

Simlaw Seeds



Superior & Reliable

Seed Catalogue







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Our Preface

"It is our pleasure to be associated with the farming success in the Eastern Africa & beyond...."

Quality seed is the most critical and basic agricultural input for crop production and it accounts for a significant percentage in yield increases. Over the years, the seed industry has evolved in response to emerging biotic and abiotic constraints facing the farming community and has positioned itself as a beacon of hope in addressing and offering solutions to some of these constraints. The major driving force has been to enhance crops productivity so as to assure food and nutrition security, eradicate poverty, reduce unemployment and mitigate against environmental and climatic change challenges. This is done bearing in mind the applications of limited and in most instances diminishing resources.

Simlaw Seed Company LTD, a subsidiary of Kenya Seed Company, has played its fair share of this role over the years. Founded in the year 1929, the company prides itself as one of the oldest seed companies in the Eastern Africa region. We are known for supplying certified 'Superior and Reliable Seed' to the farming community across the region. Over the years of our operations, and as a market leader, we have maintained top position by closely collaborating in areas of mutual benefit with strategic partners across the world, being in constant touch with our stakeholders and most importantly, investing in research and development. This is aimed at availing superior and affordable certified seeds and other inputs to maximize agricultural productivity as envisaged in our mission.

Through this effort, it is our pleasure and privilege, to be associated with the success of the common farmer in Eastern Africa and beyond. This catalogue, is therefore aimed at providing key attributes highlights of our products. We trust that the information herein will provide you with the understanding and knowledge you need to enable you make informed decisions in favor of our products.





Simlaw Seeds

Superior & Reliable [®]

About us

SIMLAW SEEDS history runs back to 9th October 1929 when two English Gardeners Simpson and Whitelaw registered the company then under Indian companies' act 1882. In 1968 the company was acquired by Kirchoff East Africa, a South African based company.

Kenya Seed Company acquired Simpson and Whitelaw in 1979. In 2002 it was registered as Simlaw Seeds Company Limited.

The main responsibility of Simlaw Seeds is producing, importing, marketing and distributing superior and reliable vegetables seeds for commercial and domestic use.

The company has a wide range of seeds that have penetrated the market well and include Cabbage varieties, Onions and Tomatoes that are adaptable to various climatic conditions and adequately meet the local demand.

Other food crop seeds specifically selected for High, Medium and Low altitudes; Bush type beans such as GLP 2 (Rosecoco), GLP 92 (Mwitmania), GLP 24 (Canadian Wonder) and Climber Bean varieties such as Kenya Safi and Kenya Tamu.

Simlaw Seeds Company continues to play a major role in the agricultural sector in the East African Region through strategic partnership, extension services and introduction of products into the market that are geared towards increasing food sufficiency and social well being of farmers.

Simlaw Seeds signifies a strong heritage of seed diversity.



Simlaw Seeds



Superior & Reliable

Profile

Simlaw Seed Company Limited, a subsidiary of Kenya Seed Company, is a leading vegetable seed marketing company with over 30 years of experience in production, processing and marketing of horticultural seeds in Kenya and the Eastern Africa region.

Our Vision

A world class supplier of certified agricultural seeds.

Our Mission

To avail superior certified seeds and other agricultural inputs to maximize productivity.

Core Business

We research, import, process and market Superior and Reliable certified vegetable and other seed varieties for the domestic and regional markets.

Core Values

- Respect
- Integrity
- Team work
- Professionalism
- Innovation and creativity
- Quality services



Simlaw Online Shop

For Superior And Reliable Seeds

www.simlaw.co.ke

or

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Simlaw_Seeds

Simlaw Seeds Company Ltd.

Botanical Names Of Vegetables



Common Name	Botanical Names
Beans	Phaseolus vulgaris
Beetroot	Beta vulgaris
Broccoli	Brassicca oleracea: italica
Cabbage	Brassicca oleracea var. capitata
Cabbage Chinese	Brassicca chinensis
Capsicum or Sweet Pepper	Capsicum frutescens
Capsicum or Hot Pepper or Chilli	Capsicum annum
Carrot	Daucus carota
Cauliflower	Brassicca oleracea var. botrytis
Courgette/Squash	Cucurbita pepo
Cowpea	Vigna Unguiculata
Cucumber	Cucumis Sativus
Celery	Apium graveolens
Coriander or Dhania	Coriandrum sativum
Eggplant or Brinjals	Solanum Melongena
Greengrams	Vigna Radiata
Kale	Brassicca Oleracea
Leeks	Allium Porrum
Lettuce	Lactuca Sativa
Okra	Hibiscus Esculetus
Onion	Allium Cepa
Parsley	Petroselinum Crispum

Common Name	Botanical Names
Pumpkin	Cucurbita pepo
Radish	Raphanus Sativum
Spinach/ Swisschard	Beta Vulgaris
Tomato	Lycopersicum Esculentum
Turnip	Brassicca rapa
Watermelon	Citrullus vulgaris
Amaranthus Common	Amaranth dubius
Amaranthus Grain	Amaranth hybridus
Common Night Shade	Solanum villosum
Giant Night Shade	Solanum scrabrum
Spider plant (Saga, Saget)	Cleom gynandra
Crotalaria	Crotalaria brevidens
Jute mallow (mrenda, Apoth)	Chochurus olitorius
Garden peas	Pisum sativum
Kikuyu Grass	Penisetum cladestinum
Paspallum	Paspallum ssp.
Bermuda Grass	Cynodon dactylon
Lucerne	Medicago sativa
Desmodium	Desmodium intortum
Sudan grass	Sorghum sudanense
Rhodes Grass	Cloris gayana



