When it comes to agribusiness, a bulk harvest and reduced operational costs are a farmer’s biggest triumph. An excellent contributor to this is Amiran’s range of top quality seed varieties that offer growers high yields, uniform crop, disease resistance, quality produce with extended shelf life.

Amiran understand that seed is the foundation of good crop production. These unique varieties that comprise of Hybrid Seeds and Open Pollinated Varieties are sort from world leading Seed Breeders and producers and customized for the African farmer.

The responsiveness and credibility of our well trained agronomists makes it worthwhile to access, understand and grow Amiran seeds.

Our vision is to contribute to the growth of agribusiness in Kenya, improve livelihoods as well as marketing of high quality vegetable seeds.

Amiran seeds are used by many of our esteemed customers such as:

a) Export farmers.
b) Small and middle scale farmers throughout Africa
c) NGOs and CBO’s
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INDEX FOR RESISTANCES

**TYLCV:** Tomato Yellow Leaf Curl Virus  
**ToMV:** Tomato Mosaic Virus  
**TSVV:** Tomato spotted wilt virus  
**SI:** Stemphylium

**For:** Fusarium crown & root rot  
**Pst:** Bacterial speck  
**Ma:** Nematode  
**Fol:** Fusarium (race 1,2)  
**TMV:** Tobacco mosaic virus  
**Vd:** Verticulum wilt

**INDETERMINATE FOR GREENHOUSE PRODUCTION (OVAL FRUIT SHAPE)**

**ZIPPY F1**

**Description**
- Strong plant with high yield and elongated, uniform fruits.
- Good fruit size, firmness and long shelf life.

SHAPE: Elongated  
WEIGHT(Gr): 150-180  
COLOR: Red

**Resistances**
- TMV  
- Vd  
- Vd  
- Fol: 0-2  
- Fl  
- Mi  
- Ma  
- Mj  
- TYLCV  
- TSWV

**EVA F1**

**Description**
- Indeterminate hybrid variety  
- Extended shelf life  
- Good resistance to cracking  
- Flower setting at high temperatures  
- Greenhouse / Net house production  
- Staking growing system  
- Flower setting at high temperatures

SHAPE: Oval  
WEIGHT(Gr): 160 - 200

**Resistances**
- Vd  
- Fol  
- Ma  
- ToMV  
- Pst

**CORAZON IMPROVED F1**

**Description**
- Extended shelf life  
- Good resistance to cracking  
- Indeterminate hybrid variety  
- Greenhouse / Net house production  
- High yielding  
- Staking growing system

SHAPE: Oval  
WEIGHT(Gr): 130 - 180

**Resistances**
- Vd  
- Fol  
- Pst  
- TMV  
- Ma  
- TSWV  
- TYLCV

**CLAUDIA F1**

**Description**
- Extended shelf life  
- Good firmness  
- Indeterminate hybrid variety  
- Greenhouse / Outdoor production  
- Staking growing system

SHAPE: Oval  
WEIGHT(Gr): 110 - 150

**Resistances**
- TYLCV  
- For  
- Ma  
- Fol  
- ToMV
INDETERMINATE FOR GREENHOUSE PRODUCTION (CHERRY + BEEF TOMATO)

**TOMATO 2212**
- Indeterminate hybrid tomato variety
- Strong plant habit suitable for long cycle production
- Beef tomato with good flavor
- Greenhouse/Net house production
- Staking growing system

SHAPE: Round  
FRUIT WEIGHT: 250-300g  
COLOR: Deep red

**TOP 2209**
- Elongated fruit
- Excellent flavor and Brix
- Extra high level of Lycopene
- Yield is high
- Fruit color – chocolate Zebra
- Suitable for greenhouse production

---

**CHERRY RED BEAUTY F1**
- Nice cluster
- Deep red colour
- Greenhouse Variety

SHAPE: Globe  
WEIGHT(Gr): 10 - 20

**LUCI PLUS**
- Very good taste
- Intense red color
- Greenhouse Variety
- Very Good Shelf Life

SHAPE: Oval shape  
WEIGHT(Gr): 20  
PLANT VIGOR: Medium  
RELATIVE MATURITY: Medium

---

**DETERMINATE FOR OPEN FIELD PRODUCTION (OVeRAL FRUIT SHAPE)**

**GALILEA F1**
- Open field,Bush & staking growing system
- Good leaf coverage
- Extended shelf life
- Determinate hybrid variety

SHAPE: Oval  
WEIGHT(Gr): 150 - 180

**SHANTY F1 + N**
- Very early maturity
- Determinate hybrid variety
- Open field production
- Very high tolerance to nematodes
- Extended shelf life

SHAPE: Oval  
WEIGHT(Gr): 130 - 180

---

**GALILEA TY**
- Open field staking and bush
- Long shelf life
- Very firm
- Determinate Hybrid Variety
- Excellent red colour
- Very strong plant
- Field resistance to powdery mildew

SHAPE: Oval  
WEIGHT(Gr): 140 - 160/fruit

**SHANTY F1 IMPROVED**
- Determinate hybrid variety
- Open field bush or staking
- Extended shelf life

SHAPE: Oval  
WEIGHT(Gr): 140 - 160/fruit
**ZARA F1**

**Description**
- Determinate hybrid variety
- Early to medium maturity
- Strong vigorous plant with very good foliage cover for open field production.
- Very firm fruits with excellent red color.
- Long shelf life.
- High yielding.
- Tolerant to Bacterial wilt.

SHAPE: Oval
WEIGHT (Gr): 120 - 130

**Resistances**
- TYLCV
- TMV
- Fol 1 & 2
- BW

**ZARA F1**
**BACTERIAL WILT TOLERANT**
GALILEA TY
MY CHOICE FOR SUCCESS

VERY STRONG PLANT HABIT
FIRM FRUIT AND EXTENDED SHELF LIFE
EXCELLENT RED COLOUR
EXCEPTIONAL FRUIT SIZE
HIGH FRUIT UNIFORMITY

RESISTANCES
• Tomato yellow leaf curl virus
• Verticillium wilt
• Fusarium wilt (race 1, 2)
• Mosaic virus
• Tobacco mosaic virus
• Bacterial spot
• Field resistance to Pseudomonas solanacearum

