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The potato (*Solanum tuberosum*), originating from South-America, is an increasingly important staple food all over the world. This is because potatoes contain nutritional elements that are important for our health, such as fibre, iron, potassium and vitamins B and C. They contain no fat, are low in calories and have an attractive taste. While the availability of fresh water will become a major concern in decades to come, potatoes offer the advantage over other major food crops of efficiently producing dry matter, protein and energy. Thanks to their many specific qualities, potatoes can be successfully grown under the most varied climate and production conditions all over the world.

The global potato sector has to cope with many different developments, such as changes in consumers’ diets, a growing trend towards convenience food and a healthy lifestyle. Supermarket chains and the processing industry are becoming ever more influential, competition is growing and consumers are demanding traceable, sustainable production. Another important development is the increasing acreage of other crops, for example those grown for the production of energy. And then there are the factors of climate change and better possibilities of communication.

Potato breeders constantly face the exciting challenge of responding to such developments by marketing new varieties to optimally meet consumers’ diverse wishes. Considering the success of Dutch varieties worldwide, the breeders of the range of Dutch potato varieties are obviously doing an excellent job. Every year, the Netherlands exports around 700,000 tonnes of high-quality seed potatoes to more than 70 countries all over the world.

Especially as far as seed potatoes are concerned, the Netherlands occupies a leading position. This is partly due to our country’s favourable geographical location, with a low risk of virus diseases, and its fertile soil. Also very important is our inspection organisation NAK (*Nederlandse Algemene Keuringsdienst*; Dutch General Inspection Service for Agricultural Seed and Seed Potatoes), our fundamental, practice-oriented research and good infrastructure. But the key sources of the Netherlands’ high productivity are good entrepreneurship, innovative entrepreneurs, efficient chain organisation and our wide range of varieties, which we constantly improve to meet the wishes of consumers all over the world. Foreign users of Dutch seed potatoes want potato varieties with specific characteristics, geared to their local conditions where possible. A new variety can succeed only after many years of trials and selection in the world’s main potato-growing areas.

Since 1975 the Netherlands Catalogue of Potato Varieties has been published on a regular basis. The catalogue contains a selection of varieties marketed by Dutch breeders, mainly potato varieties that are annually produced in the Netherlands on an acreage of more than 40 hectares. In the present catalogue, several varieties have been replaced by promising new ones that will become increasingly important for the potato industry. In view of the positive experiences with the catalogue’s availability on the Internet, the 2011 edition will also be accessible online in seven languages at www.nivap.nl. The printed version will only be available in English.

We hope that this 14th revised edition of the Netherlands Catalogue of Potato Varieties, combined with the multilingual internet version, will find its way to all parts of the world and contribute towards the further development of the potato industry. The right variety combined with the availability of high-quality seed potatoes is an essential prerequisite for profitable, sustainable cultivation. In the years to come, still many countries may experience to double their production by using the most suitable Dutch seed potatoes and the right cultivation methods. The information in the 2011 Catalogue of Potato Varieties offers you essential support for obtaining an optimum potato crop.

We would like to thank everyone who contributed to this publication, and also our sponsors LTO and NAO.

Mr. R. van Diepen,
managing-director of the NIVAP,
the Netherlands Potato Consultative Foundation
The Hague, 2011
This catalogue describes 116 varieties, arranged in alphabetical order. It specifies agricultural and morphological characteristics of each variety, accompanied by an illustration of the sprout and the tuber. Preceding the descriptions is a survey of the varietal characteristics presented in a table, enabling you to compare the various varieties and their characteristics at a glance. At the end of the catalogue you will find a survey of the varieties along with their breeders and representatives. The catalogue ends with the addresses of the representatives, exporters and relevant organisations.

**How to find the variety you want**

It’s very easy to find the seed potato you want. All you have to do is determine what requirements the variety must meet by considering your local cultivation conditions, envisaged sales and the product’s intended use. This way you will arrive at a set of characteristics that your potato must meet.

The most important characteristic of **ware potatoes** is a good consumption quality – i.e. good cooking behaviour and a good flavour. Productivity is of course a key factor, too. But even more important in view of the current trend towards minimisation of the use of fertilisers and crop protection agents is resistance to diseases, in particular late blight, virus diseases and nematodes. What is also becoming increasingly important now that potatoes are offered for sale as washed produce in consumer units in supermarkets is the tubers’ appearance.

For the **processing industry** a distinction must be made between French fries and crisps because the potatoes needed by the manufacturers of the two different products must meet different requirements. Generally speaking, productivity and resistance to diseases and pests are of prime importance in the case of these potatoes, too. Other key factors are dry matter content, tubershape, the percentage of large tubers and of course a low reducing sugar content.

Over the years, the **potato starch industry** has evolved from a seasonal industry to a more permanent processing industry. Besides the highest possible starch yield per hectare, keeping quality has therefore become particularly important. Diseases and pests play a role in the cultivation of these potatoes, too, again making resistance a major concern, in particular resistance to late blight and nematodes. Resistance to wart disease is also becoming an increasingly desirable characteristic.

**Agricultural characteristics**

The agricultural characteristics are specified per variety. They are also given in the table preceding the descriptions. The following characteristics are specified:

- maturity,
- tubers [shape, size, colour of the skin and flesh, depth of the eyes],
- yield [of a mature crop],
- dry matter content,
- consumption quality [cooking behaviour and colour after cooking],
- foliage development,
- resistance to e.g. leaf roll virus, A,X and Yn viruses, late blight, wart disease, potato cyst nematodes, scab and internal bruising.

The provided agricultural information is based on the research on Value for Cultivation and Use (VCU) and/or was supplied by the breeders concerned. Naktuinbouw also provided research data. The figures given for many characteristics in the tables apply to Dutch climate conditions. Varieties may show different behaviour under different climate conditions. Even so, the table gives a good indication of the behaviour that is to be expected with respect to most characteristics.
Morphological characteristics
The following morphological characteristics are given in the catalogue:

- plant characteristics such as size of the leaves, inflorescence,
- tuber characteristics such as shape, colour of the flesh and skin,
- sprout characteristics such as shape, colour and pubescence.

The morphological characteristics specified in this catalogue were provided by Naktuinbouw. Naktuinbouw’s department for Variety Testing is the only organisation in the Netherlands authorised to test cultivated vegetable, agricultural and ornamental products to assess their DUS (Distinctness, Uniformity & Stability) for registration and/or for the purpose of granting plant breeders’ rights. The assessments are commissioned by the national and European (registration) authorities, i.e. the Dutch Raad voor Plantenrassen (RvP; Board of Plant Variety Protection) and the Community Plant Variety Office (CPVO). The aim of this DUS testing is to determine whether a variety qualifies for registration and plant breeders’ rights and inclusion in the Nederlands Rassenregister (NRR; Dutch List of Varieties). Naktuinbouw performs the DUS tests for the Dutch potato sector, but also for sectors in Belgium, Denmark and France, via bilateral agreements between the RvP and these countries. The DUS tests comply with the guidelines of the UPOV and/or protocols of the CPVO. In addition to this DUS testing, the RvP and CPVO also test submitted varieties to assess their novelty and correct nomenclature.
For an explanation of the figures and letters, see pages 24-39. The characteristics are based on Dutch conditions.

