



KENYA SEED COMPANY LIMITED



MAIZE - H 624



SUNFLOWER -H 8998



SEREDO SORGHUM

Seed Catalogue

THE COMPANY BACKGROUND

The Company was incorporated in Kenya in July 1956 to promote the use of improved strains of pasture seed developed by the National Agricultural Research Station at Kitale. Two years later, the company started an enterprise to produce commercial sunflower for the European bird feed market to sustain its financial needs that had by then expanded. In 1963 the company introduced hybrid seed maize production following the release of the first hybrids by the government Research centre in Kitale. Seed wheat was added to the seed program in 1971 to provide certified seed to farmers who previously depended on low quality farm saved seed.

Later in 1979 the company acquired Simpson and White law, a company trading in horticultural seeds, and introduced the brand name “Simlaw Seeds”, which has since distinguished itself as a leading brand in the market. In 2002 Simlaw Seeds was registered as a limited liability company and a subsidiary of Kenya Seed Company Ltd. Its core business being selling and marketing of high quality horticultural seeds, Pesticides and Fertilizers in the East African region.

In the same year Kenya seed incorporated Kibo and Mt. Elgon seed Companies in Tanzania and Uganda respectively as an expansion strategy into the Eastern Africa market. Kenya Seed Company was certified in 2007 by Kenya Bureau of Standards on ISO 9001:2008 as a Company whose products and services consistently meet customer and applicable statutory and regulatory requirements internationally. This certification has empowered Kenya Seed to expand its operations into Rwanda and Congo in the recent past.

The mandate of Kenya Seed Company is to promote and facilitate the production of high yielding, better quality, disease and pest tolerant certified seed to the farming community with an overall objective of enhancing food self sufficiency which is an indicator of the quality of people’s lives and a condition for sustainable economic prosperity of any nation.

DISCLAIMER: All cultural information, description and recommendations are provided as a guide only. Local environmental conditions, different cultural practices, soil types, moisture levels, day length and temperatures during the growing period may influence varietal performance.

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MAIZE

Dry land Varieties

They perform well within an altitudinal range of between 500 - 1300 m above sea level

VARIETY	MATURITY (days)	YIELD (90kg bags/acre)	SPECIAL ATTRIBUTES	RECOMMENDED GROWING AREAS
DH01	70 - 90	16	Long stay Green trait, drought tolerant, good level of tolerance to leaf blight, common rust and ear rot.	Arid and Semi-arid areas of Makueni, Machakos, Kangundo, Siaya, Kibos, Busia, Kibwezi, Kitui, mwangi, voi, mwatate, makayo, turkana, sigor, west pokot, isiolo, mandera, Karachuonyo, Nyando, Kisumu Bondo and some parts of Butere
DH02	70 - 100	18	Early, tolerant to MSV, water stress, has a long stay green trait	
DH03	80 - 120	22	A good level of tolerance to blight and MSV, good husk cover, better standability and drought tolerance	
DH04	80 - 120	24	Short, drought tolerant, good husk cover and standability	Early to medium transitional zones and lowland areas of Kirinyaga, West Pokot, Bungoma, Homa Bay, Kerio Valley, Kagio, Mwea, Makueni, Kitui, Marakwet, Baringo and Koibatek, voi, mwatate, mariakani, garissa.



Lowland, Medium altitude & Transition Varieties

Lowland, Medium and Transitional Varieties perform well within an altitudinal range of between 12 – 1000, 800 –1700 and 800 – 2400 m above sea level respectively.

