# The Syngenta Potato Spray Programme

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FOREWORD

This Potato variety catalogue is the third after the 2015 and 2013 editions. The 2017 edition has 19 new potato varieties that were released after the 2015 edition. It also has 7 additional Seed Potato producers.

The Potato Variety catalogue describes potato varieties in terms of variety use, tuber features, maturity period, yields, disease and pest resistance. A brief description of the growth characteristics has also been provided. Using the details provided, it is easy to identify each variety targeting specific market. It also has the names and contacts of seed potato merchants and out growers, which helps farmers, know where to source seed potato.

This is an initiative aimed at enhancing awareness about the released varieties and helping create linkages between the seed growers and ware potato farmers. The Potato Variety Catalogue is therefore, an important reference material for farmers and other market players.

It is expected that potato industry will highly benefit from the condensed variety information, helping improve access to high quality disease free seed potato. This will help enhance productivity, profitability, and market competitiveness of the subsector, in line with the UN Sustainable Development Goals (SDGs), Vision 2030 and ASDS (2009-2020).

The development and distribution of this catalogue could not have been possible without the financial and technical support from our partners who include the Ministry of Agriculture, Livestock and Fisheries, German Cooperation (GIZ), Kenya- Netherlands Seed Potato Development Project, Kenya Agricultural and Livestock Research Organization (KALRO NPRC), Kenya Plant Health Inspectorate Service, (KEPHIS), International Potato Center (CIP), International Fertilizer Development Center (IFDC), SNV the Netherlands Organization, Syngenta Foundation, Syngenta Company Limited and Feed the Future Kenya Accelerated Value Chain Development (AVCD) project, funded by USAID.

Wachira Kaguongo
Chief Executive Officer,
National Potato Council of Kenya
KEY PARTNERS IN DEVELOPMENT OF THE POTATO VARIETY CATALOGUE

Republic of Kenya

Ministry of Agriculture, Livestock and fisheries

Kingdom of the Netherlands

Republic of Kenya

Ministry of Agriculture, Livestock and fisheries
The National Potato Council of Kenya (NPCK) is a Public Private Partnership (PPP) and a multi-stakeholder organization whose responsibility is to help plan, organize, and co-ordinate potato value chain activities and develop the subsector into a robust, competitive, and self-regulating industry. The Potato Council organizational structure enables it to draw synergies from a wide membership, representing all stakeholders and actors in the potato industry.

**NPCK VISION STATEMENT**

Potato industry is a leading contributor to increased incomes, food security, and improved welfare in Kenya

**NPCK MISSION STATEMENT**

Coordinate potato sub-sector stakeholders towards development of potato industry’s profitability and livelihoods improvement.

**NPCK OBJECTIVES**

*The NPCK Strategic Plan is anchored on six objectives:*

1. To contribute in creating an enabling environment for effective and efficient potato value chains for growth and development of a self-regulating potato industry.
2. To help build a cohesive potato industry in order to promote synergies and minimize duplication for efficient use of resources through enhanced public private partnership
3. To promote best practices for quality standards, improved yields and enhanced value addition in order to thrive in local, regional, and global markets.
4. To create a platform for information management and capacity building for the various potato value chain actors.
5. To mobilize and effectively manage resources for the growth and stability of the organization and prosperity of the industry.
6. To identify and mainstream crosscutting and emerging issues within the potato industry.
NPCK SERVICES

1. Collect, process and disseminate subsector information
2. Provide an avenue for creating awareness about partners’ products and services through NPCK website and publications
3. Offer a platform for networking and business engagements through annual National Potato Conference and trade fair, County trade fairs in potato producing zones, and biannual stakeholders meetings
4. Facilitate development of standardized branded seed and ware potato packaging bags for use by farmers and traders for quality adherence
5. Facilitate market linkages between Potato farmers and the market outlets and between seed producers and ware potato farmers.
6. Inform policy formulation for the subsector, promote adherence to regulations and adoption of good agricultural practices
7. Lobby and advocacy for supportive policy and legal framework
8. Consultancy services along the potato value chain
9. Training and capacity building of farmers, farmer cooperatives and farmer associations
10. Act as a National platform for planning, organizing, and coordination of all subsector activities

NPCK MEMBERSHIP

NPCK draws synergies from a wide membership representing all stakeholders and actors in the industry who include: Farmers, Researchers (National and international), Public institutions, Extension providers, seed producers, Traders, Processors, Regulatory agencies, Financial service providers, input providers, Ministry of Agriculture for National and County governments, Development partners and other actors and players.

NPCK has three Membership categories; Gold, Silver and Bronze that allows engagement, services and benefits at different levels.

For more details about membership, please follow the link: www.npck.org
ECOLOGICAL REQUIREMENTS

Potato growing areas: There are 13 major potato-producing counties which are: Meru, Nyeri, Nyandarua, Kiambu, Taita-Taveta, Nakuru, Narok, Bomet, Elgeyo-Marakwet, Trans-Nzoia, Bungoma, Uasin-Gishu and West Pokot; Other potato producing counties include Kisii, Nyamira, Kirinyaga, Muranga, Baringo, Nandi, Laikipia and Kericho. Other upcoming potential potato producing counties (mainly in the hilly masses) include Machakos, Maukeni, Embu, Kajiado, Tharaka Nithi, Samburu, Kwale and Nairobi.

Altitude: Traditionally grown between 1500 to 3000 metres Above Sea Level (m.a.s.l). However, some new varieties can still do well in altitude below 1500 m.a.s.l.

Soil types: Ideal soils for potatoes vary within the counties but usually loam soils (silt loam; clay loam with adequate organic content, well-draining to light soils) are suitable. Suitable soil pH ranges from 5.5-7.0. Ideal soil pH 5.5

Temperature: Mean daily temperature range from 15-24(oC)

Annual rainfall: Mean Rainfall (mm) 1200-1800mm

DEFINITION OF WORDS

1. Intensive Management- the crop has been grown using high quality seed, has adequate water and nutrients and has grown under good agronomical practices

2. Conventional Management- The crop has been grown under farmer growing management practices

3. Table Variety- Can be used for mashing, roasting, boiling, baking and stew

VARIETY CHARACTERISTICS:

The following agricultural characteristics are specified for each variety:
- Use
- Areas to be grown
- Maturity
- Yield
- Tubers features
- Tuber dormancy
- Plant description
- Disease resistance/ Tolerance
### Table 1: Summary of the major attributes

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<th>VARIETY</th>
<th>USAGE</th>
<th>ALTITUDE RANGE</th>
<th>MATURETY</th>
<th>YIELD</th>
<th>TUBER CHARACTERISTICS</th>
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<th>Yield</th>
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**Key**

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<td>Late (&gt;6 months)</td>
<td>High</td>
<td>Low</td>
<td>Information Not Available</td>
<td>Resistant</td>
</tr>
<tr>
<td></td>
<td>S</td>
<td>Y</td>
<td>S</td>
<td>Y</td>
<td>M</td>
<td>N/A</td>
<td>Y</td>
</tr>
</tbody>
</table>

**Note:**

1. All varieties are susceptible to Bacterial Wilt (*Ralstonia Solanacearum*)
2. Indications for attributes are based on trials in the country of origin. However, In Kenya, performance trials have been done under both intensive and conventional management. Also not all varieties perform equally and performance may vary in different Counties; hence, farmers need to try small units before full production of any new variety.
**Table 2: Seed Potato producers and varieties**