Cabbages



Gloria Star F1

- Shape-Round
- Head Size – 4-5Kg
- Very firm and Compact
- Maturity 75 – 85 Days
- Excellent Field Holding ability and long Shelf Life
- High tolerance to black rot
- Very high size uniformity

Cabbages



Pruktor F1

- Shape- High Round
- Head Size – 4-5Kg
- Firmness – Very firm and Compact
- Maturity 85 – 90 Days
- Good field Holding ability and long Shelf Life
- Tolerant to Black Rot and Ring Spot

Queen F1



- Shape- Round
- Head Size – 4-5Kg
- Attractive green and Firm Head
- Maturity – 85-90 Days
- Tolerant to Black Rot

Chairman F1



- Shape - Round
- Head Size – 5-6Kg
- Firm head
- Maturity – 90-100Days
- Deep Green colour
- Tolerant to Black rot and Ring spot

Name	Maturity Days	AveHead Size(Kgs)	Description
Gloria F1	75-85	4-5	Long field holding capacity and shelf life. High tolerance to black rot.
Gloria Star F1	75-85	4-5	Long field holding capacity and shelf life. Widely adapted.
Pruktor F1	85-90	4-5	High yielding and highly tolerant to common diseases.
Queen F1	85-90	4-5	Very uniform and excellent cooking quality.
Serena F1	95-100	4-5	Large head with high disease tolerance.
Chairman F1	90-100	5-6	Widely adaptable and compacted head size.
Riana F1	90-95	4-5	Roundish flat, good field standing ability with very good flavor.
Copenhagen Market	65-70	2-3	Classic open pollinated variety
Sugarloaf	70-75	2-3	Conical shape, sugary with excellent cooking quality.
Red Rock	65-70	3-4	Red medium sized, excellent for salads.

Cauliflower Snowball



- Attractive, compact white curd
- Curd Size 0.3 - 0.4Kgs
- Maturity – 55 – 60 days
- Uniform maturity

Broccoli Calabrese



- Attractive compact green curd
- Average head size 0.3-0.4Kgs
- Maturity 50-55 Days

Name	Maturity	Ave. Curd Size (Kgs)	Description
Broccoli Marathon F1	60-65	0.6-0.7	Large, uniform curds
Broccoli Panthenon F1	60-65	0.5-0.6	Large uniform curds.
Cauliflower Snowball	55-60	0.3-0.4	Early, Medium sized variety
Broccoli Calabrese	50-55	0.3-0.4	Extra early attractive green curd

Collards Simlaw Select



- Excellent cooking quality
- Ideal for distant markets
- Widely adaptable
- Most popular vegetable in the region

Ethiopian Kale (Kanzera)



- Leaf green & prolific
- A valuable source of vitamin and minerals
- Sweet taste & non-acidic
- Highly palatable

Name	Ave Yield/Acre	Description
Collards Simlaw Select	40 Tons	Widely adapted with good cooking quality.
Kale Thousand Headed	30 Tons	Long harvesting period
Swisschard Fordhook Giant	20 Tons	Vigorous, Large and dark green leaves
Ethiopian Kale (Kansera)	15 Tons	Large green leaves, Highly palatable, Sweet taste & non-acidic



Tomato



Nyota F1

- Determinate variety
- Attractive firm oval shaped fruits
- Vigorous and widely adaptable
- Resistant to Bacterial Wilt & TYLCV



Crown F1

- Semi-determinate tomato
- Attractive firm oval shaped fruits
- Widely adaptable
- Fruit Weight 180-200g
- Early to medium maturity 75-85 days
- Tolerant to bacterial wilt and tomato yellow leaf curl virus (TYLCV)
- Tolerance /resistance to verticillium or fusarium wilt

Rio Grande

- Oval shaped firm fruits
- Medium maturity 80-85 days
- Widely adaptable determinate variety
- Good shelf life
- Tolerant to Bacterial wilt and TYLCV



Prostar F1

- Indeterminate tomato
- Ideal for open field and green house
- Attractive, firm oval shaped fruits
- Long harvesting period.
- Highly tolerant to TYLCV and bacterial wilt.

Name	Maturity Days	Ave. Fruit Size (gm)	Shape	Description
Nyota F1	70-75	100-110	Oval	Determinate, firm and resistant to BW& TYLCV
Crown F1	75-85	150-180	Oval	Widely adaptable
Prostar F1	70-75	110-130	Oval	Indeterminate, firm and long shelf life resistant to BW
Libra F1	80-85	110-120	Roundish	Semi-determinate
Rio Grande	75-85	90-100	Oval	Popular determinate variety
Cal -J	75-85	80-90	Blocky	Determinate, widely adaptable variety.
M-82	70-75	70-80	Roundish	Determinate heat tolerant variety
Moneymaker	70-75	90-100	Oblate	Indeterminate, Fresh Market



Root Crops



Carrot Nantes

- Vigorous in growth
- Smooth skin
- Early maturing
- Sweet and small core roots.
- Cylindrical shape

Beetroot Detroit Dark Red

- Dark green turning red foliage of about 35-45cm
- Globe shaped smooth skinned tubers
- Interior colour is deep red
- Widely adaptable and heat tolerant



Turnip Early Purple Top White Globe

- An easy and quick growing table variety
- The tender leaves can be used as vegetables
- Uniform with unique flavour.