VARIETY	OPTIMAL PRODUCTION LEVELS	YIELD (90kg bags/acre)	SPECIAL ATTRIBUTES	RECOMMENDED GROWING AREAS
PH1	Rainfall of 800 -1500mm	16	Has better husk cover and can be intercropped with other crops.	The Lake region and the Coastal strip, kilifi, mpeketoni, hola, Gariseni, voi, mwatate, kwale,kinangop
PH4	Matures between 160-210 days	16	Tolerant to most leaf and ear diseases, excellent husk cover and tolerant to lodging	
H624	Rainfall - 800-1500mm Temperature range of 12° C - 30° C	32	Tolerant to Grey Leaf Spot, leaf blight and rust, excellent husk cover with flint kernels.	Bungoma, Kakamega, Bumula, Lanet , nandi, laikipia, narok
H520	Matures at 120-130 days	32	Tolerant to leaf rust, Grey Leaf Spot, lodging, has flint kernels and excellent husk cover.	Western Kenya, Elgeyo Marakwet, Coffee growing areas of Central Kenya and parts of Nyanza.
H517	Rainfall of about 750-1000mm	30	Tolerant to foliar diseases and pests. Has an excellent husk cover.	
H516 H522	Matures at 100 -110days	28	Good husk cover, very tolerant to lodging, ear rot, rust, Grey Leaf Spot, Stem and leaf blight.	Western Kenya, elgeyo marakwet, coffee zones of central Kenya,tharaka nithi nyanza(migori, kisii, nyamira), baringo, embu,chuka
H515	Does well in coffee grown belts.	26	Tolerant to lodging, leaf blight, leaf rust and GLS.	
H513		24	Partially tolerant to Maize streak virus	



Highland Varieties

They perform well within an altitudinal range of between 1500 - 2800 m above sea level

VARIETY	OPTIMAL PRODUCTION LEVELS	YIELD (90kg bags/acre)	SPECIAL ATTRIBUTES	RECOMMENDED GROWING AREAS
H6218	-Temperatures During the day seldom exceed 28° C and night drop to as low as 8° C . -Rainfall of between 800 – 1500 mm -Maturity ranges from 160-210 days.	56	Blight tolerant, good husk cover, Semi-flint	These are Highland hybrids grown particularly in Trans-Nzoia, Uasin-Gishu, Nakuru, Laikipia, Kisii, Narok, Bungoma, Kakamega, Nandi, and Kericho. Tea zones of central Kenya. Nyahururu, Southern Highlands of Tanzania, Mt. Kilimanjaro slopes. Bungoma, Bomet, Nyeri, Kiambu and Meru tea zones, timau, nkubu, nanyuki, kirinyaga, igembe, bukwa, mbale
H6213		52	Tolerant to lodging, ear rot, rust, Grey Leaf Spot and leaf blight.	
H6210		50	Tolerant to lodging, ear rot, rust, Grey Leaf Spot, Stem and leaf blight.	
H629		48	Has good husk cover, very tolerant to lodging, ear rot, rust, stem and leaf blight.	
H628		46	Producer of more than one cob, Tolerant to most leaf diseases, blight and rust, tolerant to lodging.	
H626		42	Tolerant to most leaf diseases, blight and rust, Tolerant to lodging.	
H625		40	Tolerant to lodging, has good husk cover	
H614		38	Tolerant to blight, leaf and ear diseases and weevil attack.	



KS. MWAMBA

WHEAT

VARIETY	ALTITUDE (m) a.s.l	YIELD (90 kg bags/ acre)	MATURITY PERIOD (days)	SPECIAL ATTRIBUTES
KS Mwamba	1800-2400	22-25	125	<ul style="list-style-type: none"> • High yielding. • Tolerant to field stress conditions. • Widely adapted to East African Conditions (especially in Trans- Nzoia, Uasin Gishu, Laikipia, Narok and Mt. Kenya areas.
KS Farasi	1800-2400	16-30	119 (+/-5)	<ul style="list-style-type: none"> • Tolerant to most foliar diseases • Good baking Quality. • High Yielding • Hard red wheat highly recommended for Mount Kenya, Samburu, Laikipia West, Narok, Subukia, Rongai, Nyandarua, Nakuru, Trans-Nzoia, Kericho, Bomet and Uasin Gishu areas.
KS Chui	1800-2400	37-75	119 (+/-5)	<ul style="list-style-type: none"> • Good Tolerance to foliar diseases • Adapted to high potential and marginal environments. • High tillering ability, high yields. • Hard red wheat.
KS Simba	1500-2400	17-32	116-120	<ul style="list-style-type: none"> • Good baking qualities. • Good tillering ability. • Hard red wheat. • Hard red wheat highly recommended for Mount Kenya, Samburu, Laikipia West, Narok, Subukia, Rongai, Nyandarua, Nakuru, Trans-Nzoia, Kericho, Bomet and Uasin Gishu areas.