<table>
<thead>
<tr>
<th>Name</th>
<th>Country/County</th>
<th>Contacts</th>
<th>Varieties</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADC-Molo</td>
<td>Nakuru</td>
<td>0721-202565 <a href="mailto:adcsmolo@gmail.com">adcsmolo@gmail.com</a></td>
<td>Shangi, Sherekea, Dutch Robijn, Kenya Karibu, Kenya Mpya, Asante, Desiree, Kenya Mavuno, Kenya Sifa and Tigoni</td>
</tr>
<tr>
<td>Agrico East Africa</td>
<td>Nairobi</td>
<td>0722-206179 <a href="mailto:info@agrico.co.ke">info@agrico.co.ke</a></td>
<td>Markies, Arnova, Rudolph, Destiny, Ambition, Arizona, Manitou, Toluca, Saviola, Faluka, Carolus, Kuroda and Zafira</td>
</tr>
<tr>
<td>Den Hartigh</td>
<td>The Netherlands</td>
<td><a href="mailto:Br.krijger@denhartigh-potato.nl">Br.krijger@denhartigh-potato.nl</a></td>
<td>Connect and Caruso</td>
</tr>
<tr>
<td>Gen-Biotech Ltd</td>
<td>Kajiado</td>
<td>0739532993</td>
<td>Shangi</td>
</tr>
<tr>
<td>Grace Rono</td>
<td>Trans Nzoia</td>
<td>0722460326</td>
<td>Shangi</td>
</tr>
<tr>
<td>GTIL (Apical cuttings and Minituber Only)</td>
<td>Nairobi</td>
<td>0722 662037 <a href="mailto:kae@africaonline.co.ke">kae@africaonline.co.ke</a></td>
<td>Konjo, Dutch Robijn, Unica and Shangi</td>
</tr>
<tr>
<td>Julius Kandie</td>
<td>Trans Nzoia</td>
<td>0720 874 576</td>
<td>Dutch Robijn</td>
</tr>
<tr>
<td>KALRO-Tigoni</td>
<td>Kiambu</td>
<td>0733834675/0727031783 <a href="mailto:kalro.tigoni@kalro.org">kalro.tigoni@kalro.org</a></td>
<td>Shangi, Tigoni, Unica, Kenya Karibu, Annet, Sherekea, Kenya Mavuno, Dutch Robijn, Wanjiku, Chulu, Nyota, and Lenana</td>
</tr>
<tr>
<td>Danespo</td>
<td>The Netherlands</td>
<td>Kenyan Highlands Seeds <a href="mailto:peter.francome@khs.co.ke">peter.francome@khs.co.ke</a></td>
<td>Royal and Sarpo Mira</td>
</tr>
<tr>
<td>Kisima Farm/HZPCHollandB.V</td>
<td>Meru</td>
<td>0716-968766 <a href="mailto:kibet@kisima.co.ke">kibet@kisima.co.ke</a></td>
<td>Asante, Sherekea, Sagitta, Taurus, Challenger, Panamera, Unica, Dutch robijn, Konjo and Voyager</td>
</tr>
<tr>
<td>Leah Rono</td>
<td>Nandi</td>
<td>0727 566988</td>
<td>Dutch Robijn</td>
</tr>
<tr>
<td>Savannah Fresh Hort. Farmers’ Cooperative Society Ltd.</td>
<td>Meru</td>
<td>0721289617/ 0708347959</td>
<td>Dutch Robijn and Shangi</td>
</tr>
<tr>
<td>Starlight Cooperative society</td>
<td>Nakuru</td>
<td>0721109200</td>
<td>Shangi and Sherekea</td>
</tr>
<tr>
<td>Suera Farm /C. MeijerB.V</td>
<td>Nyandarua</td>
<td>Susan Mureithi - 0706-186579 <a href="mailto:Suera.flowers@gmail.com">Suera.flowers@gmail.com</a></td>
<td>Musica, Acoustic and Lady Amarilla</td>
</tr>
<tr>
<td>Singus Enterprises</td>
<td>Nakuru</td>
<td>Ann Mbugua - 0722691245, <a href="mailto:mbuguanjeri@gmail.com">mbuguanjeri@gmail.com</a></td>
<td>Shangi and Sherekea</td>
</tr>
<tr>
<td>Syngenta E.A Ltd/EuroPlant AardappelB.V/Charvi Investment</td>
<td>Nairobi</td>
<td>0703-018000/0703019000 <a href="mailto:syngenta.east_afric@sygenta.com">syngenta.east_afric@sygenta.com</a></td>
<td>Jelly, Rumba, Milva and Laura</td>
</tr>
<tr>
<td>Stet Holland B.V</td>
<td>The Netherlands</td>
<td>HoltslagHenk- <a href="mailto:Henk.Holtslag@stetpotato.com">Henk.Holtslag@stetpotato.com</a>&gt;</td>
<td>El Mundo</td>
</tr>
</tbody>
</table>

*List as at July 2017*
### ACOUSTIC

<table>
<thead>
<tr>
<th><strong>Use</strong></th>
<th>Table, firm cooking, Excellent taste</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Areas to be grown</strong></td>
<td>Suitable for all potato growing regions</td>
</tr>
<tr>
<td><strong>Maturity</strong></td>
<td>Medium (3-4 Months)</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>High (&gt;40 tons/ha) under intensive management</td>
</tr>
<tr>
<td><strong>Tuber features</strong></td>
<td>Round oval tubers, uniform in grading</td>
</tr>
<tr>
<td></td>
<td>Light yellow skin</td>
</tr>
<tr>
<td></td>
<td>Shallow eyes</td>
</tr>
<tr>
<td></td>
<td>Light yellow flesh, good bruising resistance</td>
</tr>
<tr>
<td><strong>Tuber dormancy</strong></td>
<td>Medium (1-2 Months)</td>
</tr>
<tr>
<td><strong>Dry Matter</strong></td>
<td>18%</td>
</tr>
<tr>
<td><strong>Plant description</strong></td>
<td>Acoustic is in height a medium variety with spreading stems, not a totally covered foliage. Leaves are light green in color. It exhibits presence of lightly flowering pink to light purple flowers.</td>
</tr>
<tr>
<td><strong>Disease Resistance /Tolerance</strong></td>
<td>Acoustic has very high <em>phytophthora infestans</em> resistance medium resistance to PCN (Ro1 and Ro 2/3) and high resistance to wart disease.</td>
</tr>
</tbody>
</table>
**AMBITION**

**Use** : Table variety

**Areas to be grown** : Suitable for all potato growing regions

**Maturity** : Medium maturity (3-4 months)

**Yield** : High (> 40tons/ha)

**Tuber features** : Large, uniform, long oval tubers  
Shallow eyes  
White skin  
White flesh

**Tuber dormancy** : Short

**Plant description** : Ambition has good foliage development. It produces white flowers and is a good heat tolerant variety

**Disease Resistance** : Ambition has good resistance to *Fusarium* sp, *Erwinia* sp, Potato Cyst Nematode (PCN) Ro1 and 4 and Yntn-virus
## ANNET

<table>
<thead>
<tr>
<th>Use</th>
<th>Chips</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Table variety</td>
</tr>
<tr>
<td>Areas to be grown</td>
<td>Medium to high altitude of 1300-2000 m.a.s.l. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.</td>
</tr>
<tr>
<td>Maturity</td>
<td>Early (≤ 3 months)</td>
</tr>
<tr>
<td>Yield</td>
<td>Medium (30-35 tons/ha)</td>
</tr>
<tr>
<td>Tuber features</td>
<td>Round shaped</td>
</tr>
<tr>
<td></td>
<td>Deep eyes</td>
</tr>
<tr>
<td></td>
<td>Smooth yellow skin (red blotched)</td>
</tr>
<tr>
<td></td>
<td>Yellow flesh</td>
</tr>
<tr>
<td>Tuber dormancy</td>
<td>Long (2 months).</td>
</tr>
<tr>
<td>Plant Description</td>
<td>Annet is a semi erect tall variety (about 1 meter in height) with strong stems and light green medium sized leaves. It flowers moderately and the flowers are white.</td>
</tr>
<tr>
<td>Disease resistance/Tolerance</td>
<td>Annet is tolerant to Late blight.</td>
</tr>
</tbody>
</table>
**ARIZONA**