SEEDS CATALOGUE | 7
# SWEET PEPPER HYBRID

## INDEX FOR RESISTANCES

<table>
<thead>
<tr>
<th>Virus</th>
<th>Description</th>
</tr>
</thead>
</table>
| ToMV: Tomato Mosaic Virus | - Extended shelf life  
- 3 lobes in fruit  
- Blocky  
- Medium Fruit walls  
- Greenhouse/nethouse Production  
FRUIT COLOR: Yellow(Gold), Green-Yellow  
FRUIT SIZE W/L (CM): 9 x 9  
PLANT HEIGHT: Upright |
| PMMoV: Pepper Mild Mottle virus | - Extended shelf life  
- Good fruit set in low temps.  
- Greenhouse/nethouse Production  
- 3 lobes in fruit  
- Blocky  
- Strong plant  
FRUIT COLOR: Dark Green - Red  
FRUIT SIZE W/L (CM): 11 x 10  
PLANT HEIGHT: Upright |
| TSWV: Tomato spotted wilt | - Extended shelf life  
- Good fruit set in various climatic conditions  
- Slot - hot to cold, for indoor (net houses or greenhouses) production  
- Medium Fruit walls  
- Blocky  
FRUIT COLOR: Evergreen  
FRUIT SIZE W/L (CM): 11 x 10 |

## Description

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
</table>
| **GOLDEN SUN F1** | - Recommended for open field and under cover production  
- Relatively medium maturity variety  
- Productive plant with medium large sized fruits with high quality  
- Average fruit weight – 170 to 230 grams  
FRUIT COLOR: Dark green to Red  
FRUIT SHAPE: Blocky  
PLANT HEIGHT: Medium upright plant |
| **ZOHAR F1**     | - Extended shelf life  
- 3 lobes in fruit  
- Blocky  
- Medium Fruit walls  
- Greenhouse/nethouse Production  
FRUIT COLOR: Yellow(Gold), Green-Yellow  
FRUIT SIZE W/L (CM): 9 x 9  
PLANT HEIGHT: Upright |
| **PEPPER VARGAS F1** | - Recommended for open field and under cover production  
- Relatively medium maturity variety  
- Productive plant with medium large sized fruits with high quality  
- Average fruit weight – 170 to 230 grams  
FRUIT COLOR: Dark green to Red  
FRUIT SHAPE: Blocky  
PLANT HEIGHT: Medium upright plant |
| **FALKOR F1**    | - Medium coarse with dark green leaves  
- Fast growing, good regenerative capability  
- Leaf tips remain green for a long time  
- Very robust and high yielding  
- Tolerant to Downey mildew  
- Tolerant to cold temperatures |
| **TOP 168 EVERGREEN F1** | - Extended shelf life  
- Good fruit set in low temps.  
- Greenhouse/nethouse Production  
- 3 lobes in fruit  
- Blocky  
- Strong plant  
FRUIT COLOR: Dark Green - Red  
FRUIT SIZE W/L (CM): 11 x 10  
PLANT HEIGHT: Upright |
| **MARVEL F1**    | - Medium coarse with dark green leaves  
- Fast growing, good regenerative capability  
- Leaf tips remain green for a long time  
- Very robust and high yielding  
- Tolerant to Downey mildew  
- Tolerant to cold temperatures |
HOT PEPPER HYBRID

INDEX FOR RESISTANCES

TMV: Tobacco Mosaic Virus

PVV: Potato virus Y

SUPER HABANERO F1

Description
- Extended shelf life
- Strong vigour
- Late relative maturity

FRUIT COLOR: Green-Red
FRUIT SIZE W/L(CM): 4 x 6

PLANT HEIGHT AND HABIT: Upright

Resistances
- TMV

HOT CAYENNE

Description
- Extended shelf life
- Open pollinated variety
- When the fruits are ripe they turn dark red and very glossy
- Suitable for the local market and also export

FRUIT COLOR: Green-Red
PLANT HEIGHT AND HABIT: spreading

SERENADE F1

Description
- Extended shelf life
- Open Field Production
- Thin Fruit walls

FRUIT COLOR: Green-Red
FRUIT SIZE W/L(CM): 8 x 2

PLANT HEIGHT AND HABIT: Medium Spreading

Resistances
- TMV
- PVV
## CUCUMBER

### INDEX FOR RESISTANCES

**Foc:** Fusarium wilt  
**Px(exsf):** Powdery Mildew

<table>
<thead>
<tr>
<th><strong>SARIG F1</strong></th>
<th><strong>CARMEN F1</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td><strong>Description</strong></td>
</tr>
</tbody>
</table>
| • For greenhouse production  
• Long shelf life  
• Parthenocarpic type | • Parthenocarpic type  
• Good shelf life  
• Greenhouse production  
• Early Maturing |
| **Resistances** | **Resistances** |
| • **Px(exsf)** | • **Px(exsf)** |
| **COLOR:** Dark green  
**LENGTH(CM):** 14 - 16  
**SEASON:** All year round | **COLOR:** Dark green  
**LENGTH(CM):** 30 - 35  
**SEASON:** All year round |
## LETTUCE

### INDEX FOR RESISTANCES
- **LMV** = Lettuce Mosaic Virus
- **BL (races)** = Bremia lactucae
- **Fol** = Fusarium oxysporum f. sp. lactucae

### Description
- Can be cultivated for processing as well as for fresh market
- Excellent for hearts production.
- Plant Habit: Closed head
- Good tolerance to Tip burn & Bolting

### Resistances
- IR: LMV
- IR: Fol

### Color
- Slightly light green

### Weights
- 300-600

### Maturity
- 65-75 days

---

### Description
- Large open head
- For fresh market and process, good standing ability in field
- Plant Habit: Open
- Good tolerance to Bolting

### Resistances
- IR: LMV

### Color
- Light green

### Weights
- 500-1300

### Maturity
- 35-65 days

---

### Description
- Good head uniformity
- Density: 60,000-90,000 plants/ha.
- Good tolerance to Tip burn & Bolting

### Resistances
- IR: BL

### Color
- Dark Purple

### Weights
- 300 - 1000

### Maturity
- 35-65 days

---

### Description
- Early maturity
- Outdoor/Greenhouse production
- Good tolerance to Tip burn & Bolting

### Resistances
- Good Heat resistance
- Tip Burn

### Color
- Light Green

### Weights
- 300 - 700

### Maturity
- 65-75 days
### CABBAGE

#### INDEX FOR RESISTANCES

| Xcc: Black rot | Foc: Fusarium Conglutinans |

#### CABBAGE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Resistances</th>
<th>Resistances</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TAURUS F1</strong></td>
<td>Recommended plant population 25,000 - 35,000 pl/ha.</td>
<td>Xcc</td>
<td>Xcc</td>
</tr>
<tr>
<td></td>
<td>Well filled heads with good field holding capacity.</td>
<td>Foc</td>
<td>Foc</td>
</tr>
<tr>
<td></td>
<td>Strong against bolting &amp; bursting</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>HEAD SHAPE &amp; COLOUR: Round to flat-round, blue green heads</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AV. WEIGHT(KG): 4 - 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATURITY: 100 - 110 days after transplanting</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **ROMUS F1**                                 | Recommended plant population 45,000 - 50,000 pl/ha.                                             | Xcc         | Xcc         |
|                                              | Very good standing ability.                                                                    | Foc         | Foc         |
|                                              | Good tolerance to bolting and cracking                                                         |             |             |
|                                              | Medium plant size with little wrapper leaves                                                   |             |             |
|                                              | Very flexible variety                                                                         |             |             |
|                                              | Very good field standing ability                                                              |             |             |
|                                              | Very uniform fruits                                                                           |             |             |
|                                              | Year around transplanting                                                                     |             |             |
|                                              | HEAD SHAPE & COLOUR: Round shaped heads with medium red colour.                               |             |             |
|                                              | AV. WEIGHT(KG): 1.5 - 2                                                                        |             |             |
|                                              | MATURITY: 75 days after transplanting                                                         |             |             |