VARIETY	ALTITUDE (m) a.s.l	YIELD (90 kg bags/ acre)	MATURITY PERIOD (days)	SPECIAL ATTRIBUTES
K\$ Ndume	1800-2400	37-75	100-110	<ul style="list-style-type: none"> • High yielding. • Good Tolerance to foliar diseases • Resistant to sprouting and lodging. • High tillering ability. • Good baking qualities.
K\$ Nyota	1800–2500	30-75	120-130	<ul style="list-style-type: none"> • High yielding. • Newly released with moderate resistance to stem rust Ug99 • Good tillering ability. • Bred for sprouting tolerance • Makes a very stable dough.
K\$ Kanga	1800–2500	53-89	120-130	<ul style="list-style-type: none"> • High yielding. • Product of KSC-CIMMYT Collaboration. • Newly released with moderate resistance to stem rust Ug99 • Good tillering ability. • Good baking and milling qualities. • Tolerant to most foliar diseases. • Newly released with adult plant resistance to stem rust Ug99(slow rusting).



DESMODIUM

PASTURE

PASTURE TYPE	OPTIMAL PRODUCTION ALTITUDE (m) a.s.l	DURATION TO MATURITY (days)	SPECIAL ATTRIBUTES
Boma Rhodes Maşaba rhodes	1000 - 2500	90 – 105 days	Soft and excellent herbage Slow growing and hence suited for lower stocking rates. Gives bottom tillers and forms a thick grass It is very popular in all altitude. It is drought tolerant
Elmba Rhodes Mbarara rhodes Pokot rhodes	1000 - 2500 1	90 – 105 days	Soft and excellent herbage High seeding vigor and forage yield Suited for a wide range of climatic conditions but does best in light sandy soils. Quick growing and hence suited to intensive grazing. Can do in all altitudes.
Nandi Seteria	1000 – 2500	70 – 80 days	Suitable for the high altitude and high rainfall areas Very persistent but good seed bed essential for proper establishment. Good forage quality Tolerant to mild water logging.

PASTURE TYPE	OPTIMAL PRODUCTION ALTITUDE (m) a.s.l	DURATION TO MATURITY	SPECIAL ATTRIBUTES
Nasiwa Setaria	1000 - 2500	75 – 90 days	Good persistence under grazing Drought tolerant Good forage quality Tolerant to mild water logging.
Coloured Guinea	50 - 2000	50 – 60 days	Good herbage quality Thrives well in a wide range of rainfall regimes Can withstand severe water lodging Establish well in coastal strips.
Desmodium	0 - 3000	3-4 months	High crude protein levels Rich in minerals and vitamins Improve soil fertility through nitrogen fixation Controls Striga weed growth. Grows in all altitudes.
Lucerne	1000 - 3000	3-4 months	Very palatable, nutritious and can sustain high milk production levels when fed to dairy cattle. Can last up to four years under good management. Can be fed to goats, rabbit and chicken.
Sudan grass	All altitudes	3 months	A quick growing annual with smaller stems and thin leaves. Very palatable. Very good for making silage.
Columbus grass	All altitudes	3 months	A quick growing biannual crop with broader leaves which under good management can be harvested twice per annum. Good for silage making.
Oats	All altitudes	135 days	Suitable for forage and grain milling Tolerant to stem rust. High palatability. Good for human porridge.