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For an explanation of the figures and letters, see pages 24-39. The characteristics are based on Dutch conditions.

### Characteristics

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### Resistance

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<th>SINORA</th>
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<th>SYLVANA</th>
<th>TAURUS</th>
<th>ULTRA</th>
<th>VICTORIA</th>
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### Explanatory notes on the table of variety properties

**Maturity**
- 9 very early
- 8 early
- 7 medium early
- 6 medium early to medium late
- 5 medium late
- 4 late
- 3 very late

**Dormancy**
- 9 very long
- 8 long to very long
- 7 long
- 6 medium to long
- 5 medium long
- 4 short to medium long
- 3 short

**Foliage development**
- 9 very good
- 8 good
- 7 fairly good
- 6 average
- 5 medium-sized
- 4 small
- 3 very small

**Skin colour**
- dg dark yellow
- g yellow
- lg pale yellow
- dr dark red
- r red
- lr light red
- br reddish brown
- g(r) yellow with red eyes

**Flesh colour**
- 9 dark yellow
- 8 yellow
- 7 fairly yellow
- 6 pale yellow
- 5 yellowish-white
- 4 white

**Tuber shape**
- r round
- ro round-oval
- o oval
- l long
- lo long-oval

**Shallowness of eyes**
- 9 very shallow
- 8 shallow
- 7 rather shallow
- 6 moderately deep
- 5 rather deep
- 4 deep
- 3 very deep

**Tuber size**
- 9 very large
- 8 large
- 7 large
- 6 medium-sized
- 5 small
- 4 very small

**Yield (mature) & dry matter content**
- 9 very high
- 8 high
- 7 good
- 6 medium
- 5 low
- 4 very low

**Cooking type**
- A firm
- B fairly firm
- C floury
- D very floury

**Suitable for**
- v fresh consumption
- f french fries
- c crisps
- s salads
- b bakers
- p mashed potatoes
- i industrial processing
- z starch production
- zz starch production only

**Resistances (virus, phytophthora, common scab, internal bruising)**
- r resistant
- 9 very good resistance
- 8 good resistance
- 7 fairly good resistance
- 6 moderately resistant
- 5 fairly susceptible
- 4 susceptible
- 3 very susceptible

**Wart disease (fysio 1)**
- o resistant

**Resistance to potato cyst nematodes**
- Ro1 pathotype 1 of Globodera rostochiensis
- Ro2,3 pathotype 2,3 of Globodera rostochiensis
- Pa2 pathotype 2 of Globodera pallida
- Pa3 pathotype 3 of Globodera pallida
- ≥ 7 resistant
- - no proven resistance
<table>
<thead>
<tr>
<th>Vroegrijpheid</th>
<th>Vleeskleur</th>
<th>Grootte van de knollen</th>
<th>Resistenties (virussen, phytophthora, schurft en stootblauw)</th>
<th>Wratziekte (fysio 1)</th>
<th>Resistentie tegen aardappelcysteaaltjes</th>
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<td>s salades</td>
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<td>p puree</td>
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<td>i industriële verwerking</td>
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<td>f frites</td>
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<td>z zetmeel</td>
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<td>7 resistent</td>
<td>zz uitsluitend zetmeelindustrie</td>
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<p>|         |                       | ≥ 7 resistent | ≥ 7 resistent | ≥ 7 resistent |
|         |                       | resistentie niet bewezen | resistentie niet bewezen | resistentie niet bewezen |</p>
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<td>v consommation de frais  f frites  c chips  s salades  b faire griller  p purée  i transformation industrielle  z féculerie  zz féculerie uniquement</td>
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<td><strong>Galle verruqueuse (fysio 1)</strong></td>
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<td>patatas fritas</td>
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<td>Grossezza del tuberi</td>
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<td>9  molto grande</td>
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<tr>
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<td>8  elevata</td>
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<td>7  buona</td>
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<tr>
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<td></td>
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</tr>
<tr>
<td>A   resistente alla cottura</td>
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<td></td>
</tr>
<tr>
<td>B   alquanto resistente alla cottura</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C   farinosa</td>
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<td></td>
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<tr>
<td>D   molto farinosa</td>
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</tr>
<tr>
<td>Adatta</td>
<td></td>
<td></td>
</tr>
<tr>
<td>v   consumo fresco</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f   patate fritte</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c   patatine</td>
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<td></td>
</tr>
<tr>
<td>s   insalate</td>
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<td></td>
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<tr>
<td>b   abbrustolire</td>
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<td></td>
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<tr>
<td>p   puré</td>
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<td></td>
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<td>i   trasformazione industriale</td>
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<td>z   trasformazione in fecola</td>
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</tr>
<tr>
<td>Resistenza a nematode della patata</td>
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<td></td>
</tr>
<tr>
<td>Ro1  patotipi 1 di Globodera rostochiensis</td>
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<td></td>
</tr>
<tr>
<td>Ro2,3 patotipi 2,3 di Globodera rostochiensis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pa2  patotipi 2 di Globodera pallida</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pa3  patotipi 3 di Globodera pallida</td>
<td></td>
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</tr>
<tr>
<td>≥ 7  resistente</td>
<td></td>
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</tr>
<tr>
<td>-   nessun resistenza provato</td>
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Explicação do resumo das características das variedades