**Use**
- Chips
- Table variety
- Baking (good quality)

**Areas to be grown**
- Suitable for all potato-growing areas.

**Maturity**
- Medium maturity (3-4 Months)

**Yield**
- High (>40 tons/ha)

**Tubers features**
- Large, oval, tubers
  - Shallow eyes
  - Yellow skin
  - Yellow flesh

**Dry matter**
- 17.2%

**Tuber dormancy**
- Medium

**Plant description**
- Arizona exhibits good initial development. The plant produces white flowers. It is high yielding and should not be stored for too long before planting

**Disease resistance**
- Arizona has good resistance to Late blight and Viruses

/\Tolerance
## ARNOVA

| **Use** | Chips  
| Table variety  
| Firm in cooking; No traces of after cooking blackening |
| **Areas to be grown** | Suitable for all potato-growing areas |
| **Maturity** | Medium (3-4 Months) |
| **Yield** | High (>40 tons/ha) |
| **Tubers features** | Very large to large oval tubers  
| Yellow, smooth to medium smooth skin  
| Shallow eyes  
| Pale Yellow flesh  
| Good resistance to internal bruising |
| **Dry matter** | 18.2% |
| **Tuber dormancy** | Medium to long. |
| **Plant description** Arnova is a tall variety with semi-erect stems and medium to large light green leaves. It flowers profusely and the flowers are white. It has good heat tolerance. |
| **Disease resistance /Tolerance** Arnova is Fairly susceptible to Leaf blight and susceptible to Virus A, It is moderately resistant to Tuber blight, Virus Y^n, Potato Virus X, Common scab, Powdery scab and Y^n Virus. It has good resistance to Leaf Roll and is resistant to Ro1 of the Potato Cyst Nematode |
ASANTE

Use : Table variety

Areas to be grown : High altitude of ≥2300 m.a.s.l. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Meru, Nakuru, Bomet, Uasin Gishu, Trans-Nzoia, West Pokot and Cherangani hills

Maturity : Medium (3-4 months)
Yield : Medium to High (35-45 t/ha)
Tuber features : Round shaped
               Medium eyes
               Smooth Pink skin
               Pale yellow flesh

Tuber dormancy : Long (4-4.5 months)
Plant description : Asante is an erect tall variety (slightly below 1 metre in height) with strong stems and light green broad leaves. It flowers moderately and the lowers are pink

Disease resistance : Asante is tolerant to Late blight but can suffer late season infections.
Kisima Farm Ltd seed potatoes are Kenya’s best brand of seed potatoes. We supply high quality, certified seed potatoes that a farmer can expect increased yields.

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0716968766/ 0722509830
**CAROLUS**

| **Use** | Chips  
| Table variety |
| **Areas to be grown** | Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production. |
| **Maturity** | Medium (3-4 months) |
| **Yield** | High (>40 tons/ha) |
| **Tuber features** | Medium size oval tubers  
| Very shallow red eyes  
| Red partial colored skin  
| Light yellow |
| **Tuber dormancy** | Long |
| **Plant description** | Carolus is a tall erect plant with broad dark green leaves. It flowers moderately and the flowers are violet. |
| **Disease resistance /Tolerance** | Carolus is susceptible to PCN Ro 1, Ro 4 and Common scab. It has medium to high tolerance to Potato Leaf Roll Virus but immune to Foliage and Tuber blight and Virus Y\textsuperscript{n} and is quite resistant to Virus Y\textsuperscript{nntn}. |
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grimme@grimme.de · www.grimme.com
CARUSO

**Use**
- Crisps
- Chips
- Dehydrate products (Flakes and granulate) and has low sugar content and beautiful frying color.

**Areas to be grown**
- Suitable for all potato-growing areas

**Maturity**
- Medium (3-4 Months)

**Yield**
- Low to Medium (25-35 tons/ha)

**Tubers features**
- Short oval tubers
- Shallow eyes
- Yellow skin
- Light yellow flesh

**Tuber dormancy**
- Medium

**Dry matter content**
- 24-25%

**Plant description**
- Caruso is an intermediate variety type, high yielding main crop variety with low reducing sugar content.

**Disease resistance /Tolerance**
- Caruso is resistant to PCN Ro1 and 4, PVY, Leaf Roll and also highly resistant to Late blight, Tuber blight, Common scab and Internal rust spot.
CHALLENGER

**Use**
- Chips
- Table variety

**Areas to be grown**
- Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

**Maturity**
- Late (>4 months)

**Yield**
- High (>40 tons/ha)

**Tuber features**
- Long oval to long tubers
- Medium smooth bright yellow skin
- Shallow eye depth
- Light yellow flesh

**Tuber dormancy**
- Medium long

**Plant description**
- Challenger is a tall variety. It flowers profusely and the flowers are white.

**Disease resistance**
- Challenger has good resistance to Common and Powdery scab, medium resistant to Late blight, quite resistant to Early blight and resistant to wart disease.
CHULU

**Uses**

- Chips
- Crisp
- Table variety

**Areas to be grown**

Highland’s tropics 1500-3500Masl It does well in areas such as Meru, Kiambu, Molo, Narok, Bomet, Nyeri, Taveta, Thika and all regions suitable for potato production.

**Maturity**

Medium (3-4 Months)

**Yield**

High (>40tons /ha)

**Tuber features**

- Oblong shaped,
- White cream skin colour
- Shallow pinkish eyes
- Cream flesh

**Tuber dormancy**

Long (2.5-3 Months)

**Plant description**

Chulu is a medium tall potato plant with strong semi erect stems and dark green medium size leaves with white flowers. It is tolerant to heat

**Disease Resistance /Tolerance**

Chulu is tolerant to Late blight & Potato Virus X
CONNECT

**Use**
- Table Variety
- Chips
- A table potato with short cooking time, mealy and free of discoloration

**Areas to be grown**: Suitable for all potato-growing areas.

**Maturity**: Medium (3-4 Months)

**Yield**: High (>40 tons/ha)

**Tubers features**
- Large, round oval, tubers uniform in shape
- Yellow skin
- Very shallow eyes
- Yellow flesh color
- Good resistance to internal bruising

**Tuber dormancy**: Long dormancy.

**Plant description**: Connect is a tall plant with rapid development and with good ground cover. It has dark green leaves and it does not flower. It has good tolerance to drought

**Disease resistance**: Connect is resistant to Late blight and viruses /Tolerance
DERBY

**Uses**: Chips  
Crisps  
Table variety

**Areas to be grown**: Suitable for all potato-growing areas  
**Maturity**: Early (≤ 3 Months)  
**Yield**: High (> 40 tons/ha) under intensive management

**Tuber features**:  
Large oval  
Yellow skin  
Medium eyes  
Light yellow flesh

**Tuber Dormancy**: Short

**Plant description**: Derby is medium in height with leaf type foliage structure and semi-upright growth. The variety exhibits low frequency of flowers.

