



POTATO VARIETY CATALOGUE 2021



Our Services

Product Profiling & Market Size

Advice on which varieties in your portfolio could be suitable for local markets

Marketing Trials

Create awareness

Market Entry Advice & Variety Licensing

Advice on market entry (including links to local businesses and licensing, if applicable)

Adaptation Trials (Multi-Location)

Data on performance under local conditions

Variety Registration (National/Regional)

Advice on obtaining marketing consent & protecting commercial varieties

About Us

Seeds2B Africa is a Kenyan-based for-profit social enterprise that facilitates the introduction of quality seeds to African businesses in emerging markets through offering crop trials for variety adaptation and registration, licensing support and market linkage services. Seeds2B Africa also helps smallholders in Sub Saharan Africa raise their incomes and food security by providing more choice to complement local seed sources.

Why work with us?

- Robust, reliable trials implementation and data delivery using Seeds2B's cutting edge digital platform
- Data privacy
- Diverse customer base & wide scale operation across Africa
- Multi-skilled team including agronomists, Lawyers, Business strategists, and Policy specialists
- Strong local seed regulatory links and wide partnership network including both public and private breeding institutions
- Strong links to local businesses including seed producers, distributors, farmer groups, and processors



West Africa
Mali & Senegal

East Africa
Kenya

Talk to Us
Seeds2B Africa Limited
Office: +254 703 018 000
e-mail: info@seeds2b.org
website: www.seeds2b.org

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FOREWORD



This Potato Variety Catalogue is the fifth after the 2013, 2015, 2017 and 2019 editions. The 2021 edition has 7 new varieties that were released after the 2019 edition. It also has an updated list of certified seed merchants. The Potato Variety catalogue describes potato varieties in terms of variety use, tuber features, maturity period, yield, 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's specific target market. It also has an updated list of the names and contacts of certified seed potato merchants and out growers to help farmers know where to source for certified 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 Agriculture Sector Transformation and Growth strategy (ASTGS) (2019-2029).

The development and distribution of this catalogue could not have been possible without the financial and technical support from our partners who include: Ministry of Agriculture, Livestock, Fisheries & Irrigation, German Cooperation (GIZ), Kenya-Netherlands Seed Potato Development Project, Kenya Agricultural and Livestock Research Organization (KALRO-Tigoni), Kenya Plant Health Inspectorate Service (KEPHIS), International Potato Center (CIP), International Fertilizer Development Center (IFDC), Syngenta Foundation for Sustainable Agriculture, National Research Fund (NRF) and SNV

Wachira Kaguongo
Chief Executive Officer,
National Potato Council of Kenya



KEY PARTNERS



Republic of Kenya
Ministry of Agriculture,
Livestock and Fisheries



CIP
INTERNATIONAL
POTATO CENTER



german
cooperation
DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz

Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



KALRO

Kenya Agricultural & Livestock
Research Organization



KENYA PLANT HEALTH INSPECTORATE SERVICE
KEPHIS



Kingdom of the Netherlands



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AGRICULTURAL DEVELOPMENT CORPORATION

'EXCELLENCE IN AGRICULTURE'



"Grow ADC certified seed potato varieties suitable in different environments to increase yields for the Kenyan farmer and beyond"

CONTACT



0706-318066, 020-318066



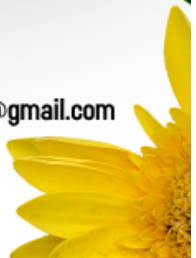
adcmolo@gmail.com



AgriculturalDevelopmentCorporation



@AdCke



NATIONAL POTATO COUNCIL OF KENYA

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

It is NPCK's mission to help coordinate and regulate Kenya's potato industry, and help improve the industry's profitability and the livelihoods of its various stakeholders.

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.



Services provided by NPCK to the stakeholders include:

1. Providing forums for engagement, planning, networking and solution search,
2. Lobbying and advocating for supportive policy and legal framework,
3. Providing any services that will enhance businesses in the industry and
4. Promoting adherence to regulations and adoption of good standards and best practices in the potato sub-sector.

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, 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. Upcoming potato producing counties include: Machakos, Makeni, 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 5.8

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

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

DEFINITION OF TERMS

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 - A variety that 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 Potential
- Tubers features
- Tuber dormancy
- Dry Matter Content
- Plant description
- Disease resistance/Tolerance



Key

TERM	Maturity	Disease Resistance, Tolerance & Susceptibility levels	Disease attributes	Tuber Dormancy	Yield Potential	Eye Depth	Tuber and Flesh Color
DEFINITION OF TERMS	Early(<3 months) Medium(3-4 months) Late(>4 months)	Low Medium High	Tolerant Resistant Susceptible	Short(<1 Month) Medium(1-2 Months) Long(>2 Months)	High(> 40 Tons/Ha or Medium (30-40 Tons/Ha or 12.15-16.9/acre) Low(< 30Tons/Ha or <12.15 tons/acre)	Shallow Medium Deep	Cream Cream White Red Dark Red Purple Dark Purple White Yellow Pale Yellow Light Yellow Yellow (red blotched) White Cream Deep Yellow
SYMBOLS	• •• •••	✓ ✓✓ ✓✓✓	INA Tolerant Resistant Susceptible	★ ★★ ★★★	↖ ↗ ↘ ↙	S M D	C CW R DR P DP W Y PY LY YB WC DY

All varieties are susceptible to Bacterial Wilt (*Ralstonia Solanacearum*)

- Indications for attributes are based on trials in the country of origin. In Kenya, performance trials have been done under both intensive and conventional management. Nevertheless 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: Registered seed producers and their varieties

Aberdare Technology Limited	Muranga	725861444	Shangi, Dutch Robijn
ADC-Molo	Nakuru, Molo	0706318066 and 020 2318066 adcmolo@gmail.com	Shangi, Sherekea, Dutch Robijn, K. Karibu, K. Mpya, Asante, Desiree, Tigoni, Unica, Wanjiku, Konjo Nyota and Lenana
Agrico Potato Services Africa Limited	Nakuru, Kabarak	Ruth on 0741788380 or Sales on 0742844207	Arizona, Arnova, Carolus, Destiny, Faluka, Kuroda, Manitou, Markies & Rudolph, Zafira
Agripom Kenya Limited	Nakuru Molo	723111205/ rkimanya@agripom.com	Unica, Wanjiku, Chulu
Baraka Agricultural College (Nakuru)	Nakuru, Molo	Antony Majanga 0724775769	Shangi, Kenya Karibu, Dutch robijn
Bubayi Products Ltd	Kitale	0735488001, 0722599419	Shangi and Dutch robijn
Clabham Investment limited – Frontier farm	Nakuru, Mau Narok	0710607935 Boniface, bonifacetoday@yahoo.com	Shangi, Dutch Robijn
Egerton University Seed Unit	Nakuru, Njoro	0723079623 John,email- jngash02@gmail.com	Shangi, Dutch Robijn, Nyota, Unica, Kenya Karibu, Wanjiku
EuroPlant Aardappel B.V(variety owner)	The Netherlands	jjanse@europlant.biz OR NPCK 0712 338633 npck@npck.org	Jelly, Rumba, Milva, Laura



FreshCrop Ltd	Nyandarua	Chris Gasperry 727230484 chrisingasper1@gmail.com	Shangi, Chulu, Unica, Wanjiku, Dutch Robijn, Nyota
Gene Biotech seeds LTD	Kajiado, Isinya	0739-532993-Nayarani, narayanimanatan@yahoo.com	Shangi
GTIL (Apical cuttings and minitubers only)	Nairobi, Lower Kabete	0722-662037 kae@africaonline.co.ke	Dutch Robijn, Shanghi and Konjo
James Hutton Ltd (variety owner)	United Kingdom Invergowrie	info@huttonltd.com +44 (0) 1382 568568 OR NPCK 0712 338633 npck@npck.org	Lady Balfour, Gemson, Sorrento, Reiver and Cara
Jancota Limited	Nyandarua, Olkalou	James Nderui, 0714756608, nderui44@gmail.com	Shangi, Unica, Wanjiku, Dutch Robijn, Konjo
KALRO-Tigoni	Kiambu, Limuru	0727031783 Or Purity- 0721928725 Email- kalro.tigoni@kalro.org	Shangi, Tigoni, Unica, Kenya Karibu, Arka, Sherekea, Kenya Mavuno
Kevin Kenya seeds	Meru	705729755 Email:info@keviankenya.com,k oome.ken2015@gmail.com	Dutch Robijn, Wanjiku, Unica, Sherekea, Ram
Kimingi Farm (Kalro Tigoni grower)	Nyandarua	John 781431222, 0726107722	Shangi, Wanjiku, Unica
Kirinyaga seeds Ltd	Meru	0701830699 Henry Kigen, Henrykigen2@gmail.com	Java
Kisima Farm	Meru, Timau	0789458376 Oliver potatoes@kisima.co.ke.	Asante, Farida, Sagitta, Taurus, Challenger, Panamera, Zarina, Voyager, Shanghi, Sherekea, Dutch Robijn, Rodeo, Unica, Desiree, Derby, Evora, Sifra,
New Holland Chips	Nanyuki (Laikipia)	sales@newhollandchips.com, JP Dekker: 0712140 130	Royal, Sarpo Mira, Connect, Caruso, Desiree
Singus Enterprises	Nakuru- Molo	Ann Mbugua 0722691245, anniekoimbori@gmail.com	Shangi, Unica
Spring valley (Moiben)	Uasin Gishu, Moiben	723916161-Samson Chebutuk	Shangi, Dutch robijn,
Starlight Cooperative society	Nakuru- Molo	Daniel, 721109200	Shangi and Sherekea
Stet Holland B.V (variety owner)	The Netherlands	Holtslaghenk, Henk.Holtslag@stet- potato.com OR NPCK 0712 338633 npck@npck.org	Elmundo
Stockman Rozen Ltd	Naivasha	0720-603990 Email info@srk.co.ke	Apical cuttings of Shanghi, Unica, Konjo, Dutch Robijn, Wanjiku, Asante, Desiree, Sherekea, Kenya Mpya, Taurus. Mini-tubers of Shanghi, Unica and Wanjiku
Suera Farm	Nyandarua, Oljoro'orok	0706-186579 Suera.flowers@gmail.com	Acoustic, Musica, Lady Amarilla, Lady Terra, Rock
Taita Papa	Taita Taveta, Wundanyi	Granton Ndighila, 0726007669/0735 402986	Unica, Wanjiku, Chulu
Utopian Supplies Kenya Limited	Nyandarua, Rironi	Stephen 0725240133, Stephen@utopianguroup.co.ke	Shangi