| **CABBAGE TYCOON F1 (MCB 9901)**             | Vigorous plant growth                                                                         | Xcc         | Xcc         |
|                                              | Good heat and cold tolerance                                                                  | Foc         | Foc         |
|                                              | Blue green leaves with excellent head cover                                                   |             |             |
|                                              | Excellent field holding capacity                                                             |             |             |
|                                              | Compact head formation good for long distance transportation.                                 |             |             |
|                                              | HEAD SHAPE: Round shaped                                                                      |             |             |
|                                              | AV. WEIGHT(KG): 3 - 4.5 (depending on spacing)                                                 |             |             |
|                                              | MATURITY: Early maturity (70-75 days after transplanting)                                     |             |             |

| **CABBAGE REETA F1 (VSC 1013)**              | Early – medium maturity (75-85 days after transplanting)                                       | Xcc         | Xcc         |
|                                              | Recommended for cold and hot season                                                           | Foc         | Foc         |
|                                              | Excellent heat tolerance                                                                     |             |             |
|                                              | Good wrapping leaves                                                                         |             |             |
|                                              | HEAD COLOR: Blue green                                                                        |             |             |
|                                              | HEAD SIZE: 3-5kgs depending on spacing                                                         |             |             |
|                                              | HEAD SHAPE: Round                                                                           |             |             |
SWEET MELON

INDEX FOR RESISTANCES

Pcu: Downy Mildew
Sf: Powdery mildew
CMV: Cucumis mosaic virus
MNSV: Muskmelon Necrotic Spot Virus
Fom: Fusarium wilt

GALIA F1 IMPROVED

Description
- Very sweet taste with pleasant aroma.
- Small seed cavity.
- Light green flesh color
- Very good netting
- Long shelf-life
- Bush growth undercover and open field

Resistances
- Fom 0, 1, 2
- MNSV
- PMT

Skin color: Yellow
Days from planting to harvest: 75
Ave. sd/gr.: 43
Ave. Fruit weight: 1.5Kg
Fruit Shape: Round

6023 RANI (GALIA TYPE)

Description
- Good taste and aroma- Export quality
- Early maturity, suitable for early season
- High yield, uniform size
- High disease resistance
- Open field, greenhouse, trellised

Resistances
- Fom 0, 1, 2
- Pcu
- Sf
- MNSV

Plant Description: Vigorous
Growing Season: Early spring/Spring
Relative maturity: Early
Flesh Color: Green
Average Weight: 1-1.3kg
Brix %: 11-12

Shelf life: Good
Skin color: Yellow
Days from planting to harvest: 75
Ave. sd/gr.: 43
Ave. Fruit weight: 1.5Kg
Fruit Shape: Round

SEEDS CATALOGUE | 13
WATER MELON

RIVER SIDE - 6801 F1

Description
- Matures in the Mid-season
- Deep red flesh

SHAPE: Oblong to elongated
RIND: Wide dark stripes
WEIGHT (KG): 11 - 13
FLESH: Deep red, Crisp and very sweet

MARIDADI F1

Description
- Relatively early maturing,
- Uniform
- High marketable fruit yield,
- Well established hybrid in East African region

SHAPE: Oval to oblong
RIND: Dark green stripes
WEIGHT (KG): 8 - 10
FLESH: Excellent, sweet taste

LAHAT F1

Description
- Has very high brix
- High yielding
- Good shelf life

SHAPE: Oblong
RIND: Dark green with dark green stripes
WEIGHT (KG): 9 - 11
FLESH: Deep red, sweet, soft & crisp

BUTTERNUT B47

Description
- Vigorous Plant
- Uniform production
- Superior internal quality
- Excellent flavor and high sugar

Good shelf life
Very good fruit set & high yields over long time
SIZE: 1.5 - 3.00 Kg
ONION

INDEX FOR RESISTANCES
Pt: Pink root

SIVAN F1
Description
• Slightly pungent
• Pink flesh
• Very high yield
• Delicious sweet taste
SKIN: Light brown - pink
SHAPE: Globe
RELATIVE MATURITY: Very early
MONTHS STORAGE: 4 - 5

Resistances
• Pt

NEPTUNE F1
Description
• High yielding
• Firm shining red bulbs
• Good pungency
• Good for salads
• Extended shelf life
SKIN: Deep red
SHAPE: Flattened globe
RELATIVE MATURITY: Mid late
MONTHS STORAGE: 5 - 6

Resistances
• Pt

SHAHAR F1
Description
• High yielding
• Early maturity
• Very firm, white/yellowish bulbs
• Good pungency
• Extended shelf life
SKIN: White/yellowish
SHAPE: Globe
RELATIVE MATURITY: Early

Resistances
• Pt

RUSSET F1
Description
• Very firm, red flesh color
• Strong plant vigor
SKIN: Red
SHAPE: Granex - round
RELATIVE MATURITY: Early
MONTHS STORAGE: 3 - 3.5

Resistances
• Pt
RUSSET F1
MY CHOICE FOR SUCCESS

VERY FIRM BULBS
RED FLESH COLOR
STRONG PLANT VIGOR
VERY HIGH YIELDING

RESISTANCES*
Pink root

SKIN
Red

SHAPE
Granex - round

MATURITY PERIOD
2.5 - 3 months

MONTHS STORAGE
5 - 6
EGGPLANT

TAMMI F1
Description
- Long shelf life (very firm)
- Open field production system
- Vigorous growing
- Semi erect plant
- Has wide adaptability
- Export quality
RELATIVE MATURITY: 75 days
COLOR: Shiny purplish black with green calyx
SHAPE: Elongated oval (ravaya type)
LENGTH: 18-20cm
WEIGHT: 50-60g

ARAGON
Description
- Very high yield
- Keeps its shape and color.
- Compact plant for low tunnels and open field cultivation
FRUIT SHAPE: Half-long
COLOR: Shiny purplish-black
CULTIVATION: Spring (in low tunnels) – Summer (open field)

KABERI F1
Description
- Long shelf life. Vigorous growing
- Bushy to medium plant
- Fruits are in clutters
- Very prolific
- Has wide adaptability
- Export quality
RELATIVE MATURITY: 55 days
COLOR: Glossy and shining with green calyx
SHAPE: Oval high
WEIGHT: 50 - 60g

TUDELA
Description
- For both open field production and under cover
- Wide adaptability
- Strong vigorous plant
- Semi erect plant habit,
- Very prolific
- For export ad local market.
RELATIVE MATURITY: 75 days
COLOR: Glossy dark purple,
SHAPE: Round
SPINACH

INDEX FOR RESISTANCES
Pfb: Downy mildew

BABY SPINACH PALCO F1
Description
- Has long harvesting period
- Fast growing
- Large and thick leaves
COLOUR: Dark green thick leaves

Resistances
- Pfb
- Late bolting

PAKCHOI

PAKCHOI CHOKO/SHUKO
Description
CHOKO: Growing vigorously, suitable for summer cropping.
SHUKO: Suitable for Autumn-Spring sowing, vigorous and uniform.