**Disease resistance /Tolerance**: Derby has good resistance to Late blight and Scab, It is resistant to PCN (*Globodera rostochiensis* species) and Wart disease *Fysio 1 and 2*
<table>
<thead>
<tr>
<th><strong>Use</strong></th>
<th>Chips Table variety</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Areas to be grown</strong></td>
<td>High altitude of 1800-2600 m.a.s.l. is the best. It does well in areas such as Kiambu, Nyandarua, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kwale, Kericho, Elgeyo Marakwet, Nandi, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.</td>
</tr>
<tr>
<td><strong>Maturity</strong></td>
<td>Early to Medium (2.5 -3.5 months)</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>Medium (35-40 tons/ha)</td>
</tr>
<tr>
<td><strong>Tubers Features</strong></td>
<td>Long oval Smooth red skin, Medium eyes Light yellow flesh</td>
</tr>
<tr>
<td><strong>Tuber dormancy</strong></td>
<td>Medium (≤ 2 months).</td>
</tr>
<tr>
<td><strong>Plant Description</strong></td>
<td>Desiree is an erect medium tall variety (about 0.7 meter in height) with strong stems and dark green medium sized leaves. It flowers scarcely and the flowers are light pink.</td>
</tr>
<tr>
<td><strong>Disease resistance /Tolerance</strong></td>
<td>Desiree is moderately tolerant to Potato Virus Y (PVY)</td>
</tr>
</tbody>
</table>
**DESTINY**

Use: Crisps  
Areas to be grown: Suitable for all potato-growing areas  
Maturity: Medium (3-4 Months)  
Yield: Medium (30 - 40 tons/ha),

Tuber features: High numbers of round/oval tubers  
Yellow skin  
Yellow flesh color  
Medium red eyes

Tuber dormancy: Medium dormancy  
Dry matter content: 23.7%  
Plant description: Destiny has good initial development, it has dark green leaves and light to dark purple flowers

Disease resistance/Tolerance: Destiny has good resistance to Potato Virus Y, Potato Virus X, PCN, Early blight and *Erwinia* sp.
DUTCH ROBIJN

Use: Crisps

Area to be grown: High altitude of 1800-2600 m.a.s.l. is the best. It does well in areas such as Kiambu, Nyandarua, Nyeri, Meru, Nakuru, Bomet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills. Best areas are Bomet County.

Maturity: Medium (3-4 months)

Yield: Low (≤ 30 tons/ha)

Tubers features:
- Round shaped
- Rough red skin
- Medium deep eyes
- Pale yellow flesh

Tuber dormancy: Long (3.5-4.5 months)

Plant Description: Dutch robijn is an erect medium tall variety (about 0.7 meter in height) with strong stems and dark green medium sized leaves. It flowers scarcely and the flowers are white with a light pink hue.

Disease resistance: Dutch Robijn is moderately resistant to Late blight.
**EL-MUNDO**

*Use*: Table variety

*Areas to be grown*: Suitable for all potato-growing areas.

*Maturity*: Late (>4 Months)

*Yield*: High (>40 tons/ha) under intense management.

*Tubers features*: Long oval, medium in size, uniform in shape

Yellow skin

Shallow eyes

Light yellow flesh

*Tuber dormancy*: Long

*Dry matter*: 18%

*Plant description*: El-mundo grows well and develops strong foliage and therefore, it should not be over fertilized. The use of organic manure is not recommended with this variety. It is tolerant to drought.

*Disease resistance*: El- Mundo has good resistance to Late blight and is resistant to PVY.
**EVORA**

**Use** : Table variety

**Areas to be grown** : Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

**Maturity** : Medium (3-4 Months)

**Yield** : High (>40 tons/ha)

**Tuber features** : Large oval tubers

Bright, smooth light yellow skin

Medium eyes

**Tuber dormancy** : Long

**Plant description** : Evora has high foliage development with high number of red violet flowers.

**Disease resistance** : Evora has medium resistance to Common and Powdery scab, Early blight and Late blight.
FALUKA

- **Use**: Table variety

- **Areas to be grown**: Suitable for all potato-growing areas.

- **Maturity**: Early (≤ 3 months)

- **Yield**: High (>40 tons/ha)

- **Tubers features**:
  - Large, long oval tubers, uniform in shape
  - Yellow skin
  - Shallow eyes
  - Cream flesh color
  - Good resistance to internal bruising

- **Tuber dormancy**: Medium dormancy

- **Dry matter content**: 17%

- **Plant description**:
  - Faluka is a tall variety with semi-erect stems. It has medium to large green leaves. It flowers profusely and the flowers are white. It has good heat tolerance.

- **Disease resistance / Tolerance**:
  - Faluka is susceptible to Leaf blight and Tuber blight; It has good resistance to Virus X and Virus Y, and is moderately resistant to Common scab.
JELLY

Use: Chips
Table variety
Very good table quality and excellent frying quality

Areas to be grown: Suitable for all potato-growing areas
Maturity: Late (>4 Months)
Yield: High (>40 tons/ha)
Tubers features: Oval medium to big sized tubers
Yellow, smooth to slightly netted skin
Very shallow eye depth
Pure yellow colored flesh; has low raw discoloration

Tuber dormancy: Medium
Plant description: Jelly is a tall variety with erect stems. Leaves are large and green in colour. It flowers scarcely and the flowers are white. It has high tolerance drought and heat.

Disease resistance: Tolerant to Late blight, Black leg, *Rhizoctonia*, Common scab, Bacterial wilt, Potato Virus Y (PVY), Cyst Nematodes and potato wart disease.
**KENYA BARAKA**

**Use**
- Table variety
- Chips

**Areas to be grown**
- High altitude of 1600-2700 m.a.s.l. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills

**Maturity**
- Medium (3 months)

**Yield**
- Medium (30-40 tons/ha)

**Tubers**
- Oval shaped
  - Rough white skin
  - Shallow eyes
  - White flesh

**Tuber dormancy**
- Long (3.5-4.5 months)

**Plant Description**
- Kenya Baraka is an erect tall variety (about 1 meter in height) with strong stems and green broad leaves. It flowers moderately and the flowers are white.

**Disease resistance**
- Kenya Baraka is tolerant to Late blight.

/Tolerance
SGS Kenya Limited,

Contact us

Contact us

SGS Kenya Limited,

T: +254 20 273 3664,
F: +254 20 273 3703/19
P.O. Box 72118, Nairobi 00200,
Kilimani Avenue, Upper Hill,
Victoria Towers, 2nd floor,

POTATO VARIETY CATALOGUE

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Crop Protection

• MRL testing on fresh produce
• Residue analysis/registration
• Fruits, vegetables, etc.
• Fruits, vegetables, etc.
• Pest risk analysis

Stock Monitoring Services

• Monitoring of commercial storage and transportation of agricultural products
• Treatment of products against insects and pests
• Treatment of packaging and containers
• Treatment of products against insects and pests

Stock Monitoring Services

• Monitoring of commercial storage and transportation of agricultural products
• Treatment of products against insects and pests
• Treatment of packaging and containers

Precision Farming and Soil Fertility Management

• GPS soil sampling
• Soil and leaf/tissue analysis
• Soil fertility correction and management
• Fertilizer testing and field fertilizer trials
• Irrigation water testing
• Precision farming support
• Consulting

Crop Protection

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• Fruits, vegetables, etc.
• Fruits, vegetables, etc.
• Pest risk analysis

Crop Protection

• MRL testing on fresh produce
• Residue analysis/registration
• Fruits, vegetables, etc.
• Fruits, vegetables, etc.
• Pest risk analysis

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• Fruits, vegetables, etc.
KENYA KARIBU

Use: Table variety
Crisps

Areas to be grown: Altitude of 1800-2600 m.a.s.l is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho and Cherangani hills.

Maturity: Medium (3-4 months)

Yield: Medium to High (35-45 tons/ha)

Tubers features: Round in shape
Smooth red skin
Deep eyes
Yellow flesh

Tuber dormancy: Long (3.5 Months)

Plant description: Kenya Karibu is an erect tall variety (slightly above 1 metre in height) with strong stems and dark green narrow pointed leaves. It flowers profusely and the flowers are pink.

Disease resistance: Kenya Karibu is tolerant to Late blight and most of the potato viruses.
KENYA MAVUNO

Use

: Chips
  Crisps
  Table variety

Areas to be grown

: High altitude of 1800-2800 m.a.s.l. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.

Maturity

: Late (>4 Months)

Yield

: Medium (30-40 tons/ha)

Tuber features

: Oval shaped
  Smooth cream skin
  Shallow eyes
  Cream flesh

Tuber dormancy

: Long (2.5-3 Months).