GUIDELINES FOR MONITORING QUALITY OF CERTIFIED SEED POTATO



Potato yields are affected by several factors of which the most important one is the quality of seed used. The average yield increase from the use of good quality seed ranges between 30 and 50 per cent compared to farmers who use recycled seeds. Farmers face challenges getting certified seed potato since its production has remained low at less than five percent of the national requirement. Low seed production is due to challenges such as few numbers of certified seed potato multipliers and the cost involved in multiplying. However, demand for certified seed potato is growing with increasing awareness on the importance of using certified seeds. To guarantee the quality of the seed potato, potato farmers are encouraged to check the quality of certified seed potato before they purchase from a registered seed merchant. The seed potato packaging bag must have a KEPHIS label inside with the following information:

- a. Name of the potato variety
e.g. Shangi, Unica, Sherekea, Asante etc.
- b. Seed size e.g. size I, size II, or mini-tubers
- c. Net weight (the weight should not exceed 50 Kg)
e.g. 20 Kg, 50kg
- d. Certified seed generation
e.g. BASIC, C1G, C2G etc.
- e. Lot number e.g. 17-17344H
- f. Date of sealing e.g. 10/23/2017
- g. Label colour: Breeder's/ Basic (White), C1G (Blue), C2G-C3G (Pink)
- h. The label should look like the sample below:

KENYA PLANT HEALTH INSPECTORATE SERVICE (KEPHIS)	Species	SOLANUM TUBEROSUM	
	Aina	Kenya Sherekea	Size II
	Variety		
	Kundi	Mbaga Zilizotibitishwa	
	Category	Certified seed 2ND GEN	
	Naamba ya lot	18-19-2051-09c	
	Lot Number		
	Tarhe ya mbari	4/2/2019 12: Kg:	50.00
	Date of Sealing		
	Mukuza Kenya	Grown in Kenya	
	No.	10656230	



Farmers are also advised to observe the following:

1. Purchase seed potato from registered seed producers only; You can confirm with KEPHIS or NPCK through the contacts provided below.
2. Do not buy certified seed which has no KEPHIS label stitched to the package or inserted inside the bag.
3. Obtain an official receipt on purchase of seed.
4. Keep the receipts and the certification label throughout the growing season for reference in case of complaints. Keep all useful evidence such as seed potato packaging, receipts, label etc.
5. Do not plant seed tubers that are rotten, over sprouted, damaged or mis-shaped.
6. Report any strange diseases, pests or any other anomaly found on certified seed potato to KEPHIS, NPCK or agricultural extension officers for mitigation/ management action;
 - a. The reporting should be done immediately the anomaly is discovered and should be within the growing season and affected tubers or anomaly should be preserved as evidence.
 - b. Do not tamper with any information on the label or interfere with the package.

In case of any complaints on seed quality, farmers should contact KEPHIS and NPCK immediately on the following telephone numbers or email:

KEPHIS HQ - Tel: 0709 891 000,

Email: director@kephis.org, kephisinfo@kephis.org

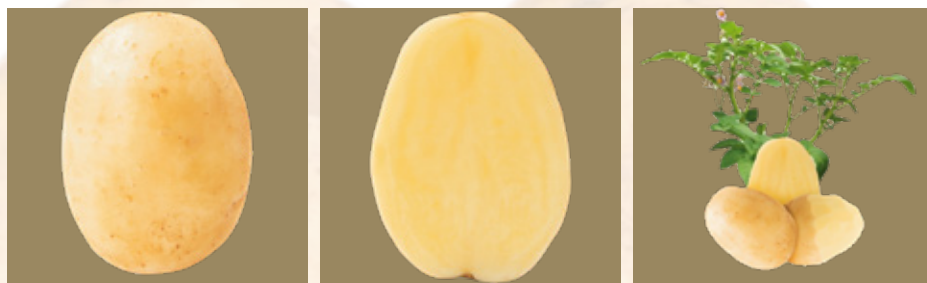
KEPHIS Regional Offices:

- Kitale - 0722 209 502
- Nakuru - 0722 209 503
- Embu - 0728 600 092
- Mombasa - 0722 209 501
- Kisumu - 0728 607 093

NPCK - Tel: 0712 338 633/ 0799 739 578

Email: complaints@npck.org
npck@npck.org

ACOUSTIC



Use:	Table firm cooking and excellent taste
Areas to be grown:	Suitable for all growing regions
Maturity period:	Medium
Yield potential:	High (>40 tons/ha or 16.9 tons/acre) under intensive management
Tuber features:	Round oval tubers with good bruising resistance Uniform in grading Light yellow skin Shallow eyes Light yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	18%
Plant description:	Acoustic is in height a medium variety with Spreading stems, not totally covered foliage. Leaves are light green in color. It exhibits presence of lightly flowering pink to light purple flowers.
Level disease resistance/ tolerance:	Acoustic has very high <i>phytophthora infestans</i> resistance medium resistance to PCN (Ro1and Ro 2/3) and high resistance to wart disease.
Seed producer:	Suera Farm/C. Meijer B.V



ANNET



Use:	Chips, Table
Areas to be grown:	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.
Maturity period:	Early (≤ 3 months)
Yield potential:	Medium (30-35 tons/ha or 12.14-14.16 tons/acre)
Tuber features:	Round shaped Deep eyes Smooth yellow skin (red blotched) Yellow flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	Information not available
Plant description:	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.
Level disease resistance/ tolerance:	Annet is tolerant to Late blight
Seed producer:	KALRO Tigoni

ARIZONA



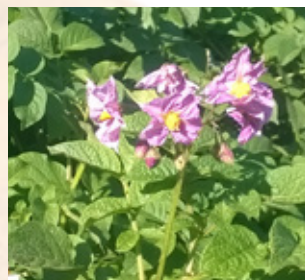
Use:	Table, Baking (good quality)
Areas to be grown:	Suitable for all potato-growing areas and can also grow in altitude of 1300- 3000
Maturity period:	Early (<3months)
Yield Potential:	High (>40 tons/ha or >16.19tons/acre)
Tubers features:	Large, oval tubers Yellow skin Light yellow flesh Shallow eyes
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	16.8%
Plant description:	Arizona exhibits good initial development It produces white flowers. It is high yielding and should not be stored for too long before planting
Level disease resistance/tolerance:	Arizona has good resistance to Late blight and Viruses
Seed producer:	Agrico Potato Services Africa Limited

ARNOVA



Use:	Chips, Table Firm in cooking.No traces of after cooking blackening
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Early (<3months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tubers features:	Very large to large oval tubers Yellow, smooth to medium smooth skin Light yellow flesh Shallow eyes Rather sensitive to harvest damage needs some hardening. Less sensitive to bruising. Good resistance to internal bruising.
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	18.2%
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.
Level disease resistance/tolerance:	Arnova is 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 ^{ntn} Virus. It has good resistance to Leaf Roll and is resistant to Ro1 of the Potato Cyst Nematode
Seed producer:	Agrico Potato Services Africa Limited

ASANTE



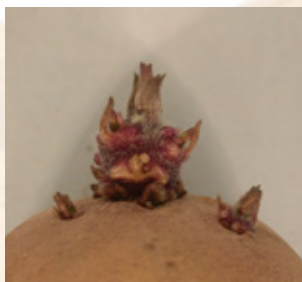
Use:	Table
Areas to be grown:	For all regions suitable for potato production
Maturity period:	Medium (3-4months)
Yield Potential:	Medium to High (35-45 t/ha or 14.16-18.23 tons/acre)
Tuber features:	Round shaped Medium eyes Smooth Pink skin Pale yellow flesh
Tuber dormancy:	Long (2-3.5 months)
Dry Matter:	21.3%
Plant description:	Asante is an erect tall variety (slightly below 1 meter in height) with strong stems and light green broad leaves. It flowers moderately and the flowers are pink
Level disease resistance/tolerance:	Asante is moderately tolerant to Late blight but can suffer late season infections. It is also tolerant to PLRV
Seed producer:	Mainly produced by: ADC-Molo, Kisima Farm and KALRO Tigoni

CARA



Use:	Chips, crips and Table
Areas to be grown:	High altitude of 1800-2600 M.A.S.L is the best. It does well in areas such as Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha.
Maturity period:	Medium (3-4 Months)
Yield potential:	High (47-64 T/ha or 19-25.90 tons/acre)
Tubers features:	Cream flesh Yellow (red blotched) skin Medium eyes
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	Information not available
Plant description:	Cara is in height a tall variety. Very upright. Late maturing. It exhibits presence of white flowers.
Level disease resistance/ tolerance:	Resistant to PCN (<i>G rostochiensis</i>), late blight, blackleg and potato virus Y
Variety owner:	James Hutton Ltd

CAROLUS



Use:	Table, Chips
Areas to be grown:	Timau, Tigoni, Molo, Narok, Bomet, Timboroa and all regions suitable for potato production.
Maturity period:	Medium (3.5 months)
Yield potential:	High(40t/ha or 16.19 ton/acre)
Tuber features:	Medium size round tubers Shallow pink eyes Yellow skin Yellow flesh
Tuber dormancy:	long
Plant description:	Carolus is an early main crop with violet flower. Slow initial development and later on a medium open silhouette. Stem type plant, plant height is tall with large leaf size. The leaves are medium to dark green and the stems have a medium to strong anthocyanin coloration
Dry matter:	21.6%
Level disease resistance/ tolerance:	The variety is susceptible to PCN- Ro 1, Ro 4- and common scab. It has medium to high tolerant to potato Leaf Roll Virus but immune to foliage and tuber late blight. It is also immune to Virus Y ⁿ and quite resistant to Virus Y ^{ntn} .
Seed producer:	Agrico Potato Services Africa Limited