Radish Cherry belle

- High yielding variety
- Grows vigorously and matures in 40days after sowing
- The flesh is slightly flavored





Onions / Leeks

Red Creole



- Deep Red colour
- Uniform and medium sized bulbs
- Best in low to medium altitude areas
- Tolerant to Pink rot and Purple blotch disease.
- Matures in 90 days with excellent curing qualities and storage.

Spring Bunching Onion



- 20 - 30cm long
- Highly adaptable
- Uniformly sized perennial onion
- Maturity of 80-90 days

Sivan F1

- Flat globe pinkish bulb
- High resistance to purple blotch disease
- Widely adaptable
- Matures in 140 to 150 days



Bombay Red

- Dark Red in colour
- Widely adaptable
- Matures in 110-120 days
- Highly pungent with good curing quality
- Long storage

Leeks Carentan

- Large, erect white stem with blue green leaves
- Widely adaptable
- High disease tolerance
- Maturity of 75-90 days



Name	Maturity	Ave. Yield/ Acre (Tons)	Description
Sivan F1	140-150	22-24	Flat globe reddish brown bulbs
Bombay Red	120-150	16-17	Very popular, deep red and globular in shape
Red Creole	140-150	16-18	Deep red semi flat bulb with red-purple flesh
Leeks Carentan	75-90	6-7	Large, erect white stem with blue green leaves
Spring Bunching Onion	80-90	5-6	Long leaves uniform sized scallions



Watermelon/Melons



Julie F1

- Vigorous hybrid with oval shaped fruits
- Medium sized fruits of 8-10kgs
- Early maturing variety
- Widely adaptable
- Very sweet and crunchy

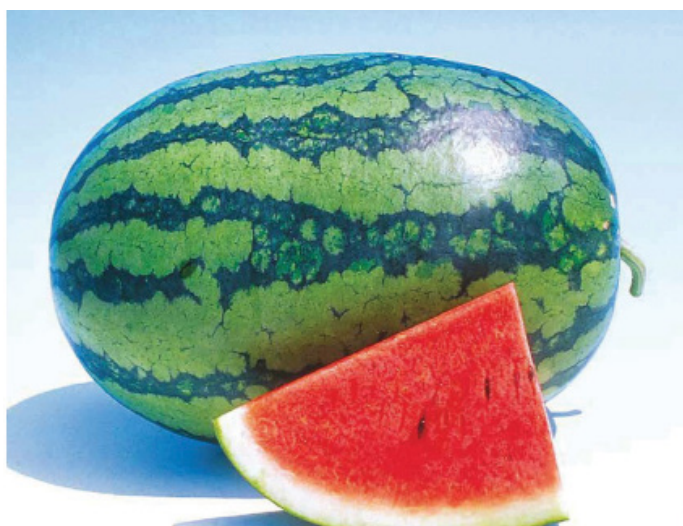
Sweetrose F1

- Large sized fruits of 10-12kgs
- Vigorous growth and early maturing variety
- Good internal quality
- Resists sunburns



Princess F1

- Oval Shaped Fruits
- Medium size of 8-10Kg
- Dark Green Stripes
- Early maturity 80-90 Days
- Deep red, sweet and crunchy texture



Sweet Melon Galia F1

- Vigorous hybrid with round shaped fruits
- Medium sized fruits of 4-6kgs
- Attractive dark green colour with excellent crunchy flavor
- Prolific fruiter.
- Sugar baby type.



Name	Shape	Colour
Princess F1	Oval	Dark green stripes
Julie F1	Oval	Light green, dark green stripes
Daytona F1	Oval	Large dark green stripes
Galia F1	Round	Yellowish green
Sugarbaby	Round	Dark green
Sweet Rose F1	Oval	Dark green stripes
Crimson Sweet	Roundish	Light green, dark green stripes
Charleston Grey	Oval	Light Green with green variegations
Honeydew	Round	Yellowish green

Cucurbits

Jupiter F1



- A high prolific producer
- An outstanding fruit appearance with good flavor
- Uniform medium sized fruits
- Good for both fresh and export markets
- Large Fruit weight
- Long Shelf life
- Small pulp cavity
- Excellent flavor with high brix content (natural sugar)

Pumpkin Elgon Cream



- Cream fruit with yellow flesh
- Highly vegetative with soft edible leaves
- Sweet, firm and smooth flesh
- Prolific fruit production
- Widely adaptable

Cucumber Ashley



- Medium sized cylindrical shape
- Light green colour
- Early maturing
- Widely adaptable.