<table>
<thead>
<tr>
<th>Maturação</th>
<th>Cor da polpa</th>
<th>Tamanho dos tubérculos</th>
<th>Resistência (virus, phytophthora, sarna comun, azulamento)</th>
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</thead>
<tbody>
<tr>
<td>9 muito precoce</td>
<td>9 amarelo escuro</td>
<td>9 muito grande</td>
<td>r resistente</td>
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<tr>
<td>8 precoce</td>
<td>8 amarela</td>
<td>8 grande</td>
<td>9 muito boa resistência</td>
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<td>7 semiprecoce</td>
<td>7 bastante amarela</td>
<td>7 grande</td>
<td>8 boa resistência</td>
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<tr>
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<td>6 amarelo claro</td>
<td>6 semigrande</td>
<td>7 bastante resistência</td>
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<td>5 semitardia</td>
<td>5 branco amarelo</td>
<td>5 pequeno</td>
<td>6 moderadamente resistente</td>
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<tr>
<td>4 tardia</td>
<td>4 polpa branca</td>
<td>4 muito pequeno</td>
<td>5 bastante susceptível</td>
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<tr>
<td>3 muito tardia</td>
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<td>4 susceptível</td>
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<tr>
<th>Dormência</th>
<th>Forma dos tubérculos</th>
<th>Produção (maduro) &amp; matéria seca</th>
<th>Resistência à nématode de cisto</th>
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<tbody>
<tr>
<td>9 muito longa</td>
<td>r redonda</td>
<td>9 muito alto</td>
<td>Ro1 patótipo 1 de Globodera rostochiensis</td>
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<tr>
<td>8 longa até muito longa</td>
<td>ro redondo-ovalada</td>
<td>8 alto</td>
<td>Ro2,3 patótipo 2,3 de Globodera rostochiensis</td>
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<td>o oval</td>
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<td>Pa2 patótipo 2 de Globodera pallida</td>
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<td>6 semi-longa até longa</td>
<td>l alongada</td>
<td>6 moderado</td>
<td>Pa3 patótipo 3 de Globodera pallida</td>
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<td>lo oval-alongada</td>
<td>5 baixo</td>
<td></td>
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<td>4 curta até semi-longa</td>
<td></td>
<td>4 muito baixo</td>
<td></td>
</tr>
<tr>
<td>3 curta</td>
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<table>
<thead>
<tr>
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<th>Profundidade dos olhos</th>
<th>Tipo cozinhado</th>
<th>Própria para</th>
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</thead>
<tbody>
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<td>9 muito superficiais</td>
<td>A consistente</td>
<td>v consumo fresco</td>
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<tr>
<td>8 boa</td>
<td>8 superficiais</td>
<td>B bastante consistente</td>
<td>f batatas fritas</td>
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<tr>
<td>7 bastante boa</td>
<td>7 bastante superficiais</td>
<td>C farinhenta</td>
<td>c batatas fritas de pacote</td>
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<tr>
<td>6 mediana</td>
<td>6 semiprofundos</td>
<td>D muito farinhenta</td>
<td>s saladas</td>
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<td>5 bastante profundos</td>
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<td>b assar</td>
</tr>
<tr>
<td>4 profundos</td>
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<td>p puré</td>
</tr>
<tr>
<td>3 muito profundos</td>
<td>3 muito profundos</td>
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<td>i processamento industrial</td>
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<tr>
<th>Cor da casca</th>
<th>Própria para</th>
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<tr>
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<tr>
<td>g amarela</td>
<td>f batatas fritas</td>
</tr>
<tr>
<td>lg amarelo claro</td>
<td>c batatas fritas de pacote</td>
</tr>
<tr>
<td>dr vermelho escuro</td>
<td>s saladas</td>
</tr>
<tr>
<td>r vermelha</td>
<td>b assar</td>
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<tr>
<td>lr vermelho escuro</td>
<td>p puré</td>
</tr>
<tr>
<td>br vermelho acastanhado</td>
<td>i processamento industrial</td>
</tr>
<tr>
<td>g(r) amarela e olhos vermelhas</td>
<td>z fécula</td>
</tr>
<tr>
<td></td>
<td>zz somente indústria de fécula</td>
</tr>
</tbody>
</table>
## Erläuterung zur Übersicht der Sorteneigenschaften

### Reifezeit
- 9 sehr früh
- 8 früh
- 7 mittelfrüh
- 6 mittelfrüh bis mittelspät
- 5 mittelspät
- 4 spät
- 3 sehr spät

### Keimruhe
- 9 sehr lang
- 8 lang bis sehr lang
- 7 lang
- 6 mittellang bis lang
- 5 mittellang
- 4 kurz bis mittellang
- 3 kurz

### Krautentwicklung
- 9 sehr gut
- 8 gut
- 7 ziemlich gut
- 6 mittelmäßig

### Schalenfarbe
- dg dunkelgelb
- g gelb
- lg hellgelb
- dr dunkelrot
- r rot
- lr hellrot
- br braunrot
- g[r] gelb mit rote Augen

### Fleischfarbe
- 9 dunkelgelb
- 8 gelb
- 7 ziemlich gelb
- 6 hellgelb
- 5 weißgelb
- 4 weiß

### Knollengröße
- 9 sehr groß
- 8 groß
- 7 groß
- 6 mittelgroß
- 5 klein
- 4 sehr klein

### Knollenform
- r rund
- ro rundoval
- o oval
- l lang
- lo langoval

### Augenlage
- 9 sehr flachäugig
- 8 flachäugig
- 7 ziemlich flachäugig
- 6 mitteltiefäugig
- 5 ziemlich tiefäugig
- 4 tiefäugig
- 3 sehr tiefäugig

### Fleischfarbe
- 9 dunkelgelb
- 8 gelb
- 7 ziemlich gelb
- 6 hellgelb
- 5 weißgelb
- 4 weiß

### Knollengröße
- 9 sehr groß
- 8 groß
- 7 groß
- 6 mittelgroß
- 5 klein
- 4 sehr klein

### Ertrag (in reifen Zustand) und Trockenstoffgehalt
- 9 sehr hoch
- 8 hoch
- 7 gut
- 6 mäßig
- 5 niedrig
- 4 sehr niedrig

### Kochtyp
- A festkochend
- B ziemlich festkochend
- C mehlig
- D sehr mehlig

### Geeignet für
- v frischen Verzehr
- f Pommes frites
- c Chips
- s Salate
- b rösten
- p Püree
- i industrielle Verarbeitung
- z Stärke
- zz ausschließlich die Stärkeindustrie

### Resistenz (Virus, phytophthora, Schorf, Blaufleckigkeit)
- r resistent
- 9 sehr gute Resistenz
- 8 gute Resistenz
- 7 ziemlich resistent
- 6 mäßig resistent
- 5 ziemlich anfällig
- 4 anfällig
- 3 sehr anfällig

### Krebs (fysio 1)
- o krebsfest

### Resistenz gegen Kartoffelnematode
- Ro1 Pathotyp 1 de Globodera rostochiensis
- Ro2,3 Pathotyp 2,3 de Globodera rostochiensis
- Pa2 Pathotyp 2 de Globodera pallida
- Pa3 Pathotyp 3 de Globodera pallida

≥ 7 resistent
- kein nachgewiesener Resistenz
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<tr>
<th>Wyjaśnienia symboli opisu właściwości odmian</th>
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### Dojrzewanie

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<td>bardzo wczesne</td>
<td>wczesne</td>
<td>średnio wczesne</td>
<td>średnio wczesne - średnio późne</td>
<td>średnio późne</td>
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### Okres spoczynku

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<td>długi</td>
<td>średni - długi</td>
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### Rozwój liści

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### Kolor miąższu

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<td>lekko żółty</td>
<td>jasnożółty</td>
<td>żółtawo-biały</td>
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### Rozmiar bulw

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<td>średni - duże</td>
<td>małe</td>
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### Kolor miąższu

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### Głębokość oczek

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<td>dość głębokie</td>
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### Typ konsumpcyjny

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### Przeznaczenie

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<td>chipsy</td>
<td>sałatki</td>
<td>pieczenie</td>
<td>puree</td>
<td>przetwórstwo przemysłowe</td>
<td>produkcja skrobi</td>
<td>wyłącznie produkcja skrobi</td>
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### Odporność

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### Rak ziemniaka (fysio 1)

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<td>2,3 of Globodera rostochiensis</td>
<td>2,3 of Globodera pallida</td>
<td>3 of Globodera pallida</td>
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### Odporność na mątwiki

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<tbody>
<tr>
<td>patotyp 1 Globodera rostochiensis</td>
<td>patotyp 2 of Globodera rostochiensis</td>
<td>patotyp 3 of Globodera pallida</td>
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<table>
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<tr>
<td>spożycie bezpośrednie</td>
<td>frytki</td>
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<td>produkcja skrobi</td>
<td>wyłącznie produkcja skrobi</td>
<td></td>
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</tr>
</tbody>
</table>
Agricultural characteristics

Maturity • early; medium to long dormancy.