Natsuyo
Description
- Maturity: 70
- Stem size: 1.3
- Stem type: Mono
- Leaf color: Dark green
**SAKURA F1**

**Description**
- **MATURITY:** 70 days
- **PLANT SIZE:** Medium
- **HEAD COLOUR:** Green
- **HEAD SHAPE:** High dome
- **HEAD TIGHTNESS:** Tight
- **BEAD SIZE:** Small
- **CROPPING:** Summer- early Autumn

**BROCCOLI OVERHEAD F1**

**Description**
- Heat tolerant variety with a good presentation.
- Suitable for crown cut production.
- Good vigor
- Nicely shaped dome
- Suitable for crown cut
- Firm heads
- **MATURITY:** 75 days

**BROCCOLI STICOLLI F1**

**Description**
- New green tender stem broccoli type for multiple harvest.
- Healthy plant produces smooth stems, with excellent flavour.
- Take out primary head at 2-3 cm then harvest side shoots regularly every 2-3 days for continuity.
CAULIFLOWER

**FERRERA F1**

**Description**
- Maturity is 75-80 days from transplanting
- Variety for fresh market
- Nice smooth curd
- Vigorous variety with good self-cover
- Very uniform in harvest
- Good heat tolerance
- Nice clean bottom

**FIORETTO F1**

**Description**
- Cauliflower with edible green stems
- Maturity is 65-80 days
- Unique, succulent small florets
- Better taste than the head cauliflower
- Tolerant to bolting
**SNAP PEA CASCADIA**

**Description**
- Recommended plant population of 500,000 pl/ha is optimal for this variety.
- Suitable for fresh market & pre-packing
- Generally acceptable disease tolerance.

**POD SHAPE**: Slightly curved, pointed & smooth
**COLOUR**: Medium green
**LENGTH**: 7 cm
**PODS PER NODE**: 2
**KERNELS / POD**: 7-8
**FLOWER COLOUR**: White
**PLANT GROWING HABIT**: Normal type
**VINE LENGTH**: 90 cm
**YIELD**: Fairly well concentrated pod set
**MATURITY**: Medium - 86 - 90 days

---

**OREGON SUGAR POD II**

**Description**
- Mange tout pea with lovely sweet flavored, fleshy pods
- Suitable for fresh market
- High yielding
- Heat tolerant snow peas.
- General acceptable disease tolerance

**POD SHAPE**: Round, smooth & blunt end
**COLOUR**: Medium green
**LENGTH**: 8.5 cm
**PODS PER NODE**: 2
**KERNELS / POD**: 7 - 8
**POD LENGTH**: 9 - 10 cm
**PLANT LENGTH**: 100 - 120 cm
**MATURITY**: 65 - 75 days

---

**GARDEN PEA DESIGN**

**Description**
- Stable, proven yielder.
- Determinate, early and main crop variety
- 4 – 5 levels of harvestable pods.
- Product with good taste, colour and quality.
- Strong and vigourous plant
- Good root system and outstanding stress tolerance.

**POD COLOUR**: Dark green
**LENGTH**: 8.5 cm
**PODS PER NODE**: 3
**KERNELS / POD**: 7 - 8
**TOLERANCE**: Fusarium Race 1

---

**GARDEN PEA ALL SUN (ASR 4090)**

**Description**
- Normal Leaf
- Vigorous plant
- Stress tolerant
- Mid- late (+5 Keveld)
- 5 stage harvestable
- 3 pods/stage
- 10-12 peas/pod
- Good taste and good quality

---

**Resistances**
- Bean Common Mosaic Virus ( BCMV )
- Fusarium oxysporum race 1
- Powdery mildew

---

**Sieve size by a TM 110**

<table>
<thead>
<tr>
<th>Sieve size</th>
<th>25</th>
<th>45</th>
<th>25</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;8.2</td>
<td>5</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>8.2-9.3%</td>
<td></td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>9.3-10.2%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&gt;10.2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**BEANS**

**INDEX FOR RESISTANCES**

**BCMV:** Bean common mosaic virus  
**Cl:** Anthracnose

<table>
<thead>
<tr>
<th><strong>SOURCE (EXTRA FINE VARIETY)</strong></th>
<th><strong>Resistances</strong></th>
<th><strong>Pod Characteristics</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td><strong>BCMV</strong></td>
<td>Nice straight pods</td>
</tr>
<tr>
<td>• For export and fresh market</td>
<td><strong>CL</strong></td>
<td>Average sieve size 90%&gt;6.5mm &amp; 10% 6.5-8.0mm</td>
</tr>
<tr>
<td>• Culture: Open field and under plastic tunnels</td>
<td></td>
<td>• Remains fresh for a long time after harvest</td>
</tr>
<tr>
<td>• Very high yielding</td>
<td></td>
<td>• Stringless variety</td>
</tr>
<tr>
<td>• An easy pick</td>
<td></td>
<td>COLOR: Dark green</td>
</tr>
<tr>
<td>• Uniform product</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Extended shelf life</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• LENGTH(CM): +/- 11 cm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Plant Characteristics**

* Vigorous variety
* Leaves have are darkgreen
* Mid-early variety.
* Has several flowering and pod setting data that makes the variety suitable for several harvests

COLOR: Brilliant darkgreen  
HEIGHT(CM): 45 - 50CM

<table>
<thead>
<tr>
<th><strong>ASR 1103</strong></th>
<th><strong>Resistances</strong></th>
<th><strong>Pod Characteristics</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td><strong>BCMV</strong></td>
<td>Very straight pods, 12-13 cm length.</td>
</tr>
<tr>
<td>• Easy to pick.</td>
<td><strong>CL</strong></td>
<td>Early length and therefor flexible to harvest.</td>
</tr>
<tr>
<td>• High yield.</td>
<td></td>
<td>Dark green pods.</td>
</tr>
<tr>
<td>• Uniform product and in maturity.</td>
<td></td>
<td>Mono caliber : sieve size 100% &lt; 6.5mm .</td>
</tr>
<tr>
<td>• Very low % of stems and branches and so well adapted for mechanical harvest.</td>
<td></td>
<td>Firm fleshy pods.</td>
</tr>
</tbody>
</table>

**Plant Characteristics**

* Variety suitable for different soil types.
* Strong root system.
* Mid-early variety.