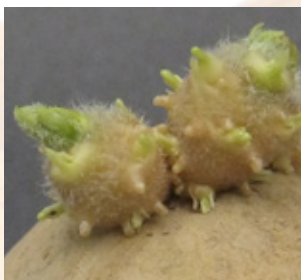


CARUSO



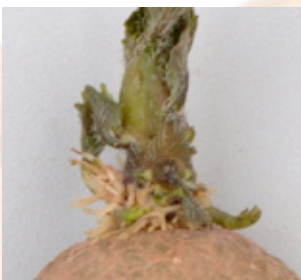
Use:	Crisps, Chips, Dehydrate products (Flakes and granulate) *has low sugar content and beautiful frying color
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Medium (3-4 months)
Yield potential:	Low to Medium (25-35 tons/ha or 10.12-14.16 tons/acre)
Tubers features:	Short oval tubers Shallow eyes Yellow skin Light yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	25.5%
Plant description:	Caruso is an intermediate variety type, high yielding main crop variety.
Level disease resistance/ tolerance:	Caruso is resistant to PCN Ro1 and 4, PVY, Leaf Roll and highly resistant to Late blight, Tuber blight, Common scab and Internal rust spot.
Seed producer:	New Holland Chips/ Den Hartigh BV

CHALLENGER



Use:	Chips, Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Late (>4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Long oval to long tubers Medium smooth bright yellow skin Shallow eye depth Light yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	22%
Plant description:	Challenger is a tall variety. It flowers profusely and the flowers are white.
Level disease resistance/ tolerance:	Challenger has good resistance to Common and Powdery scab, medium resistant to Late blight, quite resistant to Early blight and resistant to wart disease.
Seed producer:	Kisima Farm/HZPC Holland B.V

CHULU



Use:	Table
Areas to be grown:	For all regions suitable for potato production. It also does well in warm conditions
Maturity period:	Medium (3-4 months)
Yield Potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Oblong shaped White cream skin Shallow pinkish eyes Cream flesh
Tuber dormancy:	Long (2.5-3 Months)
Dry matter:	24%
Plant description:	Chulu is a medium tall potato plant with strong semi erect stems and dark green medium size leaves with white flowers.
Level disease resistance/ tolerance:	Chulu is tolerant to Late blight & Potato Virus X
Seed producer:	ADC-Molo

CONNECT



Use:	Table, Chips A table potato with short cooking time, mealy and free of discoloration
Areas to be grown:	Suitable for all potato-growing areas.
Maturity period:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tubers features:	Large, round oval, tubers uniform in shape Yellow skin Yellow flesh color Very shallow eyes Good resistance to internal bruising
Tuber dormancy:	Long (>2 Months)
Dry matter:	Information not available
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. Connect has good tolerance to drought
Level disease resistance/ tolerance:	Connect is resistant to Late blight and viruses
Seed producer:	New Holland Chips/Den Hartigh BV

DERBY



Use:	Chips, Crisps, Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Early (≤ 3 Months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) intensive management
Tuber features:	Large oval Yellow skin Light yellow flesh Medium eyes
Tuber dormancy:	Short (<1 Month)
Dry matter:	21.2%
Plant description:	Derby is medium in height. It exhibits a leaf type foliage structure and semi-upright growth. The variety exhibits low frequency of flowers.
Level disease resistance/ tolerance:	Derby has good resistance to Late blight and Scab, it is resistant to PCN (<i>Globodera rostochiensis</i> species) and Wart disease <i>Fysio 1 and 2</i>
Seed producer:	Kisima Farm/HZPC Holland B.V

DESIREE



Use:	Chips, Table
Areas 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, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Kisii, Kericho, Elgeyo Marakwet, Nandi, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.
Maturity period:	Early to Medium (2.5 -3.5 months)
Yield potential:	Medium (35-40 tons/ha or 14.16-16.19 tons/acre)
Tubers Features:	Long oval Smooth red skin Light yellow flesh Medium eyes
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	21%
Plant Description:	Desiree is an erect medium tall variety (about 0.7 meter in height) with strong stems and dark green medium sized leaves. This variety rarely flowers but when they do the colour of the flower is light pink.
Level disease resistance/ tolerance:	Desiree is moderately tolerant to Potato Virus Y (PVY) and very susceptible to late blight
Seed producer:	Mainly produced by ADC-Molo, KALRO Tigoni, Kisima Farm and New Holland Chips



DESTINY



Use:	Crisps, Chips
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Early (\leq 3months)
Yield potential:	Medium (30 - 40 tons/ha or 12.14-16.19 tons/acre)
Tuber features:	High numbers of round tubers Yellow skin Yellow flesh Shallow red eyes
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	24%
Plant description:	Destiny has good initial development; it has dark green leaves and light to dark purple flowers. Destiny also has some heat tolerance and can be grown in lower altitude areas too.
Level disease resistance/ tolerance:	Destiny has good resistance to Potato VirusY, Potato Virus X, PCN, Early blight and <i>Erwinia</i> sp.
Seed producer:	Agrico Potato Services Africa Limited

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 period:	Medium (3-4 months)
Yield potential:	Low (≤ 30 tons/ha or ≤ 12.14 tons/acre)
Tubers features:	Round shaped Rough red skin Pale yellow flesh Medium deep eyes
Tuber dormancy:	Long (3.5-4.5 months)
Dry matter:	21.6%
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.
Level disease resistance/ tolerance:	Dutch Robijn is susceptible to Late blight.
Seed producer:	Mainly produced by ADC-Molo, GTIL (apical cuttings and Minitubers only) KALRO-Tigoni and Kisima Farm

EL-MUNDO



Use:	Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Early (\leq 4months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) under intense management.
Tuber features:	Long oval uniform medium in size tubers Yellow skin Light yellow flesh Shallow eyes
Tuber dormancy:	Long (>2 Months)
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.
Level disease resistance/ tolerance:	El- Mundo has good resistance to Late blight and is resistant to PVY.
Variety owner:	Stet Holland B.V

EVORA



Use:	Table
Areas to be grown:	Suitable for all potato-growing areas Maturity: Medium (3-4 months)
Maturity period:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tubers features:	Large oval tubers Bright, smooth light yellow skin Medium eyes Cream flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	Information not available
Plant description:	Evora has high foliage development with high number of red violet flowers.
Level disease resistance/ tolerance:	Evora has medium resistance to Common and Powdery scab, Early blight and Late blight.
Seed producer:	Kisima Farm/HZPC Holland B.V

FALUKA



Use:	Table
Areas to be grown:	Suitable for all potato-growing areas.
Maturity period:	Early (3months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tubers features:	Large, long oval tubers, uniform in shape Yellow skin Cream flesh color Shallow eyes Good resistance to internal bruising
Tuber dormancy:	Long (>2 Months)
Dry matter:	18%
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.
Level disease resistance/ tolerance:	Faluka is susceptible to Leaf blight and Tuber blight; it has good resistance to Virus X and Virus Y ⁿ and is moderately resistant to Common scab
Seed producer:	Agrico Potato Services Africa Limited

FARIDA



Use:	Table
Areas to be grown:	For all regions suitable for potato production
Maturity period:	Medium (3-4) months
Yield potential:	High (55 ton/ha or 22.27 tons per acre)
Tubers features:	Long oval, big tubers Bright and smooth skin Yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	Information not available
Plant description:	High, semi-upright plant with medium to large leaves, medium green. It flowers profusely and the flowers are purple.
Level disease resistance/ tolerance:	Good resistance to Early Blight (<i>Alternaria Solani</i>), Common scab and Powdery scab
Seed producer:	Kisima Farm/HZPC Holland B.V

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Releases moisture and nutrients to the crop as and when required.

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Leads to tuber uniformity and high marketability

For increased potato yield



7

UNIQUE FUNGICIDE FORMULATION FOR DISEASE CONTROL



Good crop coverage, for good and increased disease control

Disperses very fast and completely in water, no residues left

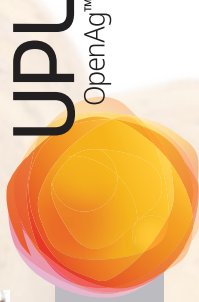
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The International Potato Center (CIP) is a research-for-development organization that delivers innovative science-based solutions to enhance access to affordable nutritious food, foster inclusive sustainable business and employment growth, and drive the climate resilience of root and tuber agri-food systems. CIP is present in 15 African countries supporting potato and sweetpotato. For more than two decades in Kenya, CIP has been a vibrant member of the potato community, working with the National and County Governments, Kenya Agricultural and Livestock Research Organisation (KALRO), Kenya Plant Health Inspectorate (KEPHIS), development partners, humanitarian organisations and the private sector.

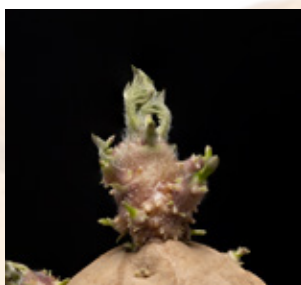
Our work in Kenya

- Through partnerships, CIP has developed, tested, and deployed technologies and tools leading to greater yields, incomes and health benefitting hundreds of thousands of farmers, processors, traders and communities engaged along the potato and sweetpotato value chains.
- Supported nutritional gains, value chain development, pest and disease management and breeding, evaluation and dissemination of robust potato and sweetpotato varieties.
- Rolled out targeted interventions to address major challenges including shortage of seed, high pest and disease incidences, sub optimal production practices and poor marketing infrastructure. The ongoing initiative, Accelerated Value Chain Development project – potato component funded by USAID under Feed the Future program reached 65,000 potato farmers under 19,000 hectares with productivity-enhancing technologies.