Tubers • large, round-oval, uniform in shape, yellow skin, rather shallow eyes; good resistance to internal bruising.

Yield • high; uniform in grading.

Dry matter • very low.

Consumer Quality • firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage • fairly good.

Diseases • very susceptible to leaf blight, good resistance to tuber blight; moderately resistant to leaf roll, fairly good resistance to virus A, good resistance to virus X, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • short to medium and intermediate type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; medium to large, light to medium green leaves and closed silhouette; absent or very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • round-oval; yellow, medium rough to rough skin; pale yellow flesh; rather shallow eyes.

Sprouts • large, broad cylindrical, weak intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with absent or very weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • very early to early; medium to long dormancy.

Tubers • large, oval, uniform in shape, yellow skin, rather shallow eyes; good resistance to internal bruising.

Yield • medium to low; very uniform in grading.

Dry matter • very low.

Consumer Quality • firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • very susceptible to leaf blight, very good resistance to tuber blight; fairly good resistance to leaf roll, fairly good resistance to virus A, very good resistance to virus X, fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and stem type foliage structure; stems semi-upright to spreading and weak to medium anthocyanin colouration; very large, light to medium green leaves and closed to intermediate silhouette; high frequency of flowers, medium anthocyanin colouration inner side flower corolla.

Tubers • oval; yellow, smooth to medium smooth skin; pale yellow flesh; rather shallow eyes.

Sprouts • medium to large, broad cylindrical, weak to medium intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with absent or very weak anthocyanin colouration of tip; few to medium root tips.
**Agricultural characteristics**

- **Maturity**: early; short to medium long dormancy.
- **Tubers**: large, oval, very uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.
- **Yield**: high; very uniform to uniform in grading.
- **Dry matter**: low.
- **Consumer Quality**: firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.
- **Foliage**: good.
- **Diseases**: fairly susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to leaf roll, fairly susceptible to virus X, fairly good resistance to virus Y\(^{n}\); immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

**Morphological characteristics**

- **Plant**: short and leaf type foliage structure; stems spreading and absent or very weak anthocyanin colouration; medium to large, light to medium green leaves and closed to intermediate silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
- **Tubers**: oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.
- **Sprouts**: medium, broad cylindrical, very weak to weak intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium root tips.
AGRIA  Quarta x Semlo

Agricultural characteristics

- **Maturity**: medium early to medium late; long dormancy.
- **Tubers**: large, long-oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.
- **Yield**: very high; uniform in grading.
- **Dry matter**: good.
- **Consumer Quality**: fairly firm in cooking; traces of after cooking blackening; suitable for french fries.
- **Foliage**: good.
- **Diseases**: fairly susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, very good resistance to virus A, resistant to virus X, good resistance to virus Yn; resistant to Ro1 of the potato cyst nematode; susceptible to common scab.

Morphological characteristics

- **Plant**: tall and intermediate type foliage structure; stems upright to semi-upright and medium anthocyanin colouration; large, medium green leaves and intermediate to open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
- **Tubers**: long-oval; yellow, smooth to medium smooth skin; yellow flesh; shallow eyes.
- **Sprouts**: large, broad cylindrical, strong to very strong intensity of anthocyanin colouration and very strong to strong pubescence of base; medium terminal bud with strong to very strong anthocyanin colouration of tip; few to medium root tips.
### Agricultural characteristics

**Maturity**
- medium early; medium long dormancy.

**Tubers**
- large, round-oval, very uniform to uniform in shape, yellow skin, rather shallow eyes; very good resistance to internal bruising.

**Yield**
- high; very uniform to uniform in grading.

**Dry matter**
- good to medium.

**Consumer Quality**
- fairly firm to floury in cooking; little to slight discolouration of after cooking blackening; suitable for fresh consumption.

**Foliage**
- fairly good.

**Diseases**
- fairly good resistance to leaf blight, good resistance to tuber blight; fairly good resistance to leaf roll, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

### Morphological characteristics

**Plant**
- medium and intermediate type foliage structure; stems semi-upright and weak anthocyanin colouration; large, light to medium green leaves and intermediate silhouette; medium frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

**Tubers**
- round-oval; yellow, medium rough skin; yellowish-white flesh; rather shallow eyes.

**Sprouts**
- medium, conical, medium to strong intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with medium anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • medium late to late; long dormancy.

Tubers • medium-sized, round, uniform to moderately uniform in shape, yellow skin, rather shallow to moderately deep eyes; moderately resistant to internal bruising.

Yield • medium to low; uniform to moderately uniform in grading.

Dry matter • very high.

Consumer Quality • fairly firm to floury in cooking; slight discolouration of after cooking blackening; suitable for crisps and mashed potatoes.

Foliage • good to fairly good.

Diseases • fairly susceptible to leaf blight, very good resistance to tuber blight; moderately resistant to leaf roll, moderately resistant to virus A, moderately resistant to virus X, fairly susceptible to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • medium to tall and stem type foliage structure; stems upright to semi-upright and weak to medium anthocyanin colouration; medium to large, medium to dark green leaves and closed to intermediate silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • round; yellow, rough skin; white flesh; rather shallow to moderately deep eyes.

Sprouts • small, spherical, weak to medium intensity of anthocyanin colouration and medium to weak pubescence of base; medium terminal bud with very weak to weak anthocyanin colouration of tip; few root tips.
ALMERA

**BM 77-2102 x AR 80-031-20**

Agricultural characteristics

**Maturity**
- medium early; medium long dormancy.

**Tubers**
- large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

**Yield**
- very high to high; uniform in grading.

**Dry matter**
- low.

**Consumer Quality**
- firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

**Foliage**
- fairly good.

**Diseases**
- susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, moderately resistant to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

**Plant**
- medium and intermediate type foliage structure; stems upright to semi-upright and absent or very weak anthocyanin colouration; medium to large, medium green leaves and open silhouette; low to medium frequency of flowers, medium anthocyanin colouration inner side flower corolla.

**Tubers**
- long-oval; yellow, smooth skin; pale yellow flesh; shallow eyes.

**Sprouts**
- medium, conical, medium intensity of anthocyanin colouration and strong to medium pubescence of base; very small to small terminal bud with weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity
- early; medium to long dormancy.

Tubers
- medium-sized, oval to long-oval, uniform in shape, yellow skin, shallow eyes; fairly susceptible to internal bruising.

Yield
- good; uniform to moderately uniform in grading.

Dry matter
- good.

Consumer Quality
- fairly firm to floury in cooking; little after cooking blackening; suitable for french fries.

Foliage
- good.

Diseases
- susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to virus Y⁺; resistant to Pa2 and Pa3 of the potato cyst nematode; susceptible to common scab.

Morphological characteristics

Plant
- medium and leaf type foliage structure; stems semi-upright and absent or very weak anthocyanin colouration; large, medium green leaves and closed to intermediate silhouette; medium frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
- oval to long-oval; yellow, medium rough skin; pale yellow flesh; shallow eyes.