COLOR: Dark Green Leaves  
HEIGHT(CM): 45 - 50CM

**COLOR:** Dark green  
**HEIGHT:** 45 - 50 CM

**LENGTH:** +/- 11 cm

**ASR 1103**

**Description**

* Easy to pick.
* High yield.
* Uniform product and in maturity.
* Very low % of stems and branches and so well adapted for mechanical harvest.

**Pod Characteristics**

* Very straight pods, 12-13 cm length.
* Early length and therefor flexible to harvest.
* Dark green pods.
* Mono caliber : sieve size 100% < 6.5mm .
* Firm fleshy pods.
* Good self life.
* Stringless variety.
* Good Heat tolerance.
**BEETROOT**

**BORO F1**

**Description**
- Boro is a red beet hybrid
- High yielding variety
- Uniform in growth
- Round and smooth
- The internal color is excellent, attractive red with a great taste
- Boro has a nice, big pin root which makes the variety suitable for drying and hotter regions
- The leaves are strong

**Resistances**
- IR (intermediate resistance)
- Cercospora Leaf spot
**COTTON**

**HA-211**

**Description**
- Early hybrid with Determinant plant

**Lint Quality Values**
- Strength (gr/tex): 34-36
- Elogation %: 6.5 - 7.5
- Fineness (micr): 3.6 - 3.8
- Length (inch): 1.36 - 1.37

**HA-701**

**Description**
- Early hybrid with Determinant plant (white corolla)

**Lint Quality Values**
- Strength (gr/tex): 33 - 35
- Elogation %: 6.5 - 7.5
- Fineness (micr): 3.6 - 3.8
- Length (inch): 1.33 - 1.34
BRACHIARIA

**MULATO II**

Description

- **Commercial name:** Mulato II grass
- **Scientific name:** Brachiaria ruziziensis x B. decumbens x B. brizantha cv. Mulato II
- **Growth habit:** Tillered; semi-decumbent
- **Palatability:** High
- **Digestibility:** High
- **Protein potential:** Up to 18%
- **Tolerance to waterlogging:** Poor
- **Tolerance to drought:** Good
- **Planting density:** 8–10 kg/ha; zero tillage, 2.5 - 3 Kg/Acre
- **Days to first grazing/cut after germination:** 70-80 days on average
- **Time in rotation / Regrowth Period:** 45 - 50 days
- **Minimum height for animals to exit the paddock:** 25 cms
- **Soil fertility requirement:** Intermediate to high
- **Adaptation in m above sea level:** 0–1200 m above sea level
- **Adaptability to soils with acid pH:** High
- **Resistance to spittlebug attack:** High
- **Uses:** Grazing, hay, silage, fresh in feeding trough
- **Spacing:** 50 cm between rows and 50 cm between plants
- **Planting Depth:** 1 - 2 cm

**CAYMAN**

Description

- **Commercial name:** Cayman grass
- **Scientific name:** Brachiaria hybrid cv. CIAT BR 02/1752
- **Growth habit:** Tillered; semi-decumbent
- **Palatability:** High
- **Digestibility:** High
- **Protein potential:** Up to 17%
- **Tolerance to waterlogging:** High
- **Tolerance to drought:** Good
- **Planting density:** 8–10 kg/ha; zero tillage, 2.5 - 3 Kg/Acre
- **Days to first grazing/cut after germination:** 90-100 days on average
- **Time in rotation / Regrowth Period:** 25–30 days
- **Minimum height for animals to exit the paddock:** 30 cms
- **Soil fertility requirement:** Intermediate to high
- **Adaptation in m above sea level:** 0–1200 m above sea level
- **Adaptability to soils with acid pH:** High
- **Resistance to spittlebug attack:** High
- **Uses:** Grazing, hay, fresh in feeding trough; its quality and production also make it adequate for use as silage
- **Spacing:** 50 cm between rows and 50 cm between plants
- **Planting Depth:** 1 - 2 cm
PAPAYA FORTE 44 F1

Description
- Vigorous hybrid with evident dwarf plant habit
- Maturity 7-8 months after planting
- Excellent flowering setting ability
- Med-large size fruit with thick flesh
- Attractive red color and very sweet
- Weight 1.8 - 2.5 kg
- Very firm fruits with longer shelf life
- Resistant to Papaya Ring Spot Virus
OPEN POLLINATED VEGETABLE VARIETIES

**ONION: RED CREOLE**

**Description**
- It has red globular bulbs.
- Performs well in warm climates.
- Stores well in dry, ventilated conditions.
- Yield potential is 15-28 tonnes/acre.
- Matures in 4.5 - 5 months.
- Has an excellent red colour.
- Can be stored up to six months.
- High yielding.

**TOMATO: RIO GRANDE**

**Description**
- Open pollinated determinate variety.
- Takes on a dark red colour at maturity.
- Tolerant to verticillium wilt and fusarium wilt (Races 1 and 0).
- Firm and tasty fruits.
- High dry matter content.
- Oval and heavy fruits.

**CRIMSON SWEET**

**Description**
- Plant spacing 100cm x 100cm.
- The fruits are of medium size, blocky oval is the shape.
- The rind is dark green with broad dark green stripes.
- The flesh is brilliant red, firm with excellent texture and sweetness.
- It matures in about 90-120 days after planting.
- Mature fruit weighs 7-9 kgs.
- Well adapted to different weather conditions.
- Fruit is sweet with a crunchy texture and attractive red flesh.
- Has vigorous growth and fine quality.

**ONION: TEXAS GRANO**

**Description**
- Excellent onion with good tasting flavour.
- Ideal for fresh salads.
- Mild in Pungency.
- Creamy white internal colour.
- Yield potential 20 tonnes/acre.
- Matures in 100-120 days.
- Big Bulbs.
- Early maturing.

**TOMATO: CAL J**

**Description**
- Determinate variety (Bushy type).
- Deep Red in Colour.
- Oval and heavy fruit.
- Firm and tasty fruit suited for fresh market and processing.
- Yields 30-50 tonnes per ha.
- Maturity period 80 days.

**WATERMELON: SUGAR BABY**

**Description**
- This is a variety that can be cultivated all year round and is robust in growth.
- It is round in shape black in colour with red sweet flesh.
- The fruit weighs about 7-8 kg.
- It matures in 60-75 days.
- Suitable for shipping and long distance transport.
- Early Maturing.

**CUCUMBER: SUPER MARKETER**

**Description**
- Grows well in hot climatic conditions.
- Maturity period is one and a half to two months.
- It yields about 16-32 tonnes per ha.
- Early maturing.
- Very popular in the local market.
- Very high yielding.