Squash Ambassador



- Dark green
- Prolific fruit production
- Early maturing
- Long cylindrical shape

Name	Maturity Days	Ave. Yield / Acre	Description
Jupiter F1	90-100	20-25	Large sized fruit with a small pulp cavity and long shelf life
Pumpkin Elgon Cream	90-120	20-25	Highly adaptable, high yields & nutritious
Squash Ambassador	45-50	8-10	Early maturing, deep green cylindrical fruits
Cucumber Ashley	60-70	8-10	Cylindrical, medium dark green fruits with spines
Butternut Waltham	90-100	5-6	Deep orange coloured fruits with excellent shelf life
Squash Zucchini	45-50	2-4	Shiny dark green cylindrical fruits

Capsicums

Victory F1 (Red)



- Suitable for outdoor and greenhouse production
- Thick fruits with long shelf life
- Ideal for fresh markets and export
- Turns Green to Red colour
- Fruit weighs 350g

Victory F1 (Yellow)



- Ideal for open field production
- Uniform, large and thick fruits
- Dark green to yellow blocky fruits
- Fruit weighs 300g

Long Red Cayenne



- Highly Marketable
- Has a strong pungent smell
- Average size of 10cm

California Wonder



- Ideal for Open field production
- Very uniform fruits.
- Blocky and medium sized
- Widely adaptable variety

Name	Maturity Days	Ave. Yield/ Acre (T)	Description
Victory F1 (Red/Yellow)	80-90	10-12	Prolific large blocky green to red fruits
California Wonder	80-90	6-7	Popular blocky green fruits
Cayenne	75-80	4-5	Popular, long and very pungent red colour pepper

Herbs

Chives



- Edible part: leaves, bulbs
- Harvest period: graduated the first cut at 80/90 days
- Production: leaves 30/40 kg./100M²
- Seeds 500 kg./Ha.

Basil



- Edible part: leaves.
- Harvesting period: scale with beginning 40 days after sowing.
- Production: fresh product 15 tons / ha, seed 400/800 kg./Ha.

Thyme



- Edible part: leaves and tender stems.
- Harvest period: from spring to autumn.
- Production: green product 5 tons/ha.
- Seeds 250 kg./Ha.

Celery Tall Utah



- Dark green, long, thick and smooth leaves
- Early maturing and uniform
- Good tolerance to common diseases
- Excellent flavour.

Coriander Dahnia Kachumbhari



- Attractive green foliage
- Highly pungent with finely cut foliage
- Ready for picking within 30 days
- Unique coriander flavor
- Ideal for both local and export markets

Okra Pusa Sawani



- 5 sided and attractive pods
- Dark green and early maturing variety
- Very nutritious
- Ideal for fresh markets and export.

Eggplant Long Purple



- Long deep purple fruit
- Medium maturity with long picking period
- Highly popular for local and Export market



Indigenous Vegetables



Common Amaranth (Terere)

- Easy to grow and fast maturing
- Widely adaptable
- Dual purpose for grains and vegetable production
- A highly nutritious vegetable
- Rich in Proteins and Fibers

Grain Amaranth (Mchicha)

- Good tolerance to heat and common diseases
- Widely adaptable
- Highly nutritious
- Rich in Vitamin A



Giant Night Shade (Managu)

- Highly adaptable
- Easy to grow and widely adaptable
- Mild flavour
- Rich in Calcium and Vitamin A



Common Night Shade (Managu)

- Highly adaptable
- Easy to grow and widely adaptable
- Has a unique flavour.
- Rich in Calcium and Vitamin A



Spider Plant (Saga, Saget)

- Does well in all soil types rich in organic manure
- Requires minimal field management
- Easy to grow and widely adaptable
- A highly nutritious vegetable.
- Rich in Iron



Jute Mallow (Mrenda, Apoth)

- Grows well in all soil types
- Has both Medicinal and nutritional values
- Has a unique taste
- Soft and Easy to cook
- Rich in Calcium





Crotolaria (Mito / Miro)

- Widely adaptable
- Highly nutritious
- The leaves have a nice flavour although slightly bitter
- Can be used to control nematodes in infected fields
- Can be used as forage
- Can be used for green manure
- Rich in Fiber

Cowpeas Kunde Mboga

- Grows in all ecological zones.
- Have excellent flavour
- Suitable for leaf production
- Highly nutritious
- Rich in Vitamin A and C



	Protein grams	Fiber Grams	Vit. C mg	B. Carotene Vit. A mg	Phosphorous mg	Magnesium mg	Calcium	Iron mg	Potassium mg
SPIDER PLANT	5.1	1.3	13	-	111	86.8	288	18.8	410
BLACK NIGHT SHADE	4.6	1.3	30	3660	75	-	442	4.2	-
AMARANTHUS	6.3	3.3	137.8	10375	116	329	553	10.9	1389
CROTOLARIA	8.8	-	122	5800	-	-	270	38	-
CORCHORUS	5.6	1.7	55	7900	-	-	270	8	-
COWPEA LEAVES	4.7	1.8	87	7970	63	-	256	-	-
COWPEA GRAINS	22.4	5.4	2	-	413	-	104	-	-
BRASSICA SPP (Ethiopian Kale)	3.5	1.6	191	-	70	-	-	-	-

* Micrograms

Mg

Milligrams

*Based on 100grams Sample



Beans / Pulses

GLP 2 (Rosecoco)



- Dwarf bean with flat pods
- Prefers medium altitude zones
- Tolerant to common Bean diseases
- Vigorous variety with high yields
- Most Popular in the market

GLP 92 (Mwitemania)



- Spreading growth habit with oval shaped grains.
- Prefers medium altitude zones
- Good Tolerance to heat and common diseases
- Vigorous variety with high yields

Wairimu Dwarf



- Performs well in medium and highland areas
- Dark red Kidney shaped bean with very high potential
- Vigorous growing draft variety

GLP 1127 (Mwezi Moja)



- Kidney shaped bean with very high potential
- Performs well in medium and dryland areas
- Flowers with a month
- Does not cause flatulence

Greengrams [KS20]



- Dull green colour with rough skin
- Excellent cooking qualities
- Drought tolerant
- Early maturity of 55 days.