Plant description

: Kenya Mavuno is a semi erect tall variety (about 1 meter in height) with strong stems and green medium sized leaves. It flowers profusely and the flowers are white.

Disease resistance /

/Tolerance

: Kenya Mavuno is tolerant to Late blight and most potato virus
**KENYA MPYA**

**Use**
- Table variety
- Chips

**Areas to be grown**
Medium to high altitude of 1400-3000 m.a.s.l. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.

**Maturity**
- Medium (3-4 Months)

**Yield**
- Medium (35-45 tons/ha)

**Tuber features**
- Oval shaped tubers
- Smooth cream Skin
- Shallow pink eyes
- Cream flesh

**Tuber dormancy**
- Long (2.5-3 Months)

**Plant Description**
Kenya Mpya is a semi-erect tall variety (about 1 metre in height) with strong stems and light green medium-sized leaves. It flowers scarcely and the flowers are white.

**Disease resistance**
Kenya Mpya is resistant to Late blight.

/Tolerance
KENYA SIFA

Use
: Table variety
   Chips

Areas to be grown
: High altitude of 1800-2800 m.a.s.l. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Meru, Nakuru, Bomet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills

Maturity
: Medium (3-4 Months)

Yield
: Low (<30 tons/ha)

Tuber features
: Flat round in shape
   Smooth pink skin
   Medium deep eyes
   Cream flesh

Tuber dormancy
: Long dormancy (4-4.5 Months).

Plant description
: Kenya Sifa is an erect tall variety (slightly above 1 meter in height) with strong stems and dark green broad leaves. It flowers moderately and the flowers are light purple.

Disease resistance / Tolerance
: Kenya Sifa is tolerant to Late blight and most potato viruses.
**KERR’S PINK**

![Kerr's Pink Potatoes](image)

**Use**
- Chips
- Crisps
- Table variety

**Areas to be grown**
Medium to high altitude of 1400-2700 m.a.s.l. It does well in areas such as Nyandarua, Kiambu, Nyeri, Meru, Nakuru, Bomet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.

**Maturity**
- Early (≤ 3 Months)

**Yield**
- Low (< 30 tons/ha)

**Tuber features**
- Round shaped tubers
- Smooth pink skin
- Deep eyes
- Cream flesh

**Tuber dormancy:**
- Long (2-3 Months)

**Plant description**
Kerr’s Pink is a semi erect short variety (about 0.5 meter in height) with strong stems and dark green medium sized leaves. It flowers profusely and the flowers are white.

**Disease resistance:**
Kerr’s Pink is susceptible to Late blight.

/Tolerance
**KONJO**

- **Use**: Chips, Crisps, Table variety

- **Areas to be grown**: Highland’s tropics 1600-3500Masl. It does well in areas such as Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

- **Maturity**: Medium (3-4 Months)

- **Yield**: Medium (>40 tons/ha)

- **Tuber features**: Oblong shaped
  - White predominant and pink secondary skin color
  - Deep eyes
  - Cream Flesh

- **Tuber dormancy**: Long (2.5-3 Months)

- **Plant description**: Konjo is a medium tall potato plant with strong semi erect stems and dark green medium sizeleaves. It has pink flowers.

- **Disease resistance /Tolerance**: Konjo is resistant to Late blight and Potato Virus X (PVX). It is highly resistant to Potato Leaf Roll Virus (PLRV), moderately susceptible to Potato Virus Y (PVY) and to Root Knot Nematode (RKN).
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KURODA

Use
: Chips
   Table variety

Areas to be grown
: Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

Maturity
: Medium (3-4 Months)

Yield
: High (>40 ton/ha)

Tuber features
: Large oval tubers
   Red skin
   Shallow eyes
   Light yellow flesh

Tuber dormancy
: Long

Dry matter content
: 21%

Plant description
: Kuroda has normal initial plant development with good ground coverage. It is a semi erect high plant with large leaf size and purple flowers. The leaves are dark green. It has excellent heat tolerance.

Disease resistance/Tolerance
: Kuroda is resistant to PCN Ro 1 and 4, quite susceptible to Late blight (foliage and tuber) and quite resistant to Virus Y^n and Virus Y^ntn.
**LADY AMARILLA**

**Use**
- Chips
- Crisps
- Table

**Areas to be grown**
- Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

**Maturity**
- Medium (3-4 Months)

**Yield**
- High (>40 tons/ha)

**Tuber features**
- Long-to-long oval
- Yellow skin
- Shallow eye depth
- Deep yellow flesh

**Tuber dormancy**
- Long

**Plant description**
- Lady Amarilla is a medium tall variety with semi-erect stems. Leaves are large and light green to green in colour. It flowers scarcely and the flowers are white.

**Disease resistance**
- Lady Amarilla has good resistance to PCN Ro 1 and 4, PVY<sub>ntn</sub> and PVY<sub>A</sub> and X. It has moderate resistance to Common scab and susceptible to Foliage blight.
LAURA

**Use**
: Chips

**Areas to be grown**
: Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

**Maturity**
: Medium (3-4 months)

**Yield**
: High (>40tons/ha) under intensive management

**Tuber features**
: Oval-long tubers
  Red smooth skin,
  Shallow eyes
  Deep yellow flesh

**Tuber dormancy**
: Long

**Plant description**
: Laura is a medium to high plant. Its flowers are white with moderate flowering frequency. The variety has good resistance to heat and drought.

**Disease resistance /Tolerance**
: Laura is resistant to PCN- Ro 1-5, has high resistance to Potato Leaf Roll Virus, Very high resistance to Potato Virus Y(PVY), medium to high resistance to Tuber blight and Common scab and medium resistance to Foliage blight.
**LENANA**

**Uses**: Chips, Crisps

**Areas to be grown**: Highland’s tropics 1,500-3,500 Masl. It does well in areas such as Meru, Tigon, Molo, Narok, Bomet, Timboroa, Marakwet and all regions suitable for potato production.

**Maturity**: Medium (3-4 months)

**Yield**: High (>40 tons/ha)

**Tuber features**: Oblong shaped,
Cream white skin colour
Shallow eyes
Cream flesh

**Tuber dormancy**: Long (2.5-3 Months)

**Plant description**: Lenana is a medium tall potato plant with strong semi erect stems and dark green medium size with white flowers.

**Disease Resistance**: Lenana is tolerant to Late blight, Potato Virus X & Potato Leaf Roll Virus
MANITOU

Use
: Chips
Table variety

Areas to be grown
: Suitable for all growing regions

Maturity
: Medium (3-4 Months)

Yield
: High (>40 tons/ha).

Tuber features
: Oval to long oval tuber (uniform in grading),
Red smooth skin
Shallow eyes
Pale yellow flesh
Good resistance to internal bruising.

Tuber dormancy
: Medium dormancy

Dry matter content
: 20%

Plant description
: Manitou is a tall variety with erect to semi-erect stems. Leaves are large and light to green in colour. It flowers profusely and the flowers are violet.

Disease resistance/Tolerance
: Manitou is susceptible to Leaf blight, has good resistance to Tuber blight and Virus Yn, moderate resistance to Virus X and Common scab, resistant to Ro1 of the Potato Cyst Nematode and immune to wart disease.
**MARKIES**

**Use**
- Chips
- Crisps

**Areas to be grown**
- Suitable for all growing regions

**Maturity**
- Late (>4 Months)

**Yield**
- High (40 tons/ha)

**Tubers features**
- Large, oval to long oval tubers, uniform in shape
- White skin
- Shallow eyes
- Cream flesh
- Good resistance to internal bruising

**Tuber dormancy**
- Long dormancy

**Plant description**
- Markies is an erect tall variety with large green flowers are white. The variety has good heat tolerance

**Disease resistance / Tolerance**
- Markies has fairly good resistance to Leaf blight, Tuber blight and Virus Y, moderate resistance to Leaf Roll, good resistance to Virus A and Virus X, resistant to Ro1 of the Potato Cyst Nematode, Fairly susceptible to Common scab.
MAYAN GOLD

**Use**
- Chips
- Table Variety

**Areas to be grown**
- Medium and high altitude of 1500≥ m.a.s.l.
  It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.