**PEPPER: CALIFORNIA WONDER**

**Description**
- Blocky shaped fruit
- Thick flesh
- Grown to be harvested green
- Suitable for outdoor production
- 3-4 slightly rounded lobes
- 150-180gms
- Open pollinated variety
OPEN POLLINATED VEGETABLE VARIETIES

OKRA: PUSA SAWANI

Description
- It is grown for its green pod which is the edible part.
- The pods are spineless.
- Grows best in hot areas as a rainfed crop or under irrigation.
- It is very popular for the local market.
- Has a high percentage grade out.

SQUASH: BUTTERNUT

Description
- This is an open pollinated variety.
- Elongated pear shape.
- Fruit colour is creamy tan and the flesh is yellowish orange.
- Early maturing.
- Small seed cavity and therefore more flesh.
- Has unequaled eating qualities.

CHARLESTON GREY

Description
- This is a robust variety that is relatively tolerant to disease and harsh weather.
- The fruit is oblong in shape with light green rind and weighs about 10-16 kgs.
- It has deep red flesh.
- Maturity time 55-60 days.
- It is ideal for fresh market.
- It is sweet juicy and crunchy.
- It is tolerant to Fusarium races 1 and 3 and anthracnose.
- It has high brix, few seeds, compact fruit and resists sunburn.
- The fruit is strong thus good storage and transportation abilities.

LEEK: GIANT CARENTAN

Description
- Shaft colour: white with light green to the top.
- Excellent for fresh market.
- Mild in flavour.
- Shaft length: are 15cm-18cm
- Shaft diameter: is 3 - 3.5 cm.
- Maturity period is 90 days.
- Leaf colour: blue - green
- Leaf habit: erect - fan type
- Plant size: medium
- Frost tolerance: medium
- Generally acceptable disease tolerance.
- Recommended plant population of 200 - 250 000 pl/ha is optimal

CARROT: NANTES IMPROVED

Description
- Coreless and early maturing.
- Flesh is natural sheen, deep orange colour.
- Root is tapered, cylindrical, smooth and fairly long.
- Yield potential is up to 12-36 tonnes/acre
- Matures in 90-120 days.
- High yielding

SQUASH/COURGETTE: BLACK BEAUTY

Description
- Grows best in warm areas with light well drained soils
- It is a directly planted crop
- It is an open pollinated variety
- It is early maturing

CABBAGE COPENHAGEN

Description
- Medium early maturity
- Small to medium head
- Round and light green head recommended for cool season

OKRA: PUSA SAWANI

SQUASH: BUTTERNUT

CHARLESTON GREY

LEEK: GIANT CARENTAN

CARROT: NANTES IMPROVED

SQUASH/COURGETTE: BLACK BEAUTY

CABBAGE COPENHAGEN
OPEN POLLINATED VEGETABLE VARIETIES

BEETROOT: RED DETROIT

**Description**
- This variety is grown for its roots and leaves.
- Does well in relatively cool areas.
- Has a red globular root.
- Matures in 75-90 days.
- Is gaining popularity with nutritionists.

SWISS CHARDE: FORD HOOK GIANT

**Description**
- This is an old and popular leafy vegetable variety.
- It is well adapted and thus can grow in a wide range of environments.
- It is resistant to black rot and diamond black moth.
- It is very popular in the local market.
- It has a long harvesting period depending on the amount of nutrients supplied and field hygiene practiced.
- The leaves are long and broad.

KALE: THOUSAND HEADED

**Description**
- This is a continuous growing and hardy crop that is tolerant to cold temperatures.
- It has a thick stem with big leaves that are dark green, smooth and attractive.
- It matures between 90-100 days.
- Variety is continuously growing and can stay in the field for a longtime, therefore giving a higher production.
- Can also be used as fodder for animals.
- Easily digestible.
- Easy to cook.

EGG PLANT: BLACK BEAUTY

**Description**
- Grows best in hot areas.
- Has white flesh.
- Keeps well after picking.
- Hardy Crop.
- Can be sold in the export and local market.
- Good shelf life.

RELATIVE MATURITY: 75 days
COLOR: Glossy purple to almost black
SHAPE: Round

COLLARD: SOUTHERN GEORGIA

**Description**
- It is a very popular seed variety grown across Africa.
- It has been developed to give high yields while holding up to six months before flowering thus profitable to the farmer.
- The leaves are well flavored and easy to cook.
- Very popular in the local market.
- Variety is adapted to hot areas that means it can do well in most parts of Kenya.
- It is hardy and resistant to heat and black rot.
**INDEX FOR RESISTANCES**

**Fob:** Fusarium wilt

### BASIL

#### Leaf Attributes
- Medium size: 5-6cm (2-2.5”)
- Excellent light green color
- Spoon type shape
- Smooth texture
- Delicate taste
- Pleasant Aroma

#### Resistances
- Fob
- Bolting

#### Plant Attributes
- Productive, vigorous vegetation
- 50-60cm (20-24”)
- Compact growth habit
- Good for container production
- Multi harvest
- Early productive stand
- Indoor and open field production

---

#### AROMA 2

### Leaf Attributes
- Medium size: 5-6cm (2-2.5”)
- Excellent light green color
- Spoon type shape
- Smooth texture
- Delicate taste
- Pleasant Aroma

### Resistances
- Fob
- Bolting

### Plant Attributes
- Productive, vigorous vegetation
- 50-60cm (20-24”)
- Compact growth habit
- Good for container production
- Multi harvest
- Early productive stand
- Indoor and open field production

---

#### AROMA 4

### Leaf Attributes
- Compact growth habit
- Strong plant with heavier/thicker branches
- Broad, glossy and dark green leaves
- Higher yield

### Resistances
- Downey mildew
- Fob
- Bolting
**CHIVES**

**CHIVES PRAGUE IMPROVED**

**Description**
- Very fine blades
- Vigorous and upright growth
- Excellent for fresh market
- Dark green selection

**CHIVES POLYSTAR**

**Description**
- Medium coarse with dark green leaves
- Fast growing, good regenerative capability
- Leaf tips remain green for a long time
- Very robust and high yielding
- Tolerant to Downey mildew
- Tolerant to cold temperatures

**OREGANO**

**ZATAAR**

**Leaf Attributes**
- Soft oval green leaves
- Sharp Oregano aroma and flavour
- Classic Tymol type essential oils: 22.4% Carvacrol & 50.3% Tymol
- Used for centuries in the Mediterranean as culinary and medicinal herb

**Plant Attributes**
- Perennial bushy, evergreen crop
- Semi-upright growing habit
- Very hardy
- Radial size: 40X40cm. (16X60")
- Harvest height: 15–20cm. (6X8")
- Miniature white edible flowers
- Thousand seed weight: 0.22gr.

**Maturity:**
90–95 days from planting to harvest

**ROCKET**

**WILD ROCKET**

**Roma**
- Robust and very dark leaves with strongly serrated leaves.
- Considerably long shelf life.
- Dark green in colour.
- Intensive flavour.