Sprouts
- large, conical, medium to strong intensity of anthocyanin colouration and strong pubescence of base; medium terminal bud with medium anthocyanin colouration of tip; medium root tips.
AMBRA

Berber x Caesar

Agricultural characteristics

Maturity • early to medium early; long dormancy.
Tubers • very large to large, oval, uniform in shape, yellow skin, shallow to rather shallow eyes; good resistance to internal bruising.
Yield • good; uniform in grading.
Dry matter • very low.
Consumer Quality • fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.
Foliage • fairly good to average.
Diseases • susceptible to leaf blight, moderately resistant to tuber blight; good resistance to virus Y\(^{+}\); immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright and weak anthocyanin colouration; medium to dark green leaves; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • oval; yellow, smooth skin; fairly yellow flesh; shallow to rather shallow eyes.
Sprouts • medium to large, broad cylindrical, medium intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium to many root tips.
### Agricultural characteristics

**Maturity**
- medium early; medium to long dormancy.

**Tubers**
- large, round-oval, uniform in shape, yellow skin, shallow eyes; moderately resistant to internal bruising.

**Yield**
- medium to low; uniform in grading.

**Dry matter**
- high.

**Consumer Quality**
- fairly firm to floury in cooking; traces of after cooking blackening; suitable for french fries.

**Foliage**
- good.

**Diseases**
- susceptible to leaf blight, fairly good resistance to tuber blight; fairly susceptible to virus X, fairly good resistance to virus Y'; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

### Morphological characteristics

**Plant**
- medium to tall and stem type foliage structure; stems semi-upright and absent or very weak anthocyanin colouration; medium, dark green leaves and open silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- round-oval; yellow, smooth to medium smooth skin; fairly yellow flesh; shallow eyes.

**Sprouts**
- medium to large, conical, weak to medium intensity of anthocyanin colouration and medium pubescence of base; small terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

- **Maturity**: medium early; short to medium long dormancy.
- **Tubers**: large, long-oval, uniform in shape, red skin, rather shallow eyes; good resistance to internal bruising.
- **Yield**: very high; uniform in grading.
- **Dry matter**: medium.
- **Consumer Quality**: firm to fairly firm in cooking; slight discolouration of after cooking blackening; suitable for fresh consumption.
- **Foliage**: fairly good.
- **Diseases**: susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to leaf roll, fairly good resistance to virus Y²; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

- **Plant**: medium to tall and intermediate type foliage structure; stems semi-upright and strong to very strong anthocyanin colouration; medium to large, medium green leaves and intermediate silhouette; low to medium frequency of flowers, weak anthocyanin colouration inner side flower corolla.
- **Tubers**: long-oval; red, smooth to medium smooth skin; pale yellow flesh; rather shallow eyes.
- **Sprouts**: large, conical, strong intensity of anthocyanin colouration and strong pubescence of base; medium to large terminal bud with weak anthocyanin colouration of tip; medium root tips.
ANAÏS

Monalisa x Lizen

Maturity
- very early; medium long dormancy.

Tubers
- large, oval, uniform in shape, yellow skin, moderately deep eyes; internal bruising.

Yield
- high; very uniform in grading.

Dry matter
- low.

Consumer Quality
- firm to fairly firm in cooking; none of after cooking blackening; suitable for fresh consumption.

Foliage
- fairly good.

Diseases
- susceptible to leaf blight; susceptible to leaf roll, resistant to virus A, susceptible to virus Yn; susceptible to common scab.

Morphological characteristics

Plant
- medium to tall; stems semi-upright and very weak to weak anthocyanin colouration; medium, medium green leaves and closed to intermediate silhouette; low frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
- oval; yellow, smooth to medium smooth skin; yellow flesh; moderately deep eyes.

Sprouts
- large, conical, none or very weak intensity of anthocyanin colouration and strong to medium pubescence of base; medium to large terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
**Agricultural characteristics**

**Maturity**
- early; short dormancy.

**Tubers**
- medium-sized, long-oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

**Yield**
- high to good; uniform in grading.

**Dry matter**
- low.

**Consumer Quality**
- firm in cooking; none of after cooking blackening; suitable for fresh consumption.

**Foliage**
- fairly good.

**Diseases**
- susceptible to leaf blight, moderately resistant to tuber blight; good resistance to leaf roll; good resistance to virus Y\(^n\); immune to wart disease; resistant to Ro1 and Ro2/3 of the potato cyst nematode; fairly susceptible to common scab.

**Morphological characteristics**

**Plant**
- medium to tall and leaf type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; medium green leaves; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- long-oval; yellow, smooth skin; yellow flesh; shallow eyes.

**Sprouts**
- large, conical, weak to medium intensity of anthocyanin colouration and medium to strong pubescence of base; medium to large terminal bud with weak anthocyanin colouration of tip; medium root tips.
ANOSTA Ostara x Provita

Agricultural characteristics

Maturity
- early to medium early; medium to long dormancy.

Tubers
- large, round-oval, very uniform to uniform in shape, yellow skin, shallow eyes; moderately resistant to internal bruising.

Yield
- low; very uniform to uniform in grading.

Dry matter
- high to good.

Consumer Quality
- fairly firm to floury in cooking; little after cooking blackening; suitable for french fries.

Foliage
- fairly good.

Diseases
- very susceptible to leaf blight, very good resistance to tuber blight; moderately resistant to leaf roll, very good resistance to virus A, fairly susceptible to virus X, fairly good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant
- short to medium and intermediate type foliage structure; stems spreading and weak anthocyanin colouration; medium to large, medium to dark green leaves and open silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- round-oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.

Sprouts
- medium, conical, medium to strong intensity of anthocyanin colouration and strong pubescence of base; small to medium terminal bud with weak to medium anthocyanin colouration of tip; medium to many root tips.
**Agricultural characteristics**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Maturity</strong></td>
<td>early; medium to long dormancy.</td>
</tr>
<tr>
<td><strong>Tubers</strong></td>
<td>large, oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>good to medium; uniform in grading.</td>
</tr>
<tr>
<td><strong>Dry matter</strong></td>
<td>low.</td>
</tr>
<tr>
<td><strong>Consumer Quality</strong></td>
<td>firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.</td>
</tr>
<tr>
<td><strong>Foliage</strong></td>
<td>fairly good.</td>
</tr>
<tr>
<td><strong>Diseases</strong></td>
<td>susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, good resistance to virus X, moderately resistant to virus Y; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.</td>
</tr>
</tbody>
</table>

**Morphological characteristics**

<table>
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<tbody>
<tr>
<td><strong>Plant</strong></td>
<td>medium to tall and leaf type foliage structure; stems semi-upright to spreading and absent or very weak anthocyanin colouration; large, medium green leaves and intermediate silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.</td>
</tr>
<tr>
<td><strong>Tubers</strong></td>
<td>oval; yellow, smooth skin; pale yellow flesh; shallow eyes.</td>
</tr>
<tr>
<td><strong>Sprouts</strong></td>
<td>medium to large, conical, medium to strong intensity of anthocyanin colouration and strong pubescence of base; small to medium terminal bud with weak anthocyanin colouration of tip; medium root tips.</td>
</tr>
</tbody>
</table>
Agricultural characteristics

Maturity • medium early; medium long dormancy.