Cowpeas KK1



- Dual purpose variety [Grain and leaf]
- Drought tolerant
- Widely adapted
- Matures in 65-85 days

Peas Greenfeast



- Dual purpose climbing pea (fresh and dry)
- Preferred for medium and high altitude
- Good tolerance to mildew
- Has a maturity of 55-60days
- Can yield upto 10bags of 90kg

Peas Plum



- Dual purpose dwarf pea [Fresh and dry]
- Prefers medium to high altitudes
- Good tolerance to mildew
- First harvest in 65-70 days.

Name	Average Yield/ Acre (90kg)	Maturity (Days)
GLP 2 (ROSECOCO)	10	75-90
GLP 92 (MWITEMANIA)	8	90-95
Wairimu Dwarf	6	70
GLP 24 (Canadian Wonder)	10	110-120
GLP1127 (Improved Mwezi Moja)	8	85-90
Cowpeas KK1	7	75-90
Greengrams KS20	6	45-60
Peas Greenfeast	10	55 - 60
Peas Kelvedon Kigondoro	10	55 - 60
Peas Plum	10	55 - 60

Peas Kelvedon Kigondoro



- Fresh purpose pea
- Suitable highland altitude
- Its a climber pea
- Maturity of 55-60days
- High yielding potential of upto 1.8tons an acre



Lawn Grass

Kikuyu Grass



- Attractive lawn grass and quick to establish
- High yielding with vigorous growth
- Suitable for grazing and lawns

Paspallum



- Broad and coarse leaves with thick rhizomes from which leaves grow
- Quick and easy to establish and forms a beautiful lawn
- High drought and heat tolerance
- Suitable for lawns, sports pitch and soil erosion control.
- Grows well under shades

Bermuda



- Beautiful, durable lawn grass
- Quick and easy to establish
- Widely adaptable with long standing
- Suitable for sports turf, golf course, athletic fields and more.

Penncross Bent



- Soft delicate leaves
- Vigorous growth
- Widely adaptable
- Suitable for home lawns and golf course



Pasture/Fodder Crops

Lucerne (Alfalfa)



- Highly nutritious supplement
- Used as fresh/dry feeds for dairy animals
- Can last upto 4yrs under good management
- Takes 90-120 days to maturity

Desmodium



- Highly nutritious supplement
- Used as fresh/dry feeds for dairy animals
- Hardy, easy to establish and high yielding
- Stops Striga weed growth on farms
- Intercrops very well with Napier grass.
- Can also be intercropped with Rhodes.

Boma Rhodes



- Quick to establish
- Good for grazing and making Hay
- Very popular in medium altitude areas
- Gives bottom tillers and forms a thick grass
- High yielding and matures in 90-105 Days

Brachiaria Grass



- Vigorous fast growth
- Highly nutritious
- Suitable for medium and highland altitude
- Maturity of 90-100days



Sunflower

Variety	Yield / Acre (kg)	Maturity (Days)	Special Attributes
Kenya Fedha	1200	130-135	Open pollinated Variety Uniform maturity Suited to medium to high altitude areas High oil content 38%
H 8998	1200	120-125	Uniform in plant growth Tolerant to lodging Early maturing High oil content above 40%
Commercial Hungarian White	1200-1300	120-135	Commercial sunflower for exports and local consumption Good food for animal feeds Has high yields





Maize

Highland Seed Maize Varieties

Variety	Maturity/ Days	Yield/Acre	Altitude Range (m)
H-6218	175-210	56 x 90kgs	1500-2400
H-6213	160-180	52 x 90kgs	1500-2400
H-6210	160-190	50 x 90kgs	1500-1800
H-629	160-190	48 x 90kgs	1500-2600
H-628	150-180	46 x 90kgs	1500-2500
H-626	150-180	42 x 90kgs	1500-1800
H-625	150-180	40 x 90kgs	1500-1800
H-614	160-180	38 x 90kgs	1500-1800

Transitional and Medium Altitude Varieties

Variety	Maturity/ Days	Yield/Acre	Altitude Range (m)
H-624	120-130	32 x 90kgs	1000-2000
H-520	120-130	32 x 90kgs	1000-1800
H-517	120-130	30 x 90kgs	1000-1600
H-516	100-120	28 x 90kgs	1000-1600
H-513	100-120	24 x 90kgs	1000-1600
H-522	100-110	26 x 90kgs	1000-1600
H-6506	120-130	32 x 90kgs	1000-2000