Newly released robust potato varieties in Kenya

VARIETY NAME	SPECIAL ATTRIBUTES
 <p>Unica</p>	<ul style="list-style-type: none"> • Can be planted in dryer, warmer climates or mid-elevation altitudes, bulks very quickly, yields big tubers • Resistant to Potato Leave Roll Virus, Potato Virus X and extremely tolerant to Potato Virus Y • Dry matter 21% • Good for french fries and table potato
 <p>Wanjiku</p>	<ul style="list-style-type: none"> • Robust and vigorous growing variety, high yielder • Resistant to Late Blight, Potato Virus X and extremely resistant to Potato Virus Y • Dry matter 21% • Good for french fries and table potato
 <p>Chulu</p>	<ul style="list-style-type: none"> • Tolerant to heat, can be planted in warmer climates or mid-elevation altitudes • Resistant to Late Blight and Potato Virus X • Dry matter 24% • Good for french fries and table potato
 <p>Nyota</p>	<ul style="list-style-type: none"> • Tolerant to heat, can be planted in warmer climates or mid-elevation altitudes • Resistant to Late Blight • Dry matter 20% • Table potato
 <p>Konjo</p>	<ul style="list-style-type: none"> • Highland variety, high yielder • Resistant to Late Blight, Potato Virus X and extremely resistant to Potato Leave Roll Virus • Dry matter 19% • Table potato
 <p>Lenana</p>	<ul style="list-style-type: none"> • Resistant to Late Blight, Potato Virus X and Potato Leaf Roll Virus • Dry matter 22% • Good for french fries and table potato

GEMSON



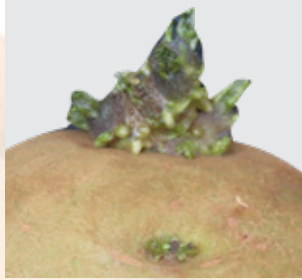
Use:	Table
Areas to be grown:	High altitude of 1800-2600 M.A.S.L is the best. It does well in areas such as Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha
Maturity period:	Medium (3-4) months
Yield potential:	High (42-48 t/ha or 17-19.4 tons/acre)
Tuber features:	White skin Shallow eyes White Cream flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	Information not available
Plant description:	Gemson is in height a tall variety. Dark green leaves. It exhibits presence of red violet flowers.
Level disease resistance/ tolerance:	Resistant to potato leafroll virus and blackleg
Variety owner:	James Hutton Ltd

JAVA



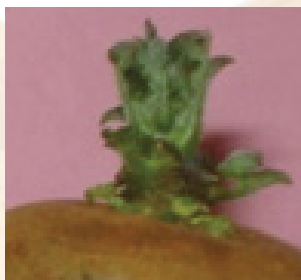
Use:	Chips
Areas to be grown:	High altitude of 1000-3000 M.A.S.L is the best. It does well in areas such as Nyandarua, Meru, Bomet, Narok, Nakuru, Kericho, Laikipia, Kiambu, Kirinyaga, West Pokot, Trans Nzoia, Bungoma, Uasin Gishu, Nyeri, Elgeyo
Maturity:	Medium (3-4 Months)
Yield potential:	High (40-50 t/ha or 16.19-20.23 tons/acre)
Tuber features:	Long Oval shaped Red skin Light Yellow flesh Medium eyes
Tuber dormancy:	Long (>2 Months)
Dry matter:	23%
Plant description:	Java is a tall erect variety with sparse appearance, the stem has a red-violet colour with a distinctive green wing. The leaves are deep green with pigmented venation. The flower is red-violet in colour.
Level disease resistance/ tolerance:	Very high resistance to late blight. Resistant to tuber blight, common scab and dry rot
Seed Producer:	Kirinyaga Seeds

JELLY



Use:	Chips, Table Very good table quality and excellent frying quality
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Late (>4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber 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 (1-2 Months)
Dry matter:	21%
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.
Level disease resistance/ tolerance:	Tolerant to Late blight, Black leg (<i>Root rot</i>), (<i>Rhizoctonia</i> sp) , Common scab, Potato Virus Y (PVY), Cyst Nematodes and potato wart disease.
Variety owner:	EuroPlant Aardappel B.V

KENYA BARAKA



Use:	Table, 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 period:	Medium (3 months)
Yield potential:	Medium (30-40 tons/ha or 12.14-16.19 tons/acre)
Tubers features:	Tubers Oval shaped Rough white skin Shallow eyes White flesh
Tuber dormancy:	Long (3.5-4.5 months)
Dry matter:	21.5%
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.
Level disease resistance/ tolerance:	Kenya Baraka is tolerant to Late blight
Seed producer:	Mainly produced by ADC-Molo and KALRO-Tigoni

KENYA KARIBU



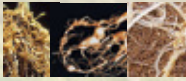

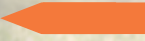
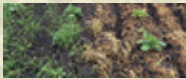

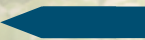











Use:	Table variety, Crisps
Areas to be grown:	Altitude of 1800-2600 M.A.S.L. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho and Cherangani hills.
Maturity period:	Medium (3-4 months)
Yield potential:	Medium to High (35-45 tons/ha or 14.16-18.21 tons/acre)
Tubers features:	Round in shape Smooth red skin Deep eyes Yellow flesh
Tuber dormancy:	Long (3.5 months)
Dry matter:	21.4%
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.
Level disease resistance/ tolerance:	Kenya Karibu is tolerant to Late blight and most of the potato viruses.
Seed producer:	Mainly produced by ADC-Molo and KALRO-Tigoni

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 period:	Late (>4 months)
Yield potential:	Medium (30-40 tons/ha or 12.14-16.19 tons/acre)
Tubers features:	Oval shaped Smooth cream skin Shallow eyes Cream flesh
Tuber dormancy:	Long (2.5-3 months)
Dry matter:	21.2%
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.
Level disease resistance/ tolerance:	Kenya Mavuno is tolerant to Late blight and most potato virus
Seed producer:	Mainly produced by ADC-Molo and KALRO-Tigoni

POTATO SPRAY PRO

Disease Name	Symptoms	Product	Rate per 20 Ltrs Water	DAY	
				02	09
Root knot and Potato Cyst Nematodes		 VELUM[®] PRIME	8ml Drench		
Weeds		 sencor	50ml		
Early Blight		 Milraz[®]	40gms		
Late Blight		 INFINITO	35ml		
Cut Worms		 TIHAN[®] QC175	15ml		
WhiteFlies, Thrips and Aphids		 TIHAN[®] QC175	7ml		
Tuber Moth		 TIHAN[®] QC175	15ml		
Foliar Fertilizer		 WUXAL[®] <small>BY AGLUKON</small>	35 - 50ml		

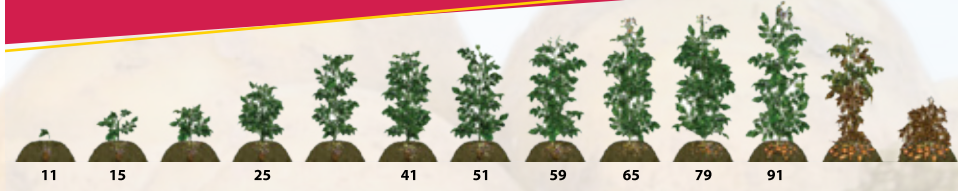
For more information and to be connected to a Bayer representative, register to

VELUM[®] PRIME
Protection against nematodes

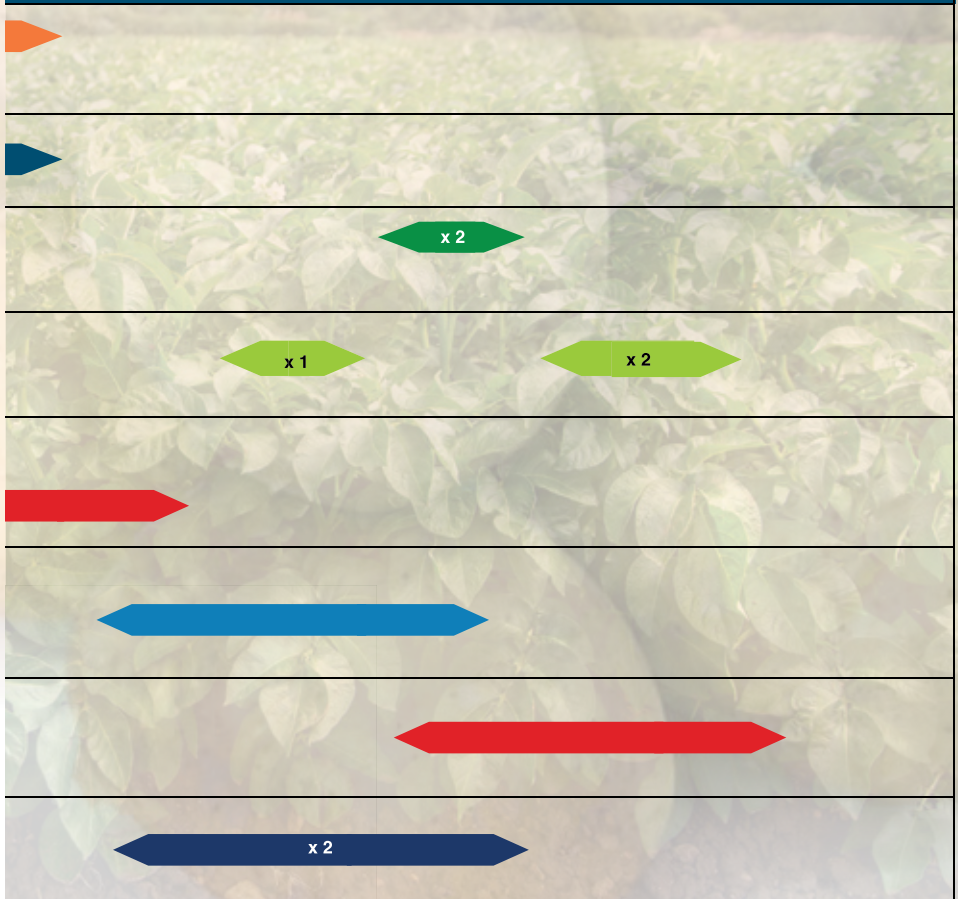
sencor
Controls emerged weeds

Milraz[®]
Protection against late blight

GRAM



Application Window



to the Bayer SMS service, dial ***205#** or send your enquiry for free to **22143**

INFINITO

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TIHAN[®]

Controls Aphids, Thrips and Whiteflies

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Provides your crops with Nutrition

