO	NARO	> 1600			High yielding, resistant to late blight, good processing quality
Kachpot 5 (Naropot 3) 396026.103	2015	NARO	NARO	> 1600			High yielding, resistant to late blight
Kachpot 6 (Naropot 4) 396034.103	2015	NARO	NARO	> 1600			High yielding, resistant to late blight, good processing quality
Species: Musa spp							
Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Bunch yield (T/Ha)	Special attributes
KABANA 2H (FHIA 01)	1999	NARO	NARO	1000-1600	133	39	Resistant to black sigatoka and banana weevils, tolerant to nematodes, tolerant to drought
KABANA 2H (FHIA 03)	1999	NARO	NARO	1000-1600	122	33	Resistant to black sigatoka and

							banana weevils, tolerant to nematodes, tolerant to drought
KABANA 3H (FHIA 17)	2000	NARO	NARO	1000-1600	124	44	Resistant to black sigatoka and banana weevils, tolerant to nematodes, tolerant to drought
KABANA 4H (FHIA 23)	2000	NARO	NARO	1000-1600	128	40	Resistant to black sigatoka, fusarium wilt and banana weevils, tolerant to nematodes
KABANA 5 (YAGAMBI)	2000	NARO	NARO	1000-1600	148	20	Resistant to black sigatoka, fusarium wilt and banana weevils, tolerant to nematodes
KABANA 6 H (Kiwangazi)	2010	NARO	NARO	1000 - 1600			Resistant to banana weevils, Sigatoka and nematodes, Long lasting i.e., mat disappearance is over 5 years
KABANA 7 H	2013	NARO	NARO	1000 - 1600			Resistant to

							banana weevils, Sigatoka and nematodes
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Species: Apples

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
1. Golden Dorsett	2010	NARO	NARO	> 1600			Sweet, soft coat
2. Anna	2010	NARO	NARO	> 1600			fleshy

Species: *Coffea oecinearum*

Variety name/code	Year of release	Owners	Maintainer and seed source	Optimal production altitude range	Duration to maturity (days)	Grain yield (T/Ha)	Special attributes
Erecta Unknown 20	2006	NARO	NARO	1000 - 1600			Resistant to coffee wilt
Erecta Unknown 14	2006	NARO	NARO	1000 - 1600			Resistant to coffee wilt
2/22/12	2006	NARO	NARO	1000 - 1600			Resistant to coffee wilt
J1/14/21/1	2006	NARO	NARO	1000 - 1600			Resistant to coffee wilt
J/1/1	2006	NARO	NARO	1000 - 1600			Resistant to coffee wilt
Q3/4	2006	NARO	NARO	1000 - 1600			Resistant to coffee wilt

R/1/4	2006	NARO	NARO	1000 - 1600			Resistant to coffee wilt
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NOTES

Low = 0-1000 meters above sea level

Medium = 1000-1600 meters above sea level

High = Above 1600 meters above sea level

ACRONYMS

ALS	Angular Leaf Spot
ANTH	Anthracnose
BCMV	Bean Common Mosaic Virus
BR	Black Root
CBB	Cassava Bacterial Blight
CGM	Cassava Green Mite
CMD	Cassava Mosaic Disease
GLS	Grey Leaf Spot
MSV	Maize Streak Virus
NLB	Northern Leaf Blight
RR	Root Rot

CROP/VARIETY

NAME

1. Maize

Longe 2 H

**Longe for Namulonge
2 for 2 – in series
H for Hybrid**

2. Beans (Bush Type)

NABE

**NA for Namulonge
BE for Beans**

Beans (Climbing Type)

NABE 7 C

**NA for Namulonge
BE for Beans
C for climbers**

3. Groundnuts

SERENUT 1

**SERE for Serere
Nut for Groundnuts
1 for first in series**

4. Soybeans

NAMSOY 3

**NAM for Namulonge
SOY for Soyabean
3 for 3rd in series**

5. Finger millet

SEREMI 1

**SERE for Serere
Mi for millet**

6. Simsim

SESIM 1

**SE for Serere
SIM for simsim
1 for first in series**

7. Pigeon Pea

SEPI1

**SE for Serere
Pi for Pigeon pea**

8. Cassava

NASE 1

**NA for Namulonge
SE for Serere
1 for 1st in series**

9. Sweet Potatoes

NASPOT 1

**NA for Namulonge
S for sweet
POT for potatoes
1 for 1st in series**

10. Irish Potatoes

NAKPOT1

**NA for Namulonge
K for Kalyengere
POT for potatoes
1 for 1st in series**

11. Bananas

KABANA 1

**KA for Kawanda
BANA for banana
1 for 1st in series**