**SALAD ROCKET**

**Speedy**
- Serrated leaf shape of wild rocket.
- Very quick growth
- Approximately 25-30 cm high
DILL

**COMMON**

Description
- Up to 100cm high.
- Fresh green leaves

**DUKAT**

Description
- Has very strong and faster growth.
- Has upright growth habit
- Dark green leaves with high leaf mass.
- Has stronger aroma
- Tolerant to Bolting and tip burn

PARSELY

**SMOOTH PARSELY**

Laica
- Robust, flat-leaved parsley for cutting, dark green, intensively
- Aromatic with large leaves and strong stems.
- Very high yielding.
- Multi cut.
CORIANDER ATLAS

Description
- Very aromatic
- Multi cut - 3-4 times
- Very many leaves
- Not bolting
- Suitable for fresh market

AMERICAN LONG STANDING

Description
- Adaptable to various climatic conditions
- High content of essential oil
## OTHER HERBS

### SAGE

**Plant**
- Perennial bushy, very productive.
- Radial size: 50X50cm. (18X18")
- 80–90 days from planting to harvest

**Leaf**
- Color: green grey hairy leaves
- Size: elongated 5 - 7 cm long 1.5 cm wide
- Very aromatic with lemony slightly bitter fragrance

### THYME

**Plant**
- Small perennial bushy evergreen
- Very hardy
- Size: 25X25cm. (10X10")
- Flowers early summer
- Attractive small lilac flowers
- 90–95 days from planting to harvest

**Leaf**
- Minature elliptic miniature dark green leaves
- Superb aroma and flavor
- Used as culinary and medicinal herb

### CHERVIL

**Fijne Krul**
- Curled type, approx. 20 - 40 cm high

**Massa**
- Approx. 20-40 cm high

### LEMON BALM

**Description**
- Approximately 80 cm high.

### TARRAGON

**Tarragon, Russian**
- Approx. 100-150 cm high

### LOVAGE

**Description**
- Approximately 150 cm high.

### MARJORAM

**Description**
- Approximately 40 cm high.

### PEPPERMINT

**Description**
- Approximately 30 cm high.

### BORAGE

**Description**
- Approximately 30-80 cm high.

### ROSEMARY

**Description**
- Approximately 20-120 cm high,
  - Perrenial.
XTEND SHELF LIFE BAGS

Active bag keeps fresh fruits, vegetables and herbs fresher for long by preventing the onset of decay. Amiran Acive Bag’s exclusive technology ensures food products retain that freshly picked flavour for a long time period. This smart flexible packaging solution preserves freshness and prevents spoilage, substantiably increasing the storage and shelf-life of produce.

WHY USE XTEND SHELF LIFE BAGS

**Extends shelf-life**
- Significantly extending the shelf life of your fresh produce (Between 100%- 1000% even more.)

**Molecularly Absorbs and removes gases**
- Remove molecules that damage the specific fresh produce.
- Most of the fresh produce release gases as they ripen.
- Exposure of the produce to these gasses accelerates ripening and deterioration.

**18 DAYS WITHOUT AB**
- 

**18 DAYS WITH AB**
- 

**Reduce pathogenic & fungicide growth**
- Inhibit pathogenic growth such as salmonella and E. coli, as well as fungicide growth

**Increases profits**
- Enables the sale off-season produce, with better prices due to enhanced quality.

**Reduces costs and money lost**
- Allows transportation by sea or land (instead of air freight) and decreases insurance cost.
- Allows more flexibility in storage time.

**Internal gases enrichment system**
- Constant release of needed gases to create better incubation conditions inside the bags.

---

36 | SEEDS CATALOGUE
XTEND SHELF LIFE BAGS

Decreases waste
- Less spoilage of fruit, vegetables, and fresh-cut produce

Prevents weight loss
Prevents stress from the fresh produce that can cause:
- High sensitivity to mold problems.
- Off-flavoring.
- Discoloring.
- Aroma loss.

Moisture Control system
Prevents produce from rotting by Water Transfer Molecules that are inside the film and have a good water transfer ability.

Prevent chilling or heat injuries
- Protects the fresh produce from random changing in the storage temperatures.

Types of Xtend Bags Available

<table>
<thead>
<tr>
<th>XTEND BAGS</th>
<th>PRODUCT PACKED</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>xtend bags green line</td>
<td>Basil</td>
<td>1Kg</td>
</tr>
<tr>
<td>xtend bags white line</td>
<td>Mint, coriander</td>
<td>1Kg</td>
</tr>
<tr>
<td>xtend bags black line</td>
<td>Chives</td>
<td>1Kg</td>
</tr>
<tr>
<td>xtend bags red line</td>
<td>Rosemary</td>
<td>5Kg</td>
</tr>
<tr>
<td>Knapsack Sprayer</td>
<td>-</td>
<td>16L</td>
</tr>
<tr>
<td>Banana Bags</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>
DESCRIPTION
• Determinate hybrid variety
• Early maturity
• Open field production
• Excellent bush plant with high leaves coverage

SHAPE: Oval

WEIGHT (Gr): 140 - 160 / fruit

RESISTANCES*
• Tomato yellow leaf curl virus
• Verticillium wilt
• Fusarium wilt (race 1,2)
• Bacterial speck
• Nematodes
• Tomato spotted wilt virus

SHANTY F1
MY CHOICE FOR SUCCESS
EXCELLENT RED COLOUR
EXTENDED SHELF LIFE WITH GOOD FRUIT FIRMNESS
ADAPTABLE FOR DIFFERENT STRESS CONDITIONS
MARKETABLE FRUIT SIZE
HIGH YIELDING
HIGH FRUIT UNIFORMITY
# VEGETABLES