KENYA MPYA



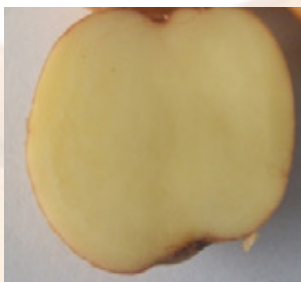
Use:	Table, Chips and Crisps
Areas to be grown:	For all regions suitable for potato production.
Maturity period:	Medium (3-4 Months)
Yield potential:	Medium (>40 tons/ha or 14.16-18.21 tons/acre)
Tuber features:	Oval shaped tubers Smooth cream Skin Shallow pink eyes Cream flesh
Tuber dormancy:	Long (2.5-3 months)
Dry matter:	23%
Plant description:	Kenya Mpya is a semi- erect tall variety (about 1 meter in height) with strong stems and light green medium-sized leaves. It flowers scarcely and the flowers are white.
Level disease resistance/ tolerance:	Kenya Mpya is resistant to Late blight and PLRV
Seed producer:	Mainly produced by ADC-Molo and KALRO-Tigoni

KENYA SIFA



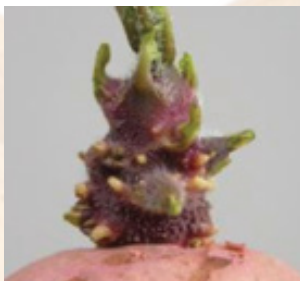
Use:	Table, Chips
Areas to be grown:	High altitude of 1800-2800 M.A.S.L. is the best. It does well in areas such as Nyandarua, Kiambu, Nyeri, Meru, Nakuru, Bomet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills
Maturity period:	Medium (3-4 Months)
Yield potential:	Low (<30 tons/ha or <12.14 tons /acre)
Tuber features:	Flat round in shape Smooth pink skin Medium deep eyes Cream flesh
Tuber dormancy:	Long dormancy (4-4.5 months)
Dry matter:	21.3%
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.
Level disease resistance/ tolerance:	Kenya Sifa is tolerant to Late blight and most potato viruses.
Seed producer:	Mainly produced by ADC-Molo and KALRO-Tigoni

KERR'S PINK



Use:	Chips, Crisps, Table
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 period:	Early (≤ 3 Months)
Yield potential:	Low (< 30 tons/ha or <12.14 tons /acre)
Tuber features:	Round shaped tubers Smooth pink skin Deep eyes Cream flesh
Tuber dormancy:	Long (2-3 Months)
Dry matter:	20%
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.
Level disease resistance/ tolerance:	Kerr's Pink is susceptible to Late blight.
Seed producer:	Mainly produced by KALRO - Tigoni

KONJO



Use:	Table, Chips
Areas to be grown:	For all regions suitable for potato production
Maturity period:	Medium (3-4 months)
Yield potential:	Medium (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Oblong shaped White predominant and pink secondary skin color Deep eyes Cream Flesh
Tuber dormancy:	Long (2.5-3 Months)
Dry matter:	19%
Plant description:	Konjo is a medium tall potato plant with strong semi erect stems and dark green medium size leaves. It has pink flowers.
Level disease resistance/ tolerance:	Konjo is resistant to Late blight and Potato Virus X (PVX), It is highly resistant to Potato Leaf Roll Virus (PLRV)
Seed producer:	Mainly produced by ADC-Molo, Gtil (apical cuttings and Minitubers only), and Kisima Farm



About Tinga

Tinga is a project of Quipbank Trust Limited that employs modern technology channels to allow farmers access farm mechanization. One of these being its online based platforms that enable farmers to register and order for services as groups or individuals using hand gadgets such as mobile phones, tablet or computers. This accessibility enables even small-scale farmers to enjoy farming equipment on short term leases. Tinga Community Model Concept works by allowing farmers to register for mechanization services as groups through already established units such as NGOs, Chama, SACCO, Co-operative Societies, or Churches. Tinga endeavors to address the mechanization problems faced by farmer as a result we offer the following services and equipment to aid in potato farming; chiselling, ploughing, harrowing, ridging, planting, and harvesting.

Chisel plough



Advantages of using a chisel plough:

- Deep tillage thus deep moisture penetration in the soil
- Reverts organic matter from building on the soil
- Aids in the conservation of soil moisture thus increased crop yields
- Reduces soil erosion
- Breaks soil hard pan
- Cuts on land preparation cost; you only cultivate the area you are going to plant into.

Potato planter advantages



- Makes planting of potato efficient, faster and more cost effective.
- Adjustable spacing and depth of planting makes it feasible for various soil types.
- Minimum labor requirement
- Ensures uniform growth and maturity, thereby ensuring better yield compared to manual planting.
- Has a drencher for use of fertilizer and at no extra cost

Potato harvester



Potato harvesting can be a very labour intensive and expensive affair and the use of inappropriate tools results in damage and poor quality of tubers. Up to 30% of yield loss at harvest can be recorded of the total yields for the manual harvesting as compared with only 2.5% for the mechanized operation.

The main advantages of mechanized potato harvesting include:

- It saves time
- Potato lifting
- Maximum yield as fewer tubers remain in the ground
- Less damage to tubers.

Transport and linkage to off-takers

Tinga links farmers to off-takers for quick access to markets. We support farmers to access markets by offering affordable transport through a truckshare model where a farmer only pays for the space occupied by their produce. You don't need to hire a whole truck for your produce, we deliver to your nearest collection point.

How to reach us

Email: requests@e-tinga.com Mobile App: Tinga Rental Stores Mobile: 0722 403 344 or 0113 205 131

KURODA



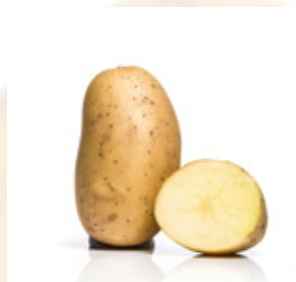
Use:	Chips, Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Medium (3-4 Months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Large oval tubers Red skin Shallow eyes Light yellow flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	23%
Plant description:	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
Level 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} .
Seed producer:	Agrico Potato Services Africa Limited

LADY AMARILA



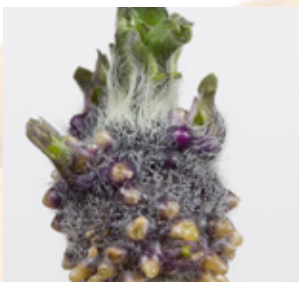
Use:	Chips, Crisps, Table
Areas to be grown:	Suitable for all potato-growing areas.
Maturity period:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Long-to-long oval Yellow skin Shallow eyes Deep yellow flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	Information not available
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.
Level disease resistance/ tolerance:	Lady Amarilla has good resistance, PVY ^{ntn} and PVY ^{A and X₁} . It has moderate resistance to Common scab and susceptible to Foliage blight
Seed producer:	Suera Farm/C. Meijer B.V

LADY BALFOUR



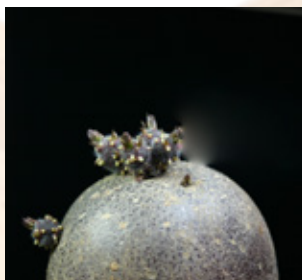
Use:	Table
Areas to be grown:	High altitude of 1800-2600 M.A.S.L is the best. It does well in areas such as Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha
Maturity period:	Medium (3-4 months)
Yield potential:	High (53-74tons/ha or 21.45-29.95 /acre)
Tuber features:	White cream skin Shallow eyes Cream flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	Information not available
Plant description:	Lady Balfour is in height a tall variety. Leaves are pale to medium green. It very rarely flowers.
Level disease resistance/ tolerance:	Highly resistant to late blight, powdery scab, blackleg and potato virus Y
Variety owner:	James Hutton Ltd

LADY TERRA



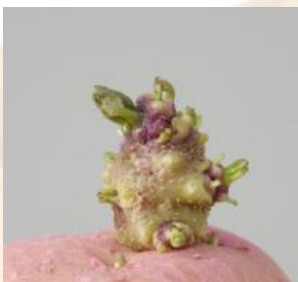
Use:	Chips, Table
Areas to be grown:	Medium to high altitude of 1400-3000 m.a.s.l. It does well in areas such as Nyandarua, Kiambu, Nyeri, Laikipia, Meru, Nakuru, Bomet, Narok, Kwale, Nandi, Kisii, Kericho, Elgeyo Marakwet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.
Maturity period:	Medium (3-4 Months)
Yield potential:	High (> 40 tons/ha or 16.19 ton/acre)
Tuber features:	Long/Oval Yellow skin Shallow eye depth Light yellow to white flesh color
Tuber dormancy:	Long (>2months)
Dry matter:	Information not available
Plant description:	Lady Terra has a very strong plant development. It gives an average number of tubers per plant and brings high yields. Lady Terra has average amount of white flowers.
Level disease resistance/ tolerance:	Medium resistance to Common scab and Leaf Roll Virus. Resistant to PCN Ro 1
Seed producer:	Suera Farm/C. MeijerBV

LAURA



Use:	Chips
Areas to be grown:	Suitable for all potato-growing areas
Maturity potential:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) under intensive management
Tuber features:	Oval-long tubers Red smooth skin Shallow eyes Deep yellow flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	Information not available
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.
Level 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.
Variety owner:	EuroPlant Aardappel B.V

LENANA



Use:	Chips, Table, crisps
Areas to be grown:	suitable for all potato-growing regions
Maturity period:	Medium (3-4 Months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Oblong shaped, Cream white skin Shallow eyes Cream flesh
Tuber dormancy:	Long (2-3 Months)
Dry matter:	22%
Plant description:	Lenana is a medium tall potato plant with strong semi erect stems and dark green medium size with white flowers.
Level disease resistance/ tolerance:	Lenana is resistant to Late blight, Potato Virus X & Potato Leaf Roll Virus
Seed producer:	Mainly produced by ADC-Molo

MANITOU



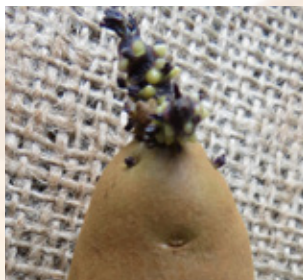
Use:	Chips, Table
Areas to be grown:	suitable for all potato-growing regions
Maturity period:	Late (>4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Red smooth skin Shallow eyes Cream flesh Good resistance to internal bruising
Tuber dormancy:	Long (>2 Months)
Dry matter:	19.3%
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. Manitou is rather sensitive to harvest damage, needs to be hardened off for 3 weeks
Level 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.
Seed producer:	Agrico Potato Services Africa Limited