KEN-G NUT 1

GROUNDNUT

CROP\$	OPTIMAL PRO- DUCTION ALTI- TUDE (m) a.s.l	DURATION TO MATURITY (day\$)	\$PECIAL ATTRIBUTES\$
GROUNDNUT KEN-G NUT 1	200—1000	101 - 110	Mid-brown in color High in oil content tolerance to rosette disease
SIMSIM KSS-6 (KENYA SEED SIMSIM SIX)	200 - 1200	90 – 105	Highly aromatic when roasted High podding ability (average of 52% per plant) Shoot fly tolerance. Tolerance to rust. High oil content.
SOYA BEANS SB 19	200 -1200	110 -120	High oil content High podding abilty.



SUNFLOWER H 8998

SUNFLOWER

VARIETY	ALTITUDE (m) a.s.l	DURATION TO MATUR- ITY (days)	YIELD (Seed Yield)	SPECIAL ATTRIBUTES
Hungarian White	12 - 2400	150-160	3.5-4 t/ha	Long white grains for bird feed Average oil content Livestock feed.
Kenya Fedha	12 - 2000	130-135	3.-3.5 t/ha	Open pollinated Uniform maturity Suited to all altitudes high oil content
H8998	12 -2000	120-125	3.-3.5 t/ha	Uniform in plant height and maturity Tolerant to several plant diseases Has strong stems Matures earlier than the other varieties. High oil content Suited for all alti- tudes.



SEREDO SORGHUM

SORGHUM

SORGHUM TYPE	DURATION TO MATURITY	YIELD (90kg bags/acre)	SPECIAL ATTRIBUTES
Serena	3 - 4 months	12	It is a brown seeded variety It has a long stem and good root system It is widely adaptable Fairly tolerant to Striga, Rust, Leaf blight and Grey leaf spot. Performs well in the moist mid altitude regions and the semi arid lowlands.
Seredo	3 - 4 months	12	It is a brown seeded variety It is taller than Serena with good tolerance to lodging Its head is conical and semi compact in shape with brown grains which are slightly bigger than those of Serena Sorghum Performs well in moist altitude and the semi arid lowlands It is widely adaptable

SORGHUM TYPE	DURATION TO MATURITY	YIELD (90kg bags/acre)	SPECIAL ATTRIBUTES
Gadam	3 months	8	It is whitish in colour Has excellent malting qualities Good for human consumption (ugali) Does well in lowland to medium altitude.
E 1291	5 months	15 - 20	It is brown in colour Dual purpose variety with good beverage quality Performs well in the cool semi arid highlands of Nakuru, Baringo, Laikipia, Naivasha, Narok, Trans Nzoia, Uasin Gishu, Kuria, Kericho, Trans Mara, and Taita Taveta. Good for silage making.



GADAM SORGHUM

FINGER MILLET



FINGER MILLET - P224

FINGER MILLET TYPE	OPTIMAL PRODUCTION ALTITUDE (m) a.s.l	DURATION TO MATURITY	YIELD (90kg bags/acre)	SPECIAL ATTRIBUTES
P 224	1150 - 1750	3 - 4 months	10 - 15	It is a brown seeded variety It is a tall type with uniform plant height It is tolerant to lodging. Average nutrient intake.
Katumani	250 –1150	3 months	7 - 10	It is a red seeded variety It is a short variety Drought tolerant. Average nutrient intake.

NERICA RICE

NERICA TYPE	OPTIMAL PRODUCTION ALTITUDE (m) a.s.l	DURATION TO MATURITY (days)	YIELD (kg/ha)	SPECIAL ATTRIBUTES
NERICA 1	0 - 1700	100 – 115 days	4500	Aromatic Medium tolerance to blast Good tolerance to lodging Long grains
NERICA 4	0 - 1700	100 – 130 days	5000	Medium tolerance to blast Good tolerance to lodging Long grains. High aromatic rice.
NERICA 10	0 - 1700	90 – 105 days	6000	Early maturing Long grains Good tolerance to blast Moderate tolerance to lodging. High aromatic rice.
NERICA 11	0 - 1700	130 days	7000	Long grains Good tolerance to blast tolerance to lodging