Tubers • large, long-oval, very uniform to uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield • very high; very uniform to uniform in grading.

Dry matter • low.

Consumer Quality • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage • good to fairly good.

Diseases • susceptible to leaf blight, fairly susceptible to tuber blight; moderately resistant to leaf roll, fairly susceptible to virus X, fairly susceptible to virus Y\(^{+}\); resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems semi-upright and weak anthocyanin colouration; large to very large, light to medium green leaves and intermediate silhouette; high to very high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.

Sprouts • large, broad cylindrical, very weak to weak intensity of anthocyanin colouration and strong pubescence of base; medium to large terminal bud with absent or very weak anthocyanin colouration of tip; many root tips.
ARMADA

Agricultural characteristics

Maturity • early to medium early; medium to long dormancy.
Tubers • very large, oval, uniform in shape, yellow skin, shallow to rather shallow eyes; fairly good resistance to internal bruising.
Yield • very high; very uniform to uniform in grading.
Dry matter • very low.
Consumer Quality • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption and bakers.
Foliage • fairly good.
Diseases • susceptible to leaf blight, fairly susceptible to tuber blight; fairly susceptible to leaf roll, very susceptible to virus A, fairly good resistance to virus X, fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; large, medium green leaves and intermediate silhouette; medium to high frequency of flowers, medium anthocyanin colouration inner side flower corolla.
Tubers • oval; yellow, medium rough skin; pale yellow flesh; shallow to rather shallow eyes.
Sprouts • large, conical, weak to medium intensity of anthocyanin colouration and medium to weak pubescence of base; medium to large terminal bud with medium to strong anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
- medium early; short to medium long dormancy.

Tubers
- very large to large, oval, very uniform to uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

Yield
- very high; uniform in grading.

Dry matter
- very low.

Consumer Quality
- firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage
- good.

Diseases
- fairly susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, susceptible to virus A, moderately resistant to virus X, moderately resistant to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- tall and intermediate type foliage structure; stems semi-upright and absent or very weak anthocyanin colouration; medium to large, light to medium green leaves and closed to intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.

Sprouts
- medium to large, conical, weak to medium intensity of anthocyanin colouration and strong to medium pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • early; medium to long dormancy.

Tubers • large, long-oval, uniform in shape, yellow skin, rather shallow eyes; good resistance to internal bruising.

Yield • high; uniform in grading.

Dry matter • medium.

Consumer Quality • fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage • fairly good.

Diseases • susceptible to leaf blight, good resistance to tuber blight; fairly good resistance to leaf roll, moderately resistant to virus X, fairly good resistance to virus Y*; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright and absent or very weak anthocyanin colouration; medium, light to medium green leaves and intermediate silhouette; very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; yellow, medium rough skin; pale yellow flesh; rather shallow eyes.

Sprouts • large, conical, none or very weak intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with absent or very weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

**Maturity**  • medium late; medium long dormancy.

**Tubers**  • large, long-oval, uniform in shape, red skin, shallow to rather shallow eyes; fairly good resistance to internal bruising.

**Yield**  • very high; uniform in grading.

**Dry matter**  • high to good.

**Consumer Quality**  • fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption and french fries.

**Foliage**  • good.

**Diseases**  • fairly susceptible to leaf blight, good resistance to tuber blight; moderately resistant to leaf roll, susceptible to virus A, resistant to virus X, fairly susceptible to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

**Plant**  • tall to very tall and intermediate type foliage structure; stems upright to semi-upright and strong anthocyanin colouration; large, dark green leaves and intermediate to open silhouette; high frequency of flowers, strong anthocyanin colouration inner side flower corolla.

**Tubers**  • long-oval; red, medium rough to rough skin; fairly yellow flesh; shallow to rather shallow eyes.

**Sprouts**  • large, broad cylindrical, strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium to large terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
**Agricultural characteristics**

**Maturity**
- late to very late; long dormancy.

**Tubers**
- large, round-oval, uniform to moderately uniform in shape, yellow skin, rather deep eyes; fairly susceptible to internal bruising.

**Yield**
- good to medium; uniform in grading.

**Dry matter**
- good.

**Consumer Quality**
- suitable for starch production only.

**Foliage**
- average.

**Diseases**
- fairly good resistance to leaf blight, fairly good resistance to tuber blight; susceptible to virus X, good resistance to virus Yn; immune to wart disease; resistant to Ro1, Ro2/3, Pa2 and Pa3 of the potato cyst nematode.

**Morphological characteristics**

**Plant**
- tall to very tall and intermediate type foliage structure; stems upright to semi-upright and weak to medium anthocyanin colouration; large, medium to dark green leaves and intermediate to open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- round-oval; yellow; white flesh; rather deep eyes.

**Sprouts**
- medium, conical, strong to very strong intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with medium anthocyanin colouration of tip; few to medium root tips.
**Agricultural characteristics**

**Maturity**
- medium late; long to very long dormancy.

**Tubers**
- large, round, uniform in shape, yellow skin, rather deep to deep eyes; moderately resistant to internal bruising.

**Yield**
- good to medium; uniform in grading.

**Dry matter**
- good.

**Consumer Quality**
- suitable for starch production.

**Foliage**
- good to fairly good.

**Diseases**
- fairly good resistance to leaf blight, fairly good resistance to tuber blight; good resistance to virus X, moderately resistant to virus Yn; immune to wart disease; resistant to Ro1, Ro2/3, Pa2 and Pa3 of the potato cyst nematode.

**Morphological characteristics**

**Plant**
- tall to very tall and leaf type foliage structure; stems semi-upright and absent or very weak anthocyanin colouration; light to medium green leaves; medium frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.

**Tubers**
- round; yellow; pale yellow flesh; rather deep to deep eyes.

**Sprouts**
- medium, ovoid, medium intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • late; medium to long dormancy.
Tubers • very large, oval, uniform to moderately uniform in shape, yellow skin, rather shallow eyes; fairly susceptible to internal bruising.
Yield • very high; very uniform to uniform in grading.
Dry matter • high.
Consumer Quality • fairly firm to floury in cooking; little after cooking blackening; suitable for fresh consumption.
Foliage • good.
Diseases • fairly susceptible to leaf blight, moderately resistant to tuber blight; good resistance to leaf roll, very good resistance to virus A, good resistance to virus X, good resistance to virus Yn; fairly susceptible to common scab.