MARKIES



Use:	Chips, Crisps, Table
Areas to be grown:	Suitable for all potato-growing regions
Maturity period:	Late (>4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Large, oval to long oval tubers, uniform in shape Yellow skin Shallow eyes Yellow flesh Good resistance to internal bruising
Tuber dormancy:	Long (>2 Months)
Dry matter:	23%
Plant description:	Markies is an erect tall variety with white flowers. The variety has good heat tolerance
Level disease resistance/ tolerance:	Markies is susceptible to early blight and late blight and needs an intensive crop protection program. Markies has moderate resistance to potato leaf roll virus (LRV), and good resistance to Virus A, Virus X and Ro1 of the Potato Cyst Nematodes. It is fairly susceptible to common scab.
Seed producer:	Agrico Potato Services Africa Limited

MAYAN GOLD



Use:	Chips, Table, crisps
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 period:	Maturity (3-4 Months)
Yield potential:	Low (>30 tons/ha or >12.14 tons/acre)
Tuber features:	Long oval tubers Rough yellow skin Medium eyes Yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	Information not available
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.
Level disease resistance/ tolerance:	Mayan Gold is moderately resistant to Late blight, Potato Virus Y (PVY) and Potato Leaf Roll Virus (PLRV)
Seed producer:	KALRO- Tigoni



MILVA



Use:	Table
Areas to be grown:	Suitable for all potato-growing regions
Maturity:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) under intensive management
Tuber features:	Oval tubers Yellow smooth skin, Seldom slightly netted shallow eyes Pure yellow flesh
Tuber dormancy:	(>2 Months)
Dry matter:	Information not available
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
Level disease resistance/tolerance:	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.
Variety owner:	EuroPlant Aardappel B.V

MUSICA



Use:	Chips, Table Has an excellent taste
Areas to be grown:	Suitable for all growing regions
Maturity:	Late (>4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) under intensive management
Tuber 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 (<1 Month)
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.
Level disease resistance/tolerance:	Musica is susceptible to Leaf blight, good resistance to Potato Virus X, Virus Yn and Common scab, immune to wart disease, resistant to Ro1 and Ro2 and 3 of the Potato Cyst Nematode.
Seed producer:	Suera Farm/C. Meijer B.V

NYOTA



Use:	Table
Areas to be grown:	For all regions suitable for potato production. It also does well in warm Conditions
Maturity period:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Oblong shaped White cream skin Shallow pinkish eyes Cream flesh
Tuber dormancy:	Long (2.5-3 Months)
Dry matter:	20%
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
Level disease resistance/ tolerance:	Nyota is tolerant to Late blight
Seed producer:	Mainly produced by ADC-Molo, KALRO-Tigoni

PANAMERA



Use:	Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Late (>4 month)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Large oval tubers Very bright and smooth yellow skin Yellow flesh colour Shallow eyes
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	20.8%
Plant description:	Panamera has very high and dense foliage with high number of white flowers
Level disease resistance/tolerance:	Panamera has good resistance to Late blight, Common and Powdery scab, wart disease and Early blight.
Seed producer:	Kisima Farm/HZPC Holland B.V

PURPLE GOLD



Use:	Crisps
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, Meru, Nakuru, Bomet, Uasin Gishu, Trans-Nzoia, West Pokot, Taita-Taveta and Cherangani hills.
Maturity period:	Medium (3-4 Months)
Yield potential:	Low (<30 tons/ha or <12.14 tons /acre)
Tuber features:	Round tubers, Smooth dark purple skin Medium eye depth White flesh
Tuber dormancy:	Long (4-4.5 Months)
Dry matter:	Information not available
Plant description:	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.
Level disease resistance/ tolerance:	Purple gold is moderately resistant to Late blight, PLRV and resistant to Potato Virus X (PVX).
Seed producer:	KALRO-Tigoni

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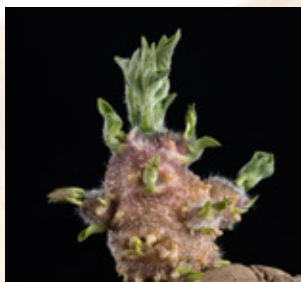
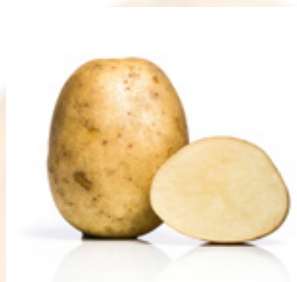


RAM



Use:	Chips and Crisps
Areas to be grown:	Altitude: from 1000 to 3000 masl. AEZ: UH 2-3, UM 1-2, LH 1-2 Sites: Kajiado, Kiambu, Limuru, Molo, Timau, Kamae, Isinya, Cherangany, Nyandarua and Narok
Maturity period:	Early (< 3 months)
Yield potential:	Low (25-30 t/ha or 10.1-12.4 tons/acre)
Tuber features:	White Cream skin Medium eyes Cream White flesh color
Tuber dormancy:	Medium 1-2 Months (6 weeks)
Dry matter:	24%
Plant description:	Rams is a medium tall potato variety with strong stems and light-green medium sized leaves. It also has white flowers. It is a mid-altitude crop and hence does well in both highlands and lowlands.
Level disease resistance/ tolerance:	Resistant to PCN (<i>G rostochiensis</i>), and tuber blemish diseases
Seed producer:	Kevian Kenya Seeds

REIVER



Use:	Table
Areas to be grown:	High altitude of 1800-2600 M.A.S.L is the best. It does well in areas such as Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha
Maturity period:	Medium (3-4 Months)
Yield potential:	High (46-49 t/ha or 18.6-19.8 tons/acre)
Tuber features:	White skin Shallow eyes Cream flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	Information not available
Plant description:	Reiver is in height a medium variety. The plant has upright stems. Medium to dark green foliage. It exhibits presence of white flowers
Level disease resistance/ tolerance:	Resistant to PCN (<i>G rostochiensis</i>), and tuber blemish diseases
Variety owner:	James Hutton Ltd

ROCK



Use:	Chips, Table
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 period:	Medium (3-4 Months)
Yield potential:	High (> 40 tons/ha or >16.19 tons/acre)
Tuber features:	Round/Oval Yellow skin Shallow eye depth Light yellow flesh
Tuber dormancy:	Long (> 2 months)
Dry matter:	20%
Plant description:	Rock has a very nice and equal development of the crop during the growing season. It gives a high number of tubers per plant and brings high yields. Rock has average amount of white flowers.
Level disease resistance/ tolerance:	Resistant to PCN Ro 1 – 3 and Pa 2. Medium resistance to Common scab and Leaf Roll Virus.
Seed producer:	Suera Farm/ C. Meijer B.V

RODEO



Use:	Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity:	Late (>4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Medium to big size Red skin Shallow eyes Yellow Flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	22%
Plant description:	Rodeo has high foliage development. It Flowers profusely and the flowers are violet
Level 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
Seed producer:	Kisima Farm/HZPC Holland B.V

ROYAL



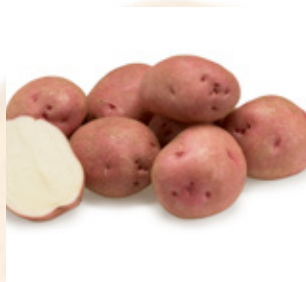
Use:	Chips, Table, crisp, flakes and granulate
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) under intense management)
Tuber features:	Large, round-oval tubers Yellow skin Shallow eyes Pale yellow-to-yellow flesh Good resistance to internal bruising
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	Information not available
Plant description:	Royal has dark green leaves and in most cases no flowering occurs, flowers are white with yellow tips.
Level disease resistance/ tolerance:	Royal is resistant to nematodes and wart diseases and has medium resistance to Late blight and scab.
Seed producer:	New Holland Chips/ Danespo BV

RUMBA



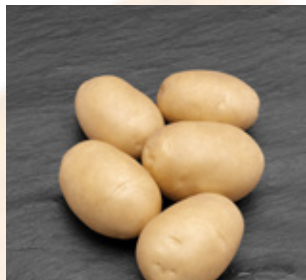
Use:	Crisps Excellent frying color and taste with low sugar content
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Medium (3-4 Months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Short-oval in shape tubers, (uniform grading) Yellow slightly netted skin Medium shallow eye Light yellow flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	20.9%
Plant description:	Rumba has white flowers with yellow tip. It has good tolerance to drought
Level disease resistance/ tolerance:	Rumba has high resistance to Late blight, Potato Virus Y, and Potato Leaf Roll Virus.
Variety owner:	EuroPlant Aardappel B.V

RUDOLPH



Use:	Table, Baking
Areas to be grown:	Suitable for all potato-growing areas.
Maturity period:	Medium (3-4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	<p>Large oval to round oval tubers, uniform in shape</p> <p>Red smooth to medium smooth skin</p> <p>Rather shallow eyes</p> <p>White flesh</p> <p>Moderately resistant to internal bruising</p>
Tuber dormancy:	Long (>2 Months)
Dry matter:	19%
Plant description:	Rudolph is an erect tall variety with medium to large dark green leaves. It flowers profusely and the flowers are pink. It is recommended to apply a short heat shock before planting. Desprouting once is optional. The best method to have a good tubers set is proper pre-sprouting after taking off the top sprout before planting.
Level disease resistance/ tolerance:	Rudolph is somewhat 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.
Seed producer:	Agrico Potato Services Africa Limited

SAGITTA



Use:	Table, Chips, Crisps
Areas to be grown:	All regions suitable for potato production
Maturity period:	Medium (3-4 Months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) under intensive production
Tuber features:	Oval tubers Yellow skin Shallow eyes Light yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	21.7%
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.
Level disease resistance/ tolerance:	Sagitta is resistant to PCN types <i>Globodera rostochiensis</i> and Wart disease <i>fysio 1</i> . It is highly resistant to Spraing, Tuber blight, and PVYn. It is tolerant to PVYntn in tuber, moderate resistant to Foliage blight and Common scab and good resistance to Powdery scab.
Seed producer:	Kisima Farm/HZPC Holland B.V