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Planting Method</th>
<th>Weight</th>
<th>Yield</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beet root</td>
<td>Direct sowing/</td>
<td>4-5kg</td>
<td>40-60</td>
<td>55 to 65 days</td>
</tr>
<tr>
<td></td>
<td>Transplanting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Broccoli</td>
<td>Transplanting</td>
<td>100-150g</td>
<td>250-300</td>
<td>65 to 70 days</td>
</tr>
<tr>
<td>Bulb Onion</td>
<td>Transplanting</td>
<td>1-1.5kg</td>
<td>250-400</td>
<td>80 to 110 days</td>
</tr>
<tr>
<td>Bunching Onion</td>
<td>Direct sowing</td>
<td>3-4 kg</td>
<td>250-400</td>
<td>90 to 120 days</td>
</tr>
<tr>
<td>Butternut</td>
<td>Direct sowing/</td>
<td>500-800g</td>
<td>8-15</td>
<td>90 to 105 days</td>
</tr>
<tr>
<td></td>
<td>Transplanting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cabbage</td>
<td>Transplanting</td>
<td>100-150g</td>
<td>250-300</td>
<td>75 to 90 days</td>
</tr>
<tr>
<td>Carrot</td>
<td>Direct sowing</td>
<td>1.6-2kg</td>
<td>900-1000</td>
<td>110 to 120 days</td>
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<tr>
<td>Cauliflower</td>
<td>Transplanting</td>
<td>100-150g</td>
<td>250-300</td>
<td>75 to 85 days</td>
</tr>
<tr>
<td>Courgette/Zucchini</td>
<td>Direct sowing/</td>
<td>200-250g</td>
<td>8-15</td>
<td>45 to 60 days</td>
</tr>
<tr>
<td></td>
<td>Transplanting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collards</td>
<td>Transplanting</td>
<td>1-1.5kg</td>
<td>250-300</td>
<td>60 to 65 days</td>
</tr>
<tr>
<td>Cucumber</td>
<td>Direct sowing/</td>
<td>1.5-2kg</td>
<td>30-45</td>
<td>45 to 50 days</td>
</tr>
<tr>
<td></td>
<td>Transplanting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eggplant</td>
<td>Transplanting</td>
<td>100g</td>
<td>200-250</td>
<td>85 to 90 days</td>
</tr>
<tr>
<td>Kale</td>
<td>Transplanting</td>
<td>1-1.5kg</td>
<td>250-300</td>
<td>60 to 65 days</td>
</tr>
<tr>
<td>Leek</td>
<td>Direct sowing/</td>
<td>1-1.5kg</td>
<td>300-350</td>
<td>110 to 120 days</td>
</tr>
<tr>
<td></td>
<td>Transplanting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lettuce</td>
<td>Transplanting</td>
<td>300g</td>
<td>800-900</td>
<td>45 to 55 days</td>
</tr>
<tr>
<td>Okra</td>
<td>Direct sowing</td>
<td>4kg</td>
<td>15-25</td>
<td>75 to 80 days</td>
</tr>
<tr>
<td>Swisschard/Spinach</td>
<td>Transplanting</td>
<td>3.5kg</td>
<td>80-100</td>
<td>60 to 65 days</td>
</tr>
<tr>
<td>Sweet pepper</td>
<td>Transplanting</td>
<td>200g</td>
<td>150-200</td>
<td>75 to 85 days</td>
</tr>
<tr>
<td>Tomato (open field)</td>
<td>Transplanting</td>
<td>50g</td>
<td>250-400</td>
<td>75 to 80 days</td>
</tr>
<tr>
<td>Watermelon</td>
<td>Direct sowing/</td>
<td>500g</td>
<td>13-15</td>
<td>80 to 105 days</td>
</tr>
<tr>
<td></td>
<td>Transplanting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Beans</td>
<td>Direct sowing</td>
<td>12.5-25kg</td>
<td>4-8</td>
<td>58 to 60 days</td>
</tr>
<tr>
<td>Garden peas</td>
<td>Direct sowing</td>
<td>25-30kg</td>
<td>2-4</td>
<td>77 to 80 days</td>
</tr>
<tr>
<td>Crop/ Variety</td>
<td>No. of Seeds/ Gram</td>
<td>Seed Rate/ Acre</td>
<td>Planting Method</td>
<td>Average Maturity Days</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>Snow peas</td>
<td>2-4</td>
<td>25-30kg</td>
<td>Direct sowing</td>
<td>75 to 80 days</td>
</tr>
<tr>
<td>Sugar snaps peas</td>
<td>2-4</td>
<td>25-30kg</td>
<td>Direct sowing</td>
<td>76 to 80 days</td>
</tr>
<tr>
<td>Grasses (Mulato II &amp; Cayman)</td>
<td>2 - 2.5kg</td>
<td>Direct sowing</td>
<td>80 to 100 days</td>
<td></td>
</tr>
<tr>
<td>Cotton</td>
<td>10-13</td>
<td>4-6kg</td>
<td>Direct sowing</td>
<td>105 to 120 days</td>
</tr>
<tr>
<td>Herb</td>
<td>Days</td>
<td>Plants</td>
<td>Seed</td>
<td>Height</td>
</tr>
<tr>
<td>-----------------------</td>
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<td>--------</td>
</tr>
<tr>
<td>Chives</td>
<td>30</td>
<td>700</td>
<td>25</td>
<td>60</td>
</tr>
<tr>
<td>Basil</td>
<td>28</td>
<td>600</td>
<td>5</td>
<td>28</td>
</tr>
<tr>
<td>Taragon</td>
<td>90</td>
<td>3900</td>
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<td>48</td>
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<tr>
<td>Coriander</td>
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<tr>
<td>Chervil</td>
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<tr>
<td>Dill</td>
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<tr>
<td>Sage</td>
<td>75</td>
<td>100</td>
<td>3</td>
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<tr>
<td>Flat parsley</td>
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<td>40</td>
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<tr>
<td>Thyme</td>
<td>90</td>
<td>3000</td>
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<td>40</td>
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<tr>
<td>Oregano</td>
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<td>13000</td>
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<tr>
<td>Lovage</td>
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<td>300</td>
<td>10</td>
<td>40</td>
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<tr>
<td>Wild Rocket</td>
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<td>3800</td>
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<tr>
<td>Lemon balm Melisa</td>
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<td>1900</td>
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<tr>
<td>Marjoram</td>
<td>75</td>
<td>5000</td>
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<td>20</td>
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<tr>
<td>Mint</td>
<td>90</td>
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<tr>
<td>Peppermint</td>
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<td>Cuttings</td>
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<tr>
<td>Rosemary</td>
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</table>
NEPTUNE F1

MY CHOICE FOR SUCCESS

HIGH YIELDING
FIRM SHINING RED BULBS
GOOD PUNGENCY
GOOD FOR SALADS

RESISTANCES*
Pink root

SKIN
Red

SHAPE
Flattened globe

MATURITY PERIOD
3 - 3.5 months

MONTHS STORAGE
5 - 6
IMPORTANT NOTICE

The information contained herein presents average results of research and observations done by Amiran Kenya Ltd on varieties grown in optimal conditions. Appearance, traits (resistance/tolerance levels) and characteristics of actual yield, as well as varietal performance in a particular case and/or with the passage of time may be different due to numerous factors not in Amiran Kenya’s control such as environmental conditions, growing practices, genetic changes and developments and more. It is clarified that Amiran Kenya makes no representation and gives no warranty respecting the varieties or actual yield. Reference to sowing time, climate suitability etc. is not to be taken as advice or recommendation but merely as general information, the applicability of which should be verified by the user independently. Pictures are for illustrative purposes only.
MARIDADI F1
MY CHOICE FOR SUCCESS

EARLY MATURING
UNIFORM FRUIT SIZE AND SHAPE
HIGH MARKETABLE YIELD
WEIGHS 8-10 KGS