Morphological characteristics

Plant • very tall and stem type foliage structure; stems upright and absent or very weak anthocyanin colouration; large, medium to dark green leaves and intermediate silhouette; high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.
Tubers • oval; yellow, medium rough skin; pale yellow flesh; rather shallow eyes.
Sprouts • medium, conical, medium intensity of anthocyanin colouration and medium pubescence of base; small terminal bud with very weak to weak anthocyanin colouration of tip; few root tips.
## Agricultural characteristics

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<tr>
<td><strong>Tubers</strong></td>
<td>large, round-oval, very uniform to uniform in shape, red skin, shallow eyes; fairly good resistance to internal bruising.</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>high.</td>
</tr>
<tr>
<td><strong>Dry matter</strong></td>
<td>medium.</td>
</tr>
<tr>
<td><strong>Consumer Quality</strong></td>
<td>fairly firm in cooking; little after cooking blackening; suitable for fresh consumption and french fries.</td>
</tr>
<tr>
<td><strong>Foliage</strong></td>
<td>good.</td>
</tr>
<tr>
<td><strong>Diseases</strong></td>
<td>fairly good resistance to leaf blight, good resistance to tuber blight; moderately resistant to leaf roll, resistant to virus A, resistant to virus X, fairly good resistance to virus Yn; fairly susceptible to common scab.</td>
</tr>
</tbody>
</table>

## Morphological characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plant</strong></td>
<td>tall and leaf type foliage structure; stems upright and strong anthocyanin colouration; medium, dark green leaves and closed silhouette; high frequency of flowers, strong anthocyanin colouration inner side flower corolla.</td>
</tr>
<tr>
<td><strong>Tubers</strong></td>
<td>round-oval; red; white flesh; shallow eyes.</td>
</tr>
<tr>
<td><strong>Sprouts</strong></td>
<td>medium, ovoid, medium to strong intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium to many root tips.</td>
</tr>
</tbody>
</table>
Agricultural characteristics

Maturity
- medium early to medium late; medium to long dormancy.

Tubers
- very large, round-oval to oval, uniform in shape, red skin, rather shallow eyes; good resistance to internal bruising.

Yield
- very high; uniform in grading.

Dry matter
- low.

Consumer Quality
- firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage
- very good.

Diseases
- moderately resistant to leaf blight, moderately resistant to tuber blight; fairly susceptible to leaf roll, very good resistance to virus A, very good resistance to virus X, fairly good resistance to virus Yn; immune to wart disease; fairly susceptible to common scab.

Morphological characteristics

Plant
- medium to tall and intermediate type foliage structure; stems upright to semi-upright and medium to strong anthocyanin colouration; medium to large, dark green leaves and intermediate to open silhouette; medium to high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
- round-oval to oval; red, smooth to medium smooth skin; fairly yellow flesh; rather shallow eyes.

Sprouts
- medium to large, conical, medium to strong intensity of anthocyanin colouration and very strong pubescence of base; small terminal bud with weak to medium anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; long dormancy.

Tubers • large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield • very high; very uniform in grading.

Dry matter • medium.

Consumer Quality • fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • fairly susceptible to leaf blight, moderately resistant to tuber blight; good resistance to virus X, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • medium to tall and leaf type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; medium green leaves; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; yellow; pale yellow flesh; shallow eyes.

Sprouts • medium to large, ovoid, weak to medium intensity of anthocyanin colouration and medium to weak pubescence of base; small terminal bud with weak anthocyanin colouration of tip; few root tips.
Agricultural characteristics

Maturity • early; short to medium long dormancy.

Tubers • large, oval, uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.

Yield • good to medium; uniform in grading.

Dry matter • medium to low.

Consumer Quality • fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to leaf roll, moderately resistant to virus A, fairly good resistance to virus X, fairly susceptible to virus Yn; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems semi-upright to spreading and weak to medium anthocyanin colouration; medium to large, dark green leaves and closed to intermediate silhouette; medium to high frequency of flowers, medium anthocyanin colouration inner side flower corolla.

Tubers • oval; yellow, smooth to medium smooth skin; fairly yellow flesh; rather shallow eyes.

Sprouts • large, broad cylindrical, weak to medium intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with absent or very weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity
- medium early to medium late; long dormancy.

Tubers
- large, round, very uniform to uniform in shape, red skin, shallow to rather shallow eyes; good resistance to internal bruising.

Yield
- medium to low; uniform in grading.

Dry matter
- high.

Consumer Quality
- fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage
- good.

Diseases
- very susceptible to leaf blight, very susceptible to tuber blight; moderately resistant to leaf roll, resistant to virus A, resistant to virus X, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- medium to tall and intermediate type foliage structure; stems upright to semi-upright and strong anthocyanin colouration; medium to large, dark green leaves and closed to intermediate silhouette; medium to high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
- round; red, smooth to medium smooth skin; yellow flesh; shallow to rather shallow eyes.

Sprouts
- small to medium, spherical, medium to strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium to large terminal bud with weak anthocyanin colouration of tip; few root tips.
**Agricultural characteristics**

- **Maturity**
  - early to medium early; medium long dormancy.

- **Tubers**
  - large, oval, very uniform to uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

- **Yield**
  - high to good; uniform in grading.

- **Dry matter**
  - very low.

- **Consumer Quality**
  - firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

- **Foliage**
  - average.

- **Diseases**
  - susceptible to leaf blight, moderately resistant to tuber blight; fairly susceptible to leaf roll, good resistance to virus X, fairly good resistance to virus Y®; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

**Morphological characteristics**

- **Plant**
  - short to medium and leaf type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; large, light to medium green leaves and intermediate silhouette; medium frequency of flowers, very weak to weak anthocyanin colouration inner side flower corolla.

- **Tubers**
  - oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.

- **Sprouts**
  - medium, conical, weak intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with weak to medium anthocyanin colouration of tip; few to medium root tips.
### Agricultural characteristics

**Maturity**
- medium early to medium late; medium to long dormancy.

**Tubers**
- large, long-oval, uniform to moderately uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.

**Yield**
- high to good; uniform to moderately uniform in grading.

**Dry matter**
- good.

**Consumer Quality**
- fairly firm to floury in cooking; traces of after cooking blackening; suitable for fresh consumption, french fries and crisps.

**Foliage**
- good.

**Diseases**
- very susceptible to leaf blight, susceptible to tuber blight; moderately resistant to leaf roll, resistant to virus A, moderately resistant to virus X, fairly susceptible to virus Y; fairly susceptible to common scab.

### Morphological characteristics

**Plant**
- medium to tall and intermediate type foliage structure; stems upright to semi-upright and medium anthocyanin colouration; medium to large, medium to dark green leaves and closed to intermediate silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- long-oval; yellow, smooth skin; pale yellow flesh; rather shallow eyes.

**Sprouts**
- large, conical, strong to very strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with medium to strong anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • medium early to medium late; long to very long dormancy.

Tubers • large, oval to long-oval, very uniform to uniform in shape, yellow skin, shallow eyes; fairly susceptible to internal bruising.

Yield • very high.

Dry matter • low.

Consumer Quality • fairly firm; suitable for fresh consumption.

Foliage • good.

Diseases • susceptible to leaf blight, susceptible to tuber blight; moderately resistant to leaf roll, moderately resistant to virus Y^; moderately resistant to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems very upright to upright and medium anthocyanin colouration; medium large, medium green leaves and open silhouette.

Tubers • oval to long-oval; yellow; yellow flesh; shallow eyes.