SAPRO MIRA



Use:	Chips, Table (tasty and floury tubers), Flakes
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Medium (3 to 4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Large, long-oval tubers uniform in shape Red skin Shallow eyes Pale yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	22.5%
Plant description:	Sarpo Mira grows very tall with vigorous weed suppressing foliage. It has pink flowers. The variety is high yielding and has good tolerance to drought
Level disease resistance/ tolerance:	Sarpo mira has extremely good resistance to Late blight (no spraying against blight needed) and Virus.
Seed producer:	New Holland Chips/ Danespo BV

SHANGI



Use:	Chips, Table
Areas to be grown:	≥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.
Maturity period:	Early (≤3 Months)
Yield potential:	Medium (30-40 tons/ha or 12.14-16.19 tons/acre)
Tubers features:	Oval shaped tubers Smooth cream skin Medium to deep eyes White flesh
Tuber dormancy:	Short (<1 Month)
Dry matter:	21.4%
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.
Level disease resistance/ tolerance:	Shangi is moderately susceptible to Late blight
Seed producer:	Mainly produced by ADC-Molo, KALRO-Tigoni and Kisima Farm

SHEREKEA



Use:	Table, Chips and Crisps Explore its excellent fry qualities and taste
Areas to be grown:	For all regions suitable for potato production
Maturity period:	Medium (3-4 Months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tuber features:	Round tubers Smooth red skin Deep eyes Cream flesh
Tuber dormancy:	Long (4-4.5 Months)
Dry matter:	21.3%
Plant description:	Sherekea is a semi-erect tall variety (slightly below 1 meter in height) with strong stems and light green, small to medium sized leaves. It flowers profusely and the flowers are light purple.
Level disease resistance/ tolerance:	Sherekea is resistant to Late blight and Potato Virus X
Seed producer:	Mainly produced by ADC-Molo, KALRO-Tigoni and Kisima Farm

SIFRA



Use:	Table (firm after cooking)
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Late (>4 month)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre)
Tubers features:	Large, round to round oval tubers Bright smooth light yellow skin Shallow eyes Cream flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	19.1%
Plant description:	Sifra is a medium to tall variety with dense foliage. It flowers profusely and the flowers are white.
Level 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.
Seed producer:	Kisima Farm/HZPC Holland B.V

SORRENTO



Use:	Table and chips
Areas to be grown:	High altitude of 1800-2600 M.A.S.L is the best. It does well in areas such as Timau, Tigoni, Molo, Narok, Bomet, Timboroa, Nyandarua and Naivasha
Maturity period:	Medium (3-4 Months)
Yield potential:	High (41-53 t/ha or 16.60 21.45 tons/acre)
Tuber features:	Red blotched skin Shallow eyes Cream flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	Information not available
Plant description:	Sorrento is in height a medium variety. Medium to dark green foliage. It exhibits presence of white flowers.
Level disease resistance/ tolerance:	Good resistance to late blight and powdery scab,
Variety owner:	James Hutton Ltd

TAURUS



Use:	Crisps
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Medium (3-4 months)
Yield potential:	Medium (30-40 tons/ha or 12.14-16.19 tons/acre)
Tubers features:	Round to round oval tubers Yellow, smooth skin Medium deep eyes Pale yellow flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	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
Level 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
Seed producer:	Kisima Farm/HZPC Holland B.V

TIGONI



Use:	Table, good for frozen Chips
Areas to be grown:	For all regions suitable for potato production.
Maturity period:	Medium (3-4 months)
Yield potential:	Medium to high (35-45 tons/ha or 14.16-18.21 tons/acre)
Tubers features:	Long-oval tuber Smooth white skin Shallow eyes Pale yellow flesh
Tuber dormancy:	Long (2- 3 months)
Dry matter:	21.4%
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.
Level disease resistance/ tolerance:	Tigoni is highly tolerant to Late blight and extremely resistant to potato Virus X
Seed producer:	Mainly produced by ADC-Molo, KALRO-Tigoni

UNICA



Use:	Table, Chips Good chips quality combining flavor, texture, and appearance.
Areas to be grown:	Versatile variety recommended to all regions suitable for potato production. It also does well in non-traditional potato-growing areas like Kwale, Machakos, Kirinyaga, Embu, Lower Nyeri, Bungoma, Kisii and Transmara
Maturity period:	Early (2.5- 3.5 months)
Yield potential:	High (>45 tons/ha or >18 tons/acre)
Tuber features:	Oblong tubers Red Skin Shallow eyes Cream Flesh
Tuber dormancy:	Long (2.5-3.5 months)
Dry matter:	21%
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.
Level disease resistance/tolerance:	Unica is moderately resistant to Late blight, highly resistant to Potato Virus X (PVX), Potato Leaf Roll Virus (PLRV) and Potato Virus
Seed producer:	Mainly produced by ADC-Molo, GTIL (apical cuttings and Minitubers only) KALRO-Tigoni and Kisima Farm



VOYAGER



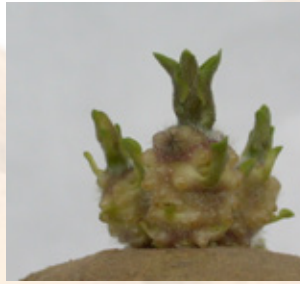
Use:	Chips, Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Late (>4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons / acre)
Tubers features:	Large long oval tubers Bright, smooth yellow skin Shallow eyes Yellow flesh
Tuber dormancy:	Long (>2 Months)
Dry matter:	21.1%
Plant description:	Voyager is a medium to tall plant .It flowers profusely and the flowers are white.
Level disease resistance/ tolerance:	Voyager has good resistance to Scab, medium resistance to Late blight and Early blight, resistant to Wart disease and <i>Globodera rostochiensis</i> .
Seed producer:	Kisima Farm/HZPC Holland B.V

WANJIKU



Use:	Table, Crisps
Areas to be grown:	For all regions suitable for potato production
Maturity period:	Early (2.5- 3.5 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/ acre)
Tuber features:	Oblong shaped, White cream skin Shallow pinkish eyes Cream flesh
Tuber dormancy:	Long (>3 Months)
Dry matter:	21%
Plant description:	Wanjiku is a medium tall potato plant with strong semi erect stems and dark green medium size leaves with pinkish flowers.
Level disease resistance/ tolerance:	Wanjiku is tolerant to Late blight, Potato Virus X & extremely tolerant to Potato Virus Y
Seed producer:	Mainly produced by ADC-Molo, KALRO-Tigoni

ZAFIRA



Use:	Table
Areas to be grown:	Suitable for all potato-growing areas
Maturity period:	Medium (3 - 4 months)
Yield potential:	High (>40 tons/ha or >16.19 tons/acre) under intensive management
Tubers features:	Big long oval in shape Yellow skin Very shallow eyes Light yellow flesh
Tuber dormancy:	Medium (1-2 Months)
Dry matter:	17.9%
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. Zafira is quite sensitive to harvest damage and bruising, needs hardening off for 3 weeks after dehauling and careful harvesting. It is recommended to apply a short heat shock before planting. Desprouting once is optional. The best method to have a good tubers set is proper pre-sprouting after taking off the top sprout before planting.
Level disease resistance/tolerance:	Zafira is resistant to PCN- Ro 1, and 4 and Common scab, quite resistant to Virus Yntn and Virus Yn, susceptible to Late blight (foliage) and Late blight (tuber) and has Medium to high resistance to Potato Leaf Roll Virus
Seed producer:	Agrico Potato Services Africa Limited





ZARINA



Use:	Table
Areas to be grown:	For all regions suitable for potato production. Zarina is well adapted to (sub) tropical circumstances.
Maturity period:	Early to medium (<3-4 Months)
Yield potential:	High (50 ton/ha or 20.24 tons per/acre)
Tuber features:	Oval medium size tubers Bright and smooth skin Yellow flesh
Tuber dormancy:	Short (<1 Month)
Dry matter:	Information not available
Plant description:	High, upright plant with medium to large leaves, quite light green. It flowers profusely and the flowers are white
Level disease resistance/ tolerance:	High resistance to Late blight, good resistance to Common scab, resistant to Leaf Roll Virus and nematodes (Globodera rostochiensis)
Seed producer:	Kisima Farm/HZPC Holland B.V

Say potato, say Agrico.

AGRICO POTATO SERVICES AFRICA LIMITED (PSA) supplies high-quality and high yielding certified seed potato varieties originating from The Netherlands. A selection of our top-performers in East Africa:

Variety	Maturing	Main Characteristics
<p>Arizona.</p> 	<p>Early (±95 days)</p>	<ul style="list-style-type: none"> ✓ Arizona is an early maturing table variety ✓ Yellow skin potato with big oval tubers, suitable for cooking, mashing or in stews ✓ Very high yielding in various climatic conditions, with a good heat tolerance ✓ For retail and the wakulima (local) market
<p>Destiny.</p> 	<p>Early (±90 days)</p>	<ul style="list-style-type: none"> ✓ Destiny is an early maturing ideal processing variety ✓ Good yield and good heat tolerance ✓ High number of round tubers with yellow skin and shallow pink eyes ✓ High dry matter content (23.7%) and very suitable for processing (crisping)
<p>Manitou.</p> 	<p>Medium (±110 days)</p>	<ul style="list-style-type: none"> ✓ Manitou is a maincrop ware variety with an attractive light red skin ✓ High yield and suitable for home fries (fresh) or table consumption ✓ Large oval tubers with shallow eyes ✓ Good heat tolerance
<p>Markies.</p> 	<p>Late (±120 days)</p>	<ul style="list-style-type: none"> ✓ Markies is a high-yielding, late maturing variety with multipurpose use ✓ Good for French fries (chips), crisps, or for fresh consumption (table) ✓ Large, yellow, uniform-sized oval tubers with shallow eyes



Agrico Potato Services Africa Ltd.