DRY SHELL BEANS

BEAN TYPE	DURATION TO MATURITY (days)	YIELD (90kg bags/acre)	SPECIAL ATTRIBUTES
GLP 92 Mwitmania	90 - 95	8	Cream seeds with black-brown spots Has a spreading growth habit with nearly flat pods which contain oval seeds Prefers the medium altitude and is tolerant to drought Tolerant to halo blight
GLP 2 Rose coco	75 - 90	10	Large , dark red with white flecks grains The plant is tall, erect and very vigorous with flat pods Prefers medium altitude zones Tolerant to bean common mosaic virus and anthracnose
GLP 1004 Mwezi moja	80- 90	6	Large beige or light brown speckled purple with long broad pods Medium yielder and performs best in warmer areas Well adapted for planting during the short rains
GLP 24 Canadian wonder	110 - 120	10	Shiny dark purple or reddish purple seeds Vigorous plant with slight climbing tendency and flat pods Performs best in cool areas
GLP 1127 New mwezi moja	85 - 90	8	An improvement of GLP 1004 on yield and disease tolerance Relatively widely adaptable than GLP 1004 The colours are similar to those of GLP 1004.
Wairimu dwarf	70	6	An extra early bean type that performs well in most ecological zones but suited to medium to dry areas. It has excellent eating quality Good for intercropping.

CLIMBING BEANS

BEAN TYPE	DURATION TO MATURITY (days)	YIELD (90kg bags/ acre	GRAIN COLOR	PLANTING & SPACING
KENYA MAVUNO MAC64	90-120	15 to 20 bags	Dark red mottled	Depth of 3-5 cm and covered well with soil. Seed rate: 10 kg/ acre Spacing: 75cm by 30cm or 90 by 20cm
KENYA TAMU MAC34	110-130	15-20 bags	Red mottled (Red with white specks)	
KENYA SAFI MAC13	100-125	15-20 bags	Speckled Sugar (white with red to brown specks)	

SPECIAL ATTRIBUTES

1. ALTITUDE

Planted from 1100m up to about 2300m above sea level in areas with warm climate. Ideal production altitude is 1200m to 1900m though some varieties still do well in regions beyond this range.

2. RAINFALL

Suitable in areas with annual rainfall ranging from 800mm to 2000mm.

3. SOIL TYPE

Grows in a wide range of soil types which are well drained with PH range of 6.0 to 7.0. the crop requires fertile soil with adequate moisture hence inputs such as manure and fertilizer give better yields.

4. FERTILIZER APPLICATION

Done two weeks before planting. Apply organic fertilizer 3-5 tones/acre of well decomposed farm yard manure.

5. COMPOUND FERTILIZER

Use DAP in soil with high PH and NPK in soils with low PH. Apply at a rate of 75kg/acre during planting and top dressing with CAN or urea before flowering.

6. WEED CONTROL

First application is done two weeks after planting and the second one is done just after flowering.

7. SUPPORT

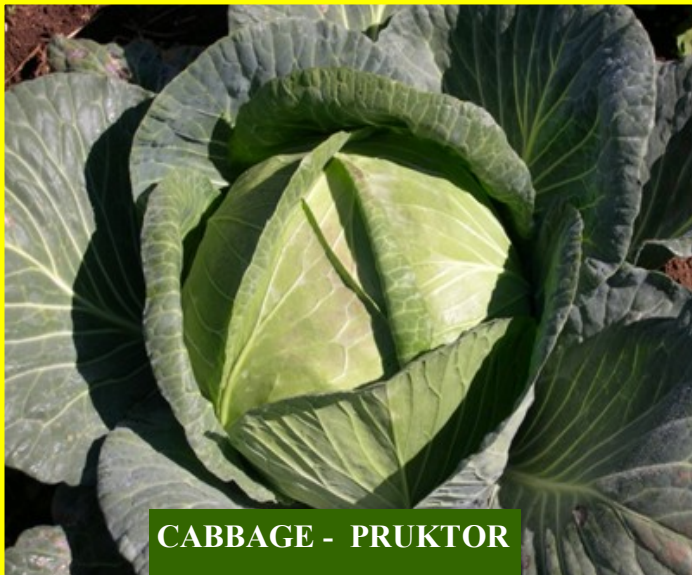
The crop must be supported immediately after germination and before the tendrils start to form. Use of either props or posts/wires can be used to support the crop. The plant height is 2-3 meters.