Dryland and Lowland Varieties

Variety	Maturity/ Days	Yield/Acre	Altitude Range (m)
DH-02	70-100	15 x 90kgs	800-1200
DH-03	95-120	22 x 90kgs	800-1200
DH-04	100-130	24 x 90kgs	800-1200
PH-01	75-90	16 x 90kgs	800-1200
PH-04	90-120	20 x 90kgs	0-1200
KS-DTV	70-80	16-18 Bags	800-1200
DH-08	100-130	24 x 90kgs	800-1200



Maize



Sorghums & Millet

Variety	Yield/Acre. (90kg)	Maturity (months)	Special Attributes
Serena Sorghum	12	3-4	Brown grain type Tall plant with good root system Fairly tolerant to common sorghum diseases. Performs well in mid altitude region and the semi-arid lowland.
Seredo Sorghum	12	3-4	Brown grain type Tall with good tolerance to lodging Widely adaptable
Gadam Sorghum	8	3	White grain colour Tolerant to common sorghum diseases and pests Has excellent malting qualities Performs well in the coastal strip and semi-arid areas
Sorghum E 1291	15-20	5	Brown grain type Dual purpose variety with good malting and milling quality. Widely adaptable
Finger Millet P 224	10-15	3-4	Brown grain type Tall type with uniform plant height Tolerant to lodging and blast. Excellent milling quality
Finger Millet Katumani	7-10	3	Reddish grain type Dwarf variety Drought tolerant Widely adaptable



Hybred Wheat

Variety	Maturity/ Days	Yield/Acre	Special Attributes
KS Mwamba	125	22-25	High yielding Wide adaptability Tolerant to stem, ear and yellow rust Tolerant to lodging and sprouting
Fahari	122	18-26	Tolerance to stem rust but poor to ear and yellow rust. Good tolerance to lodging but fairly to sprouting
Kwale	145	20-22	High yielding Has good density Suitable for mid to high altitude Good tolerance to stem, ear and yellow rust Fair tolerance to lodging but good to sprouting

Hybred Wheat

Wheat Varieties And Attributes:

Variety Name	Special Attributes	Seed rate Kgs/ acre	Agronomic Data
KS Farasi	<ul style="list-style-type: none"> • Tolerant to most foliar diseases • Good baking quality • High yielding • Hard red wheat that is highly recommended for Mount Kenya, Samburu, Laikipia West, Narok, Subukia, Rongai, Nyandarua, Nakuru, Trans- Nzoia, Kericho, Bomet and Uasin-Gishu areas, respectively 	50	<ul style="list-style-type: none"> • 1800 – 2400 m.a.s.l. • Maturity 119 (+/-5) days • Yield 2.5 – 5.0 t/Ha (16 – 30 bags/Ha)
KS Chui	<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 	50	<ul style="list-style-type: none"> • 1800 – 2400 m.a.s.l. • Maturity 120 (+/- 5) days • Yield 3.3 – 6.8 t/Ha (37.5 – 75 bags/Ha)
KS Simba	<ul style="list-style-type: none"> • Good baking qualities • Suitable for both marginal and high potential areas of Samburu, Laikipia West, Narok, Subukia, Rongai, Nyandarua, Nakuru, Trans- Nzoia, Kericho, Bomet and Uasin-Gishu, respectively • Hard red wheat • Good tillering ability 	50	<ul style="list-style-type: none"> • 1500 – 2400 m.a.s.l. • Maturity 116 – 120 days • Yield 2.5 – 5.0 t/Ha (17 – 32 bags/Ha)
KS Mwamba	<ul style="list-style-type: none"> • Widely adapted to East Africa conditions (especially in Trans-Nzoia, Uasin-Gishu, Laikipia, Narok and Mt. Kenya areas) • Tolerant to field stress conditions • High yielding 	50	<ul style="list-style-type: none"> • 1800 – 2400 m.a.s.l. • Maturity 120 - 130 days • Yield 2.0 – 5.6 t/Ha (22 – 62 bags/Ha)
KS Ndume	<ul style="list-style-type: none"> • High yielding • Good tillering ability • Resistant to sprouting and lodging • Tolerant to foliar diseases • Good baking qualities 	45-50	<ul style="list-style-type: none"> • 1800 – 2400 m.a.s.l. • Maturity 100 - 110 days • Yield 2.7 – 6.8 t/Ha (30 – 75 bags/Ha)
KS Nyota	<ul style="list-style-type: none"> • Newly released with moderate resistance to stem rust Ug99 • High yielding • Good tillering ability • Bred for sprouting tolerance • Makes a very stable dough 	50	<ul style="list-style-type: none"> • 1800 – 2500 m.a.s.l. • Maturity 120 - 130 days • Yield 2.7 – 6.8 t/Ha (30 – 75 bags/Ha)
KS Kanga	<ul style="list-style-type: none"> • Product of KSCo-CIMMYT collaboration • Newly released with adult plant resistance to stem rust Ug99 (slow rusting) • Tolerant to most foliar diseases • Good tillering ability • Good baking and milling qualities 	50	<ul style="list-style-type: none"> • 1800 – 2500 m.a.s.l. • Maturity 120 - 130 days • Yield 4.8 – 8.0 t/Ha (53 – 89 bags/Ha)





OATS – S18



Oats S18 is one of the best varieties grown in Kenya. It is grown for both milling and animal feeding, and has the highest yielding quality in terms of grain and fodder biomass. It is ideal for silage and dry hay production.