Contact: info@agrico.co.ke

Tel: +254 741 788 380 +254 742 844 207

Offices at Highlands Farm, Nakuru, KENYA

No	Variety	Maintainer and Source	Maturity (Months)	Yield (Ton /ha)	Use/special attributes
1	Roslin Eburu	KALRO –Tigoni	4 - 4.8	25-35	Very good storability
2	Roslin Tana	KALRO –Tigoni	2 – 3	35-45	Good chipping quality
3	Kenya Dhamana	KALRO –Tigoni	2 – 3	35-45	Good mashing quality
5	Kenya Chaguo	KALRO –Tigoni	2 – 3	30-40	Good mashing quality

For further information, please contact the following:

NPCK

Tel: 0799739578

Cell: 0712338633

Email: npck@npck.org

Website: www.npck.org SMS-Service 22384

KEPHIS

Tel: 020 3597201/2/3

Cell: 0722516221

Email: kephisinfo@kephis.org

Website: www.kephis.org

SMS-Service: 5354

KALRO-Tigoni

Tel: 020 2076915

Cell: 0727031783

Email: kalro.tigoni@kalro.org

Website: www.kalro.org

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Charvi Investment/EuroPlant Aardappel B.V

Den-hartigh

Agrico Potato Services Africa Limited



VIAZI SOKO DIGITAL PLATFORM

ABOUT THE PLATFORM

It enables farmers to:

- Query and receive feedback on seed potato information
- Book and order of seeds for the next season,
- Access to potato recommended fertilizers and approved agrochemicals
- Access to soil testing, mechanization and spray services,
- Access to extension and advisory services on GAPs,
- Access to pest and disease advisory services,
- Access to weather information and forecast

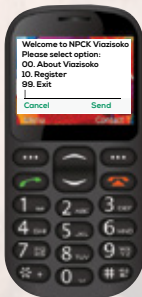
In order to access the above services, you need to register onto the viazisoko digital platform

The platform is available in three forms;

- USSD Short code service
- Android App
- Web based

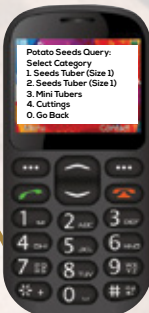
1 USSD SHORT CODE SERVICE

a) Registration



- 1) Dial ***483*331#** on your mobile phone.
- 2) Select option 10 "Register"
- 3) Enter your details to complete registration
(County, Sub county/ Constituency, Ward and Full names).
Note: After completion of registration, you will receive a confirmation text.

b) Querying For Seed



- 1) Dial ***483*331#** on your mobile phone.
- 2) Select option 1 "Seeds Query".
- 3) Select category (i) Seed size 1 or size 2 (ii) Cuttings (iii) Minitubers.
- 4) Type the seed potato variety you are looking for and confirm.
- 5) The query will return 3 records closest to your location and summary information will be sent on SMS (Seed Company, location, contact person and contacts).

The upgrade of Viazisoko platform was supported by:



b) Seed Booking

- 1) Dial ***483*331#** on your mobile phone.
 - 2) Select option 2 **"Seeds Booking"**
 - 3) Select category (i) Seed size 1 or size 2 (ii) Cuttings (iii) Minitubers.
 - 4) Type the seed potato variety you want to book.
 - 5) The query will return 3 records closest to your location and summary information of the seed you can book is sent on SMS (Seed Company, location, contact person and contacts).
- Note: You need to complete the seed booking process through Viazhi soko-App or Web-based.

c) Weather Updates

- 1) Dial ***483*331#** on your mobile phone.
- 2) Select option 3 **"Weather Details"**.
- 3) Option 1 gives weather/ Forecast for the ward you are registered in. A 7 days weather forecast will be sent via an SMS
- 4) Option 2 gives Weather/ Forecast for other regions. Fill in the details for the specific region i.e. County, Sub-county, and Ward

d) Farm Service

1. Soil testing

- a) Dial ***483*331#** on your mobile phone.
- b) Select option 4 **"Farm Services"**
- c) Select option 1 **"Soil Testing"**
- d) Select county;
- e) Option 1 for the county you are registered in
- f) Option 2 for other regions. Type in the name of the county.

Note: You will receive an SMS with the details of the soil testing agents within the region.

2. Spraying

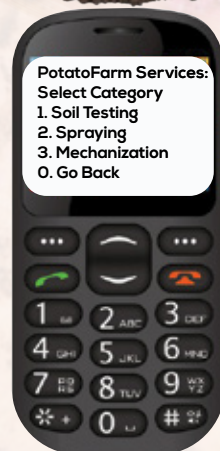
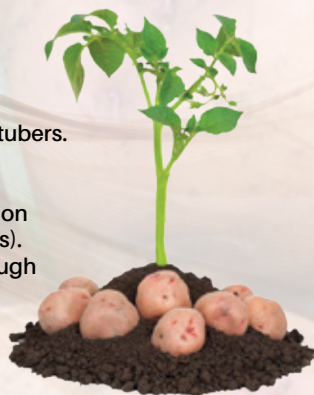
- a) Dial ***483*331#** on your mobile phone
- b) Select option 4 **"Farm Services"**.
- c) Select option 2 **"Spraying"**.
- d) Select county;
- e) Option 1 for the county you are registered in
- f) Option 2 for other regions. Type in the name of the county.

Note: You will receive an SMS with the details of the 3 spraying service providers within the region.

3. Mechanization

- a) Dial ***483*331#** on your mobile phone.
- b) Select option 4 **"Farm Services"**.
- c) Select option 3 **"Mechanization"**.
- d) Select county;
- e) Option 1 for the county you are registered in
- f) Option 2 for other regions. Type in the name of the county.

Note: You will receive an SMS with the details of the Mechanization Service Providers within the region



Other partners:



e) Farmer Groups



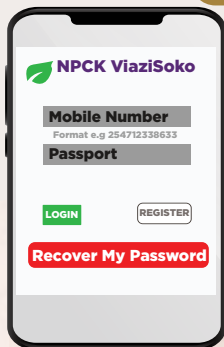
Joining your farmer group option

- 1) Dial ***483*331#** on your mobile phone
- 2) Select option 5 "Farmer group".
- 3) Search the name of your group or the contacts of the chairperson and request for joining
Note: Through the Web-based and Android App, the chairpersons can manage the members of the group. They can remove or add a new member

Manage your account

- 4) Dial ***483*331#** on your mobile phone
- 5) Select option 6 "my Account" then update your registration details

f) Usd To Web-based Or Android App



A farmer registered through USSD (***483*331#**) does not need to register again in Android App or Web-based to access the services. They just need to login on web-based platform or Android App by;

- 1) Clicking on "Login" option
- 2) Select "Recover My Password" option.
- 3) Enter the phone number used in USSD registration.
- 4) Click on "Recover Account" then enter the verification code sent to the phone number used during USSD registration.
- 5) Set/ enter a Password. (Should be 6 character)
- 6) Click on 'Change My Password' option.
- 7) Login into your account using the registered phone number and the password.

2. ANDROID APP

1. Accessing Android App

- i) Download and install the Viazisoko App from the Google play store.
(Search npck viazisoko on Google play store)

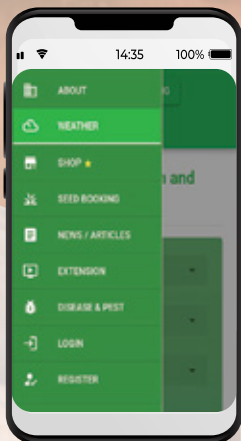
2. How to register using Android App

- i) To access the services you need to register, click on the icon on the upper left side of the screen to access the service window, then select register and fill in all the information required (full name, mobile number, password, county, constituency, ward, year of birth, size of the farm, crop farmed and animal reared).
- ii) Enter the verification code received via SMS.
- iii) Login to your account using the phone number and the password used during registration. (The phone number should always start with 254)

3. Accessing services on the app

Click on the icon on the upper left side of the screen to access the services window You have to login in order to access shop, seed booking and disease and pest services

- a) About
- i) Click on about to see the summary about the platform and its functions.



b) Weather

- i) Click on weather on the dashboard then select county, followed by constituency and ward.
- ii) Click on search and all the information on weather will be displayed on the screen.

c) Shop

- i) Click on the shop, then click on the service/product you want to shop e.g. seeds, soil testing etc.
 - ii) Click view details on the product selected to see the available stock and the price.
 - iii) On the box next to “add to cart” add the number of bags/ items you want to purchase then click on cart icon on the upper right side of the screen and add the collection point details.
 - iv) Then click on check out to get the LIPA NA MPESA option.
- NOTE:** To shop means looking for product/ service which is readily available and you can buy on spot.

To login you **MUST** be registered

d) Seed booking

- i) Click on seed booking option then click on filter by category to see the available seed category of your choice (seed tubers size 1 & 2, mini tubers, cuttings).
- ii) Click on view details to see the available stock and the price per 50kg bag, then click on the box next to add to booking cart and add the number of bags you want to book.
- iii) Click on cart icon on the upper right side of the screen, add the collection point details then click on check out to get the LIPA NA MPESA option.

NOTE: Seed booking is whereby one books seed which is not readily available at the moment but will be available in the next planting season.

e) Extension

- i) Click on extension icon to access the extension services
- ii) They are inform of short video clips on GAPs

f) Pest and diseases

- i) Click on Disease and Pest icon to access the service
- ii) Click on create new post to enable upload or take a photo
- iii) Allow your GPS location in your phone on
- iv) Take the photo of the pest or diseased crop & upload



Note: You can as well upload photos from your phone gallery previously taken

3 WEB-BASED

Access services through Web-based platform

- i) Go to your browser i.e. Chrome, Mozilla Firefox, Operamini, etc. and search www.npckviazisoko.com
- ii) Then this will lead you to NPCK Viazi soko portal

Note: The procedure for accessing services through Web-based platform is the same as for the Android App shown above.

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



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**Quality, certified seed for potato farmers
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Asante	Rodeo
Challenger	Sagitta
Desiree	Shangi
Dutch Robijn	Sherokea
Farida	Unica
Panamera	Voyager
Taurus	Zarina



**For more information, kindly email us at
potatoes@kisima.co.ke or call 0716 968 766
www.kisima.co.ke**





Prepared By:

Thariq Muchiri (NPCK), Emily Oseno (Kenya Netherlands Seed Potato Development Project), Judith Oyoo (KALRO-Tigoni), Samuel Ogola (KEPHIS), Corien Herweijer (Agrico Potato Services Africa Ltd), Dr. Dinah Borus (International Potato Centre)

Other Contributors:

Henry Chemjor (NPCK), Kelvin Maina (NPCK), Adrine Wanjiku (NPCK) and Oggema Sebastian (SNV)

Designed by: Joseph Wahome (Anko Graffix Ltd)

Printed by: Anko Graffix Ltd

Coordinated by: Wachira Kaguongo (NPCK)