**Maturity**
- Medium (3-4 Months)

**Yield**
- Low (<30 tons/ha)

**Tubers features**
- Long oval tubers
- Rough yellow skin
- Medium eyes
- Yellow flesh

**Tuber dormancy**
- Long (2 Months)

**Plant description**
- Mayan Gold is a semi erect medium variety (about 0.6 meter in height) with strong stems and light green narrow leaves.
- It flowers moderately and the flowers are purple.

**Disease resistance /Tolerance**
- Mayan Gold is moderately resistant to Late blight, Potato Virus Y (PVY) and Potato Leaf Roll Virus (PLRV)
**MILVA**

**Use** : Table Variety

**Areas to be grown** : Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

**Maturity** : Medium (3-4 Months)

**Yield** : High (>40 tons/ha) under intensive management

**Tuber features** : Oval tubers
Yellow smooth skin, seldom slightly netted
Shallow eyes
Pure yellow flesh

**Tuber dormancy** : Long

**Plant description** : Milva has a medium plant height. It flowers moderately and the flowers are white. The variety has good tolerance to heat and drought

**Disease resistance** : Milva has high resistance to PCN- Ro 1 and 4, medium to high resistance to Potato Leaf Roll Virus and high resistance to Late blight, Black leg and Common scab.
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Agrico East Africa has 13 approved seed varieties in the Kenyan market, all high quality high yielding seed potato varieties originating from Holland. A selection of our top-performers in Kenya:

<table>
<thead>
<tr>
<th>Variety</th>
<th>Maturing</th>
<th>Main Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Destiny</td>
<td>Early variety (±90 days)</td>
<td>Early maincrop suitable as a crisping and ware variety with a good yield and a good heat tolerance.</td>
</tr>
<tr>
<td>Manitou</td>
<td>Early variety (±90 days)</td>
<td>Maincrop ware variety with an attractive red skin, a high yield and very suitable for home fries.</td>
</tr>
<tr>
<td>Markies</td>
<td>Late variety (±100 days)</td>
<td>High-yielding all-round late maincrop variety for fresh fries, crisping, fast food (QSR market) and fresh consumption.</td>
</tr>
<tr>
<td>Rudolph</td>
<td>Midseason variety (±95 days)</td>
<td>A maincrop ware variety with an attractive red skin, a good heat tolerance and a very high yield.</td>
</tr>
</tbody>
</table>

Agrico East Africa
Contact us on email: info@agrico.co.ke, www.agrico.nl
Tel: +254 20 354 0568 / +254 20 2400 879 / +254 722 206 179
Offices at Baba Dogo Road, Ruaraka, Nairobi
MUSICA

Use
: Chips
  Table variety
  Has an excellent taste

Areas to be grown
: Suitable for all growing regions

Maturity
: Late (>4 Months)

Yield
: High (>40 tons/ha) under intensive management

Tubers features
: Large long oval tubers, Uniform in grading
  Yellow, smooth to medium smooth skin
  Shallow eyes
  Deep yellow flesh
  Good resistance to internal bruising

Tuber dormancy
: Short

Dry matter
: 19%

Plant description
: Musica is a medium to tall variety with semi-erect spreading stems. Leaves are light green in colour. It exhibits absence or very low flowering frequency. The flowers are white.

Disease resistance/Tolerance
: Musica is susceptible to Leaf blight, good resistance to Potato Virus X, Virus Y, and Common scab, immune to wart disease, resistant to Ro1 and Ro2 and 3 of the Potato Cyst Nematode.
NYOTA

Uses : Table variety

Areas to be grown : Highland’s tropics 1500-3500Masl. It does well in areas such as Meru, Limuru, Molo, Narok, Bomet, Marakwet, Nandi, Meru and all regions suitable for potato production.

Maturity : Medium (3-4 Months)

Yield : High (>40 tons/ha)

Tuber features : Oblong shaped, White cream skin Shallow pinkish eyes Cream flesh

Tuber dormancy : Long (2.5-3 Months)

Plant description : Nyota is a medium tall potato plant with strong semi erect stems and dark green medium size leaves with pink flowers. It is tolerant to heat

Disease Resistance : Nyota is tolerant to Late blight
/Tolerance
**PANAMERA**

**Use**
Table variety

**Areas to be grown**
Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

**Maturity**
Late (>4 Month)

**Yield**
High (>40 tons/ha)

**Tuber features**
Large oval tubers
Very bright and smooth yellow skin
Shallow eyes

**Tuber dormancy**
Medium dormancy

**Plant description**
Panamera has very high and dense foliage with high number of white flowers

**Disease resistance**
Panamera has good resistance to Late blight, Common and Powdery scab, wart disease and Early blight.
## PURPLE GOLD

<table>
<thead>
<tr>
<th>Use</th>
<th>Crisps</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Areas to be grown</strong></td>
<td>High altitude of 1800-3000 m.a.s.l. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Meru, Nakuru, Bomet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.</td>
</tr>
<tr>
<td><strong>Maturity</strong></td>
<td>Medium (3-4 Months)</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>Low (&lt;30 tons/ha)</td>
</tr>
<tr>
<td><strong>Tuber features</strong></td>
<td>Round tubers, Smooth dark purple skin Medium eye depth White flesh</td>
</tr>
<tr>
<td><strong>Tuber dormancy</strong></td>
<td>Long (4-4.5 Months)</td>
</tr>
<tr>
<td><strong>Plant description</strong></td>
<td>Purple Gold is a semi- erect tall variety (slightly below 1 metre in height) with moderately strong stems and dark green medium-sized leaves. It flowers moderately and the flowers are purple.</td>
</tr>
<tr>
<td><strong>Disease resistance /Tolerance</strong></td>
<td>Purple gold is moderately resistant to Late blight, PLRV and resistant to Potato Virus X (PVX).</td>
</tr>
</tbody>
</table>
RODEO

Use: Table variety

Areas to be grown: Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production

Maturity: Late (>4 Months)

Yield: High (>40 tons/ha)

Tuber features: Medium to big size
Red skin
Shallow eyes
Yellow Flesh

Tuber dormancy: Medium dormancy

Dry Matter content: 22%

Plant description: Rodeo has high foliage development. It flowers profusely and the flowers are violet

Disease resistance /Tolerance: Rodeo has good resistance to scab, It is resistant to Wart disease, has medium resistance to Late blight and high resistance to Early blight
ROYAL

Use
: Chips
  Table variety
  Crisp, flakes and granulate

Areas to be grown
: Suitable for all potato-growing areas

Maturity
: Medium (3-4 Months)

Yield
: High (>40 tons/ha) under intense management

Tubers features
: Large, round-oval tubers
  Yellow skin
  Shallow eyes
  Pale yellow-to-yellow flesh
  Good resistance to internal bruising,

Tuber dormancy
: Medium dormancy

Plant description
: Royal has dark green leaves and in most cases no flowering occurs, flowers are white with yellow tips.