8. NUTRITION INFORMATION

Beans are an excellent source of protein, dietary fiber and a very rich source of minerals especially iron, zinc, calcium and phosphorous. Beans have no cholesterol and very low in fats and sugar.

PLANTING GUIDE

CROP	SPACING	SEED RATE / ACRE
MAIZE	75 x 25 cm	10 kg
WHEAT	20 cm x drill	50 kg
SORGHUM	60 cm x 15 cm	3 – 4kg
FINGER MILLET	30 cm x drill	2 – 3 kg
SUNFLOWER	75 cm x 25 cm	3 - 4 kg
NERICA RICE	30 cm x drill	18 kg
RHODES GRASS/ CONGO SIGNAL/ BERMUDA & KIKUYU GRASS	30 cm x drill	3 - 4 kg
SUDAN ,COLUMBUS GRASS & VELVET SORGHUM	60 cm x drill	25-30kg
DESMODIUM	30 cm x drill	2kg
LUCERNE	30 cm x drill	6 kg
OATS	45 cm x drill	30 kg
BEANS	45 cm x 10cm	30 kg
GREEN GRAMS	45 cm x 10 cm	5 kg
COWPEAS	50 cm x 10 cm	5 kg
CLIMBING BEANS	75cm x 30cm	10 kg
SIMSIM SEED	45cm x 10 cm	5 kg
SOYA BEANS	45cm x 10 cm	25 kg



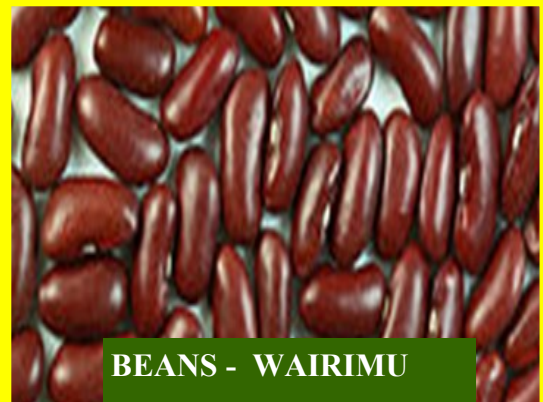
CABBAGE - PRUKTOR



BOMA RHODES



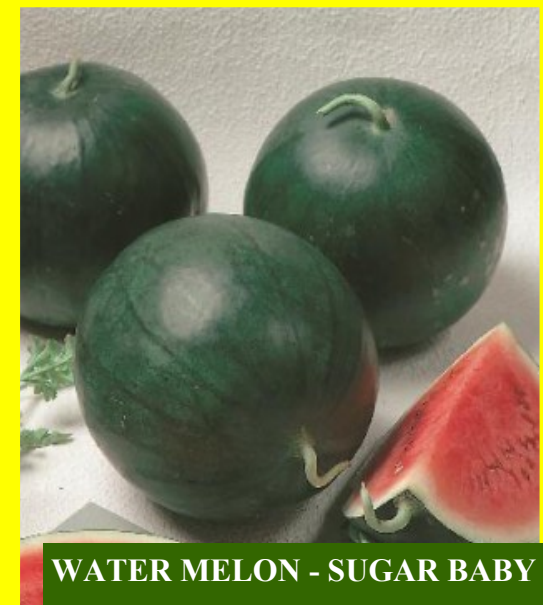
SPIDER PLANT



BEANS - WAIRIMU



EGG PLANT - BLACK BEAUTY



WATER MELON - SUGAR BABY

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