Altitudes: Does well in cool highland regions of up to 3000 mts above sea level. It is an ideal fodder crop where other pastures such as Rhodes grass cannot perform well due to frosty conditions.
Seed Rate: 30kgs per acre is recommended when planting the certified high quality seeds of S18 variety.

Yields: Produces 13-15 bags of good quality grains for milling and confectionary industry including animal feeds. The grains are highly nutritious.

RICE



VARIETY	AVERAGE YIELD / HA (Tonnes)	PERIOD TO MATURITY (DAYS)	SPECIAL ATTRIBUTES
NERICA 1	4.5	100-115	Aromatic Medium tolerance to blast Good tolerance to lodging Long grains
NERICA 4	5	100-130	Medium tolerance to blast Good tolerance to lodging Long grains
NERICA 10	6	90-105	Early maturing Long grains Good tolerance to blast Moderate tolerance to lodging
NERICA 11	7	130	Long grains Good tolerance to blast Moderate tolerance to lodging

OATS – S18

Planting Guide

Crop	Variety	Plant Spacing (cm)	Maturity (days)	Approx. No. of seeds/gm	Average Head Weight (Kgs)	Seed rate/ acre (Kgs)	Plant Population (1,000-K)
BEETROOT	Crimson Globe	30x10	50-60	20	-	6.0	
	Red Detroit	30x10	50-60	20	-	6.0	180k - 220k
BEANS	GLP 1127 (Mwezi Moja)	50x10	75-85	3	-	30	
	Mwezi Mbili	50x10	75-85			30	
	GLP 2 (Rosecoco)	50x10	75-85			30	
	GLP 24 (Canadian Wonder)	50x10	85-90			30	
	Wairimu	50x10	75-85	3	-	30	
	GLP 92 (JMwitemania)	50x10	80-90	3	-	30	
CABBAGE	Chairman F1	60x60	90-100	280	5.5	0.05	14K
	Queen F1	60x60	80-85	300	4.0		
	Gloria F1	60x60	75-80	280	5.5		
	Pruktor F1	60x60	80-90	280	5.5		
	Riana F1	60x60	85-90	280	4.5		
	Serena F1	60x50	75-80	280	4.5		
	Polo F1	60x50	65-75	280	3.5	0.12	28K
	Red Rock	60x60	90-100	280	3.0		
	Chinese Cabbage	60x60	50-60	300	2.0		
	Copenhagen Market	60x60	65-75	300	2.0		
	Sugarloaf	60x45	65-75	300	2.0		
CAULIFLOWER	Snowball	45x45	55-60	350	0.4	0.07	18K - 24K
COWPEAS	Kenkunde 1 (KK1)	50x10	60-75	15	-	5.0	
COLLARDS	Simlaw Select	60x60	45	300	-	0.12	
CARROT	Nantes	20xdrill	60	800	-	0.5-1.0	400k - 800K
CUCUMBER	Ashley	60x45	50-60	30	-	0.5	15k - 20k
CELERY	Pascal	30xdrill	60	2000	-	0.12	
	Tall Utah	30x10	60	2000	-	0.12	
CORIANDER	Dhania	20xdrill	30	70	-	2.0	
EGGPLANT	Black Beauty	60x60	90	200-250	-	0.2	4k - 5k
	Early Long Purple				-		
GREEN GRAMS	KS20	45x10	50-60	20	-	5.0	
HOT PEPPER	Fresno	60x45	60x45	200	-	0.075	14K - 19K
	Long Red Cayenne	60x45	60-75	200	-	0.075	
	California Wonder	60x45	80-90	200	-	0.075	
SWEET PEPPER	Victory (Red /Yellow)	60x45	80-90	200	-	0.075	
INDIGENOUS VEGETABLE	Amaranthus	20xdrill	30	2000	-	0.5	
	AmaranthusDubious	20xdrill	30	2000	-		
	Common Night Shade	20xdrill	30	800	-		
	Giant Night Shade	20xdrill	30	800	-		
	Spider Plant	20xdrill	30	700	-		
	Crotalaria Mitoo	20xdrill	30	250	-	1.0	
	Jews Mallow	20xdrill	30	600	-	0.5	
	Kunde Mboga	50x10	45-50	15	-	5	
KALE	Thousand Head	60x45	50	300	-	0.12	
LAWN GRASS	Kikuyu Grass	Broadcast	60			3-4	
	Bermuda						
	Paspalum						
	Penncross Bent						
LEEKs	American flag	30x10	75-85	300	-	1.2	
	Carentan	30x10	75-90	300	-	1.2	
	Bulgarian Giant	30x10	75-90	300	-	1.2	
LETTUCE	Great Lakes	30x60	55-60	1200	0.5	20	18K - 32K
ONION	Red Creole	20x10	100-120	280-300	80g-130g	2.5	700K- 750K
	Bombay Red	20x10	90-115		80g-100g	2.5	
	Texas Grano	20x10	100-120		120g-150g	1.5	
	Spring Bunching	20x20	80-90		-	2.5	700K - 750K
	Sivan F1	20x10	90-115			1.2	330K - 360K