Disease resistance:
Royal is resistant to nematodes and wart diseases and has medium resistance to Late blight and scab.
RUMBA

Use: Crisps
Excellent frying color and taste with low sugar content

Areas to be grown: Suitable for all potato growing
Maturity: Medium (3-4 Months)
Yield: High (>40 tons/ha)
Tubers feature: Short-oval in shape tubers, (uniform grading)
Yellow slightly netted skin
Shallow medium eye depth
Light yellow flesh

Tuber dormancy: Long dormancy.
Dry Matter content: High
Plant description: Rumba has white flowers with yellow tip.
It has good tolerance to drought.
Disease resistance /Tolerance: Rumba has high resistance to Late blight,
Potato Virus Y, and Potato Leaf Roll Virus.
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**RUDOLPH**

**Uses**  
: Table variety  
  Chips  
  Crisp

**Areas grown**  
: Suitable for all potato-growing areas.

**Maturity**  
: Medium (3-4 Months)

**Yield**  
: High (>40 tons/ha)

**Tubers features**  
: Large oval to round oval tubers, uniform in shape  
  Red smooth to medium smooth skin  
  Rather shallow eyes  
  White flesh  
  Moderately resistant to internal bruising

**Tuber dormancy**  
: Long

**Dry Matter content**  
: 20%

**Plant description**  
: Rudolf is an erect tall variety with medium to large dark green leaves. It flowers profusely and the flowers are pink.

**Disease resistance /Tolerance**  
: Rudolph is susceptible to Leaf blight, Common scab and PVY, has good resistance to Tuber blight, moderate resistance to Potato Virus X and immune to wart disease.
SAGITTA

Use: Table variety
     Chips
     Crisps

Areas to be grown: All regions suitable for potato production
Maturity: Medium (3-4 Months)
Yield: High (>40 tons/ha) under intensive production

Tubers features:
   Oval tubers
   Yellow skin
   Shallow eyes
   Light yellow flesh

Tuber dormancy: Medium dormancy

Plant description: Sagitta is a medium to tall plant with intermediate type foliage structure and high frequency of pink flowers. It has semi upright growth habit and medium thick stems.

Disease resistance/Tolerance:
Sagitta is resistant to PCN types Globodera rostochiensis, and Wart disease fysio 1. It is highly resistant to Spraing, Tuber blight, and PVYn. It is tolerant to PVYtn in tuber, moderate resistant to Foliage blight and Common scab and good resistance to Powdery scab.
**SARPO MIRA**

**Use**
- Chips
- Table variety (tasty and floury tubers)
- Flakes

**Areas to be grown**
- Suitable for all potato-growing areas

**Maturity**
- Medium (3 to 4 Months)

**Yield**
- High (>40 tons/ha)

**Tubers features**
- Large, long-oval tubers uniform in shape
- Red skin
- Shallow eyes
- Pale yellow flesh

**Tuber dormancy**
- Medium dormancy

**Plant description**
- Sarpo Mira grows very tall with vigorous weed suppressing foliage. It has pink flowers.
- The variety is high yielding and has good torelance to drought

**Disease resistance**
- Sarpo mira has extremely good resistance to Late blight (no spraying against blight needed) and Virus.
SAVIOLA

Use: Table variety (firm after cooking)

Areas to be grown: Suitable for all potato-growing areas
Maturity: Medium (3-4 Months)
Yield: High (>40 tons/ha)
Tubers features: Large, Long oval tubers. Uniform in shape
Yellow skin
Very shallow eyes
Cream flesh

Tuber dormancy: Short
Plant description: Saviola is a strong plant with purple flower.
Has good initial development. The plant has good heat resistance tolerance

Disease resistance: Saviola is resistant to Virus $Y^n$, Virus $Y^{ntn}$ and Late blight.
### SHANGI

| **Use** | Chips  
<table>
<thead>
<tr>
<th></th>
<th>Table variety</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Areas to be grown</strong></td>
<td>≥1500 m.a.s.l. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta, and Cherangani hills.</td>
</tr>
<tr>
<td><strong>Maturity</strong></td>
<td>Early (≤3 Months)</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>Medium (30-40 tons/ha)</td>
</tr>
</tbody>
</table>
| **Tubers features** | Oval shaped tubers  
|           | Smooth cream skin,  
|           | Medium to deep eyes  
|           | White flesh |
| **Tuber dormancy** | Short (<1 Month). |
| **Plant description** | Shangi is a semi- erect medium tall variety (slightly below 1 metre in height) with moderately strong stems and light green broad leaves. It flowers profusely and the flowers are pink. |
| **Disease resistance** | Shangi is moderately susceptible to Late blight/Tolerance |
**SHEREKEA**

**Use**
- Crisps
- Chips
- Table variety

**Areas to be grown**: High altitude of 1800-3000 m.a.s.l. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta, and Cherangani hills.

**Maturity**: Medium (3-4 Months)

**Yield**: High (>40 tons /ha)

**Tubers**
- Round tubers,
- Smooth red skin
- Deep eyes
- Cream flesh

**Tuber dormancy**: Long (4-4.5 Months).

**Plant description**: Shereke is a semi-erect tall variety (slightly below 1 meter in height) with strong stems and dark green, small to medium sized leaves. It flowers profusely and the flowers are light purple.

**Disease resistance**: Shereke is resistant to Late blight, PVY and PLRV
SIFRA

Use: Table variety (firm after cooking)

Areas to be grown: Timau, Tigoni, Molo, Narok, Bomet, Timboroa, and all regions suitable for potato production.

Maturity: Late (>4 Month)

Yield: High (>40 tons/ha)

Tuber features: Large, round to round oval tubers
               Bright smooth light yellow skin
               Shallow eyes
               Cream flesh

Tuber dormancy: Medium dormancy

Plant description: Sifra is a medium to tall variety with dense foliage. It flowers profusely and the flowers are white.

Disease resistance/Tolerance: Sifra has good resistance to Scab, medium resistance to Late blight and Early blight and resistant to wart disease and Globodera rostochiensis.
**TAURUS**

**Use**: Crisps

**Areas to be grown**: Suitable for all potato-growing areas

**Maturity**: Medium (3-4 Months)

**Yield**: Medium (30-40 tons/ha)

**Tubers features**
- Round to round oval tubers
- Yellow, smooth skin
- Pale yellow flesh
- Medium deep eyes

**Tuber dormancy**: Long

**Dry matter content**: 24%

**Plant description**: Taurus is a medium to tall plant. It has an upright to semi upright stem and with medium to high frequency of flowers

**Disease resistance /Tolerance**: Taurus has very good resistance against Virus Yn, good resistance against Tuber blight, moderately resistant to Leaf blight, Common scab, and resistant to Potato Cyst Nematode Ro1
TIGONI

Use : Frozen Chips
      Table variety

Areas to be grown : High altitude of >2300 m.a.s.l is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta, and Cherangani hills.

Maturity : Medium (3-4 months)

Yield : Medium to high (35-45 tons/ha)

Tubers features : Long-oval
                  Smooth white skin
                  Pale yellow flesh
                  Shallow eyes

Tuber dormancy : Long (2.5-3 months).

Plant description : Tigoni is an erect tall variety (about 1 metre in height) with strong stems and light green broad leaves. It flowers profusely and the flowers are white.

Disease resistance : Tigoni is moderately tolerant to Late blight/Tolerance
**TOLUCA**

**Use**
- Crisp
- Chips
- Table Variety
- Excellent baking qualities

**Areas to be grown**
- Suitable for all growing regions

**Maturity**
- Late (>4 months)

**Yield**
- Medium (30 - 40 tons/ha)

**Tubers features**
- Oval, medium tuber size
- Yellow skin
- Shallow eyes
- Light yellow flesh

**Tuber dormancy**
- Medium dormancy

**Dry matter**
- 20.7%

**Plant description**
- Toluca is a Strong plant with good initial development. It has white flowers

**Disease resistance**
- Toluca has very high resistance to Late blight and Virus Y

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UNICA

Use : Chips
      Crisps
      Table variety
      Rich in vitamins C Iron and Zinc

Areas to be grown : Lowlands and highlands tropics 1400-3500 Masl

Maturity : Early (≤ 3 Months)

Yield : High (> 40tons/ha)

Tuber features : Oblong tubers
                 Red Skin
                 Shallow eyes
                 Cream Flesh

Tuber dormancy : Long (2.5-3.5 months)

Plant description : Unica is a medium tall variety with strong semi- erect stems and dark green medium-sized leaves. It flowers profusely and the flowers are pink.

Disease resistance: Unica is moderately resistant to Late blight (LB), highly resistant to Potato Virus X (PVX) and resistant to Potato Leaf Roll Virus (PLRV).
**VOYAGER**

<table>
<thead>
<tr>
<th><strong>Use</strong></th>
<th>Table variety</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Areas to be grown</strong></td>
<td>Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.</td>
</tr>
<tr>
<td><strong>Maturity</strong></td>
<td>Late (&gt;4 months)</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>High (&gt;40 tons/ha)</td>
</tr>
<tr>
<td><strong>Tuber features</strong></td>
<td>Large long oval tubers, Bright, smooth yellow skin, Shallow eyes, Yellow flesh</td>
</tr>
<tr>
<td><strong>Tuber dormancy</strong></td>
<td>Long dormancy</td>
</tr>
<tr>
<td><strong>Plant description</strong></td>
<td>Voyager is a medium to tall plant. It flowers profusely and the flowers are white.</td>
</tr>
<tr>
<td><strong>Disease resistance</strong></td>
<td>Voyager has good resistance to Scab, medium resistance to Late blight and Early blight, resistant to Wart disease and <em>Globodera rostochiensis</em>.</td>
</tr>
</tbody>
</table>
WANJIKU

Uses : Chips
       Crisps

Areas to be grown : Highland’s tropics 1,500-3,500Masl It does well in areas such as Meru, Tigoni, Molo, Narok, Bomet, Nandi, Marakwet Timboroa and all regions suitable for potato production.

Maturity : Medium (3-4 Months)

Yield : High (>40 tons/ha)

Tuber features : Oblong shaped,
                White cream skin colour
                Shallow pinkish eyes
                Cream flesh

Tuber dormancy : Long (2.5-3 Months)

Plant description : Wanjiku is a medium tall potato plant with strong semi erect stems and dark green medium size leaves with pinkish flowers.

Disease Resistance : Wanjiku is tolerant to Late blight, Potato Virus X & extremely tolerant to Potato Virus Y
**ZAFIRA**

**Use** : Table variety

**Areas to be grown** : Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.

**Maturity** : Late (>4 months)

**Yield** : High (>40 tons/ha) under intensive management

**Tuber features** : Big long oval in shape

- Yellow skin
- Very shallow eyes
- Light yellow flesh

**Tuber dormancy** : Medium dormancy

**Plant description** : Zafira is a medium to tall variety and grows very fast. Leaves are medium to large and green in colour. It has high heat tolerance.

**Disease resistance /Tolerance** : Zafira is resistant to PCN- Ro 1, and 4 and Common scab, quite resistant to Virus Y_{ntn} and Virus Y_{r}, fairly susceptible to Late blight (foliage), susceptible to Late blight (tuber) and has Medium to high resistance to Potato Leaf Roll Virus
### OTHER VARIETIES

<table>
<thead>
<tr>
<th>No</th>
<th>Variety</th>
<th>Maintainer and Source</th>
<th>Maturity (Months)</th>
<th>Yield (Ton/ha)</th>
<th>Use/special attributes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Roslin Eburu</td>
<td>KALRO - Tigoni</td>
<td>4 - 4.8</td>
<td>25 - 35</td>
<td>Very good storability</td>
</tr>
<tr>
<td>2.</td>
<td>Roslin Tana</td>
<td>KALRO - Tigoni</td>
<td>2 - 3</td>
<td>35 - 45</td>
<td>Good chipping quality</td>
</tr>
<tr>
<td>4.</td>
<td>Kenya Chaguo</td>
<td>KALRO - Tigoni</td>
<td>2 - 3</td>
<td>30 - 40</td>
<td>Good mashing quality</td>
</tr>
</tbody>
</table>
NPCK GOLD MEMBERS

- Baraka Fertilizer
- Toyota Tsusho Fertilizer Africa Ltd
- O LX
- Pieper Farms LLC
- Suera Flowers Ltd
- UPL
NPCK VIAZI SOKO

ABOUT THE PLATFORM
It enables farmers to:
- Query and receive feedback on seed potato information
- Market potatoes

HOW TO REGISTER
1. Go to your mobile phone messaging service, type: NPCK # REGISTER #‘Your Name’ #‘Your County’ and send to 22384
   EXAMPLE:
   NPCK #REGISTER#ESTHER KAMAU #NAKURU

2. Alternatively use the following in place of ‘register’: REG, JOIN, JINJGE, ANDIKISHA, INGIA or SHIRIKI.
   EXAMPLE:
   NPCK #ANDIKISHA# ESTHER KAMAU # NAUKUR

3. You will receive a feedback confirming your registration ‘Welcome to NPCK SMS services. Your Account has been created’

4. If registration was not successful you will receive an SMS with instructions on how to register.
   (Note there is a space between NPCK and the first #. Use at least two of your names also note that there is a space between your first and second name.

HOW DO YOU QUERY FOR SEED POTATO INFORMATION?
1. Go to your mobile phone messaging service and type: NPCK #Seed#‘Potato Variety’ and send to 22384
   EXAMPLE:
   NPCK #SEED#SHANGI
2. Alternatively you can use the following in place of SEED: SEEDS, MBEGU, MBENGU, SEEDLINGS, POTATO, QUERY, TAFUTA and SEARCH. EXAMPLE: NPCK #TAFUTA# SHANGI

3. You will receive a reply that will includes: Seed Variety, if seed is certified or an alternative, size, amount available in Kgs, price per Kg, seed producer company and the county and contact number.

(Note there is a space between NPCK and the first #)

HOW TO MARKET WARE POTATO?
1. To market through the platform a farmer must be in a group that has an MOU/AGREEMENT with NPCK. The group will have a farmer coordinator who will market on behalf of the members.

2. For more details on requirements and procedure contact NPCK marketing department through Phone: 0799739578/ 0712338633 Email: npck@npck.org

HOW COORDINATORS WILL MARKET MEMBERS POTATOES
1. When a group member is about to harvest, the farmer coordinator will be responsible for uploading the required information as below;

NPCK #MARKET#POTATO VARIETY#PRICE PER KG#AVAILABLE KG#DAY#MONTH and send to 22384 EXAMPLE: NPCK #SHANGI#30#5000#15#5

2. You will receive a reply that your stock record has been created and will be valid for a period of two weeks

Note: (There is a space between NPCK and the first #, DAY means from 1st to 31st depending on the month. MONTH is 1-12)

1. When the coordinator collects potatoes for selling he updates the quantities and prices in the connected farmer software

2. The concerned members will receive an SMS with transaction details and thereafter Mpesa payment.
For further information, please contact the following

**NPCK**
Tel: 0799739578  
Cell: 0712338633  
Email: npck@npck.org  
Website: www.npck.org

SMS-Service **22384**

Or

**KEPHIS**
Tel: 020 3597201/2/3  
Cell: 0722516221  
Email: kephisinfo@kephis.org  
Website: www.kephis.org

SMS-Service: **5354**

Or

**KALRO-Tigoni**
Tel: 020 2076915  
Cell: 0727031783  
Email: kalro.tigoni@kalro.org  
Website: www.kalro.org

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Esther Kaguora (NPCK), Emily Osena (Kenya -Netherlands Seed Potato development Project), Dr. Jane Mbugua and John Onditi (KALRO - Tigoni)

Others Contributors: Henry Chemjor (NPCK), Simon Komen (KEPHIS), Dr. Joseph Maina (MoALF) and Meshack Rono (GIZ)

Designed by:- Joseph Mureithi Wahome

Coordinated by:-
Wachira Kaguongo (NPCK)