Crop	Variety	Plant Spacing (cm)	Maturity (days)	Approx. No. of seeds/gm	Average Head Weight (Kgs)	Seed rate/ acre (Kgs)	Plant Population (1,000-K)
OKRA	Pusa Sawani	75x45	45	5-6	-	2.5	6K - 8K
	Clemson Spineless						
OATS	S18	30xdrill	120			30	
PEAS	Green Feast	30x1	60	3-5	-	14	42k - 70k
	Kelvedon Kigondoro						
	Peas Plums						
PASTURE GRASS	Boma Rhodes	Broad-cast or 30xdrill	90			3	
	Pokot	30xdrill	90			5.0	
	Brachiaria Grass						
	Sudan Grass						
	Columbus Grass						
PASTURE LEGUMES	Desmodium	30xdrill	100-120		-	3.0	
	Lucerne				-		
PUMPKIN	Elgon Cream	200x150	110	5	-	1.0	5k
SQUASH	Jupiter F1	90x75	90-110	12-15	-	1.0	12k - 15k
	Butternut						
	Ambassador	60x45	45-50	10		2.0	
SPINACH	Fordhook Giant	50x50	45	100	0.3	3.0	
TOMATO	Prostar F1	100x50	70-75	250-300	-	0.05	
	Nyota F1	90x45	70-75	250-300	-	0.05	
	Crown F1	90x45	70-75	250-300	-	0.05	
	Monica F1	90x45	75-80	250-300	-	12,000 Seeds	
	Libra F1	90x45	75-85	250-300	-	0.05	
	Rio Grande VF	90x45	75-85	250-300	-	0.1	
	Cal J	90x45	75-80	250-300	-	0.1	
	Roma	60x60	70-75	-	-	0.1	
	M82	60x60	70-75	280-300	-	0.1	
TURNIP	Early Purple Top White Globe	30x10	50	350-400	-	® 1.0	3k - 4k
RADISH	Cherry Belle	20xdrill	45	100	-	4.5	
	White Icicle	30x10	50	-	-	4.5	
WATERMELON	Julie F1	150x100	75	15	-	0.5	7.5k - 8k
	Sweet Rose F1		75		-		
	Daytona F1		90		-		
	Sugar Belle F1		75		-		
	Princess F1		75		-		
	Sugar Baby		90		-		
	Crimson Sweet		80		-	0.25	3.5k - 3.7k
	Charleston Gray		80		-		
	Galia F1		90		-		
	Honey dew		90		-		
						0.5	
						0.25	

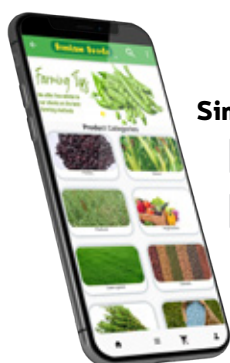


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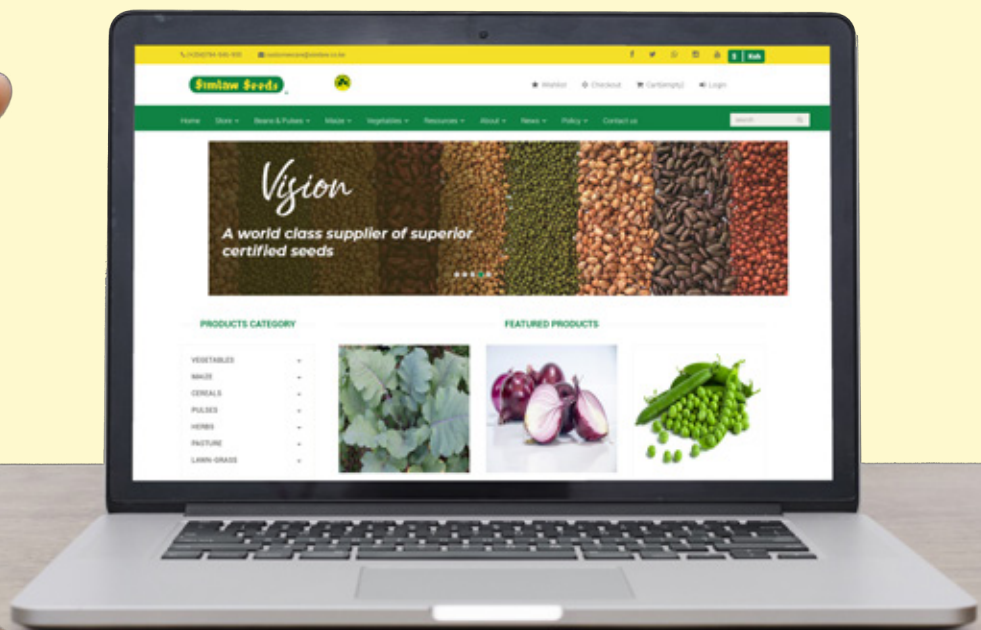
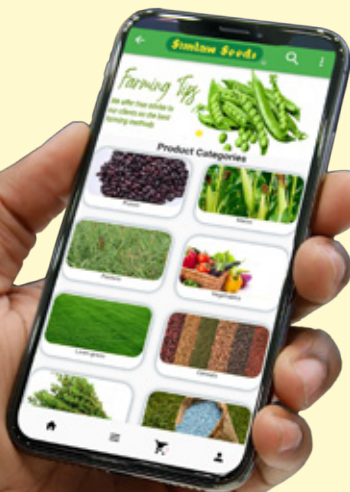
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