Sprouts • small, ovoid, weak intensity of anthocyanin colouration and weak pubescence of base; very small terminal bud with weak anthocyanin colouration of tip; many root tips.
CAESAR
Monalisa x Ropta B 1178

Agricultural characteristics

**Maturity**
- medium late; medium to long dormancy.

**Tubers**
- large, long-oval, uniform in shape, yellow skin, very shallow eyes; fairly good resistance to internal bruising.

**Yield**
- good to medium; uniform in grading.

**Dry matter**
- good to medium.

**Consumer Quality**
- fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

**Foliage**
- good.

**Diseases**
- moderately resistant to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, susceptible to virus X, very good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

**Plant**
- medium to tall and intermediate type foliage structure; stems upright to semi-upright and medium anthocyanin colouration; medium, medium green leaves and intermediate to open silhouette; high to very high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- long-oval; yellow, smooth skin; fairly yellow flesh; very shallow eyes.

**Sprouts**
- small to medium, conical, weak to medium intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity • early; medium to long dormancy.

Tubers • very large to large, round-oval to oval, uniform in shape; yellow skin, rather shallow eyes; good resistance to internal bruising.

Yield • high to good; uniform in grading.

Dry matter • low.

Consumer Quality • firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage • fairly good.

Diseases • fairly susceptible to leaf blight, good resistance to tuber blight; fairly good resistance to leaf roll, fairly susceptible to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • medium to tall and leaf type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; large, medium green leaves and intermediate to open silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • round-oval to oval; yellow, medium rough to rough skin; pale yellow flesh; rather shallow eyes.

Sprouts • medium to large, broad cylindrical, weak to medium intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
CARRERA Allard x Concurrent

Agricultural characteristics

Maturity  • early; medium to long dormancy.
Tubers  • very large to large, oval, uniform in shape, yellow skin, very shallow eyes; fairly good resistance to internal bruising.
Yield  • good; uniform in grading.
Dry matter  • low.
Consumer Quality  • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.
Foliage  • fairly good to average.
Diseases  • fairly susceptible to leaf blight, fairly good resistance to tuber blight; good resistance to leaf roll, fairly susceptible to virus Yn; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant  • short to medium and intermediate type foliage structure; stems semi-upright and weak anthocyanin colouration; medium, medium to dark green leaves and intermediate silhouette; medium frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.
Tubers  • oval; yellow, smooth skin; yellow flesh; very shallow eyes.
Sprouts  • large, conical, medium intensity of anthocyanin colouration and strong to medium pubescence of base; small terminal bud with weak anthocyanin colouration of tip; few root tips.
CHALLENGER
Aziza x Victoria
Aziza x Victoria
CHALLENGER

Agricultural characteristics

Maturity
- medium early to medium late; long dormancy.

Tubers
- large, oval to long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield
- high to good; uniform in grading.

Dry matter
- high.

Consumer Quality
- fairly firm to floury in cooking; traces to little after cooking blackening; suitable for fresh consumption and french fries.

Foliage
- fairly good.

Diseases
- moderately resistant to leaf blight, very good resistance to tuber blight; moderately resistant to virus Y; immune to wart disease; moderately resistant to common scab.

Morphological characteristics

Plant
- tall and intermediate type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; medium, medium to dark green leaves and intermediate to open silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- oval to long-oval; yellow, smooth to medium smooth skin; fairly yellow flesh; shallow eyes.

Sprouts
- large, spherical, very weak to weak intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with very weak to weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

**Maturity**
- medium early; long dormancy.

**Tubers**
- large, round-oval, uniform to moderately uniform in shape, red skin, moderately deep eyes; fairly good resistance to internal bruising.

**Yield**
- medium to low; uniform in grading.

**Dry matter**
- high.

**Consumer Quality**
- fairly firm to floury in cooking; little to slight discolouration of after cooking blackening; suitable for crisps.

**Foliage**
- good to fairly good.

**Diseases**
- susceptible to leaf blight, moderately resistant to tuber blight; very good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

**Plant**
- medium to tall and intermediate type foliage structure; stems upright to semi-upright and strong anthocyanin colouration; medium to large, medium to dark green leaves and intermediate silhouette; high frequency of flowers, strong to very strong anthocyanin colouration inner side flower corolla.

**Tubers**
- round-oval; red, smooth to medium smooth skin; fairly yellow flesh; moderately deep eyes.

**Sprouts**
- medium to large, ovoid, strong intensity of anthocyanin colouration and medium to weak pubescence of base; medium terminal bud with strong anthocyanin colouration of tip; few to medium root tips.
DÉSIRÉE  Urgenta x Depesche  Urgenta x Depesche  DÉSIRÉE

Agricultural characteristics

Maturity • medium early to medium late; medium long dormancy.

Tubers • large, long-oval, uniform to moderately uniform in shape, red skin, shallow eyes; fairly good resistance to internal bruising.

Yield • good; uniform in grading.

Dry matter • good.

Consumer Quality • fairly firm to floury in cooking; traces to little after cooking blackening; suitable for fresh consumption and french fries.

Foliage • good to fairly good.

Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly susceptible to leaf roll, moderately resistant to virus A, fairly good resistance to virus X, good resistance to virus Yn; immune to wart disease; susceptible to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems upright to semi-upright and strong anthocyanin colouration; medium to large, medium to dark green leaves and open silhouette; high frequency of flowers, strong anthocyanin colouration inner side flower corolla.

Tubers • long-oval; red, smooth skin; pale yellow flesh; shallow eyes.

Sprouts • medium to large, conical, medium to strong intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with weak to medium anthocyanin colouration of tip; few to medium root tips.
**Agricultural characteristics**

**Maturity**
- medium early to medium late; short to medium long dormancy.

**Tubers**
- large, oval, uniform to moderately uniform in shape, yellow skin, rather shallow eyes; moderately resistant to internal bruising.

**Yield**
- good to medium; uniform to moderately uniform in grading.

**Dry matter**
- high to good.

**Consumer Quality**
- fairly firm in cooking; little after cooking blackening; suitable for fresh consumption and French fries.

**Foliage**
- good.

**Diseases**
- moderately resistant to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, resistant to virus A, fairly good resistance to virus X, fairly good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

**Morphological characteristics**

**Plant**
- tall and intermediate type foliage structure; stems upright and very weak to weak anthocyanin colouration; medium, medium to dark green leaves and intermediate silhouette; high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

**Tubers**
- oval; yellow; pale yellow flesh; rather shallow eyes.

**Sprouts**
- medium to large, broad cylindrical, weak to medium intensity of anthocyanin colouration and weak pubescence of base; large terminal bud with very weak to weak anthocyanin colouration of tip; few root tips.
Agricultural characteristics

Maturity
- medium early to medium late; medium to long dormancy.

Tubers
- large, long-oval, uniform in shape, dark yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield
- high; uniform in grading.

Dry matter
- medium.

Consumer Quality
- firm to fairly firm in cooking; little to slight discolouration of after cooking blackening; suitable for fresh consumption and salads.

Foliage
- good.

Diseases
- fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly good resistance to leaf roll, resistant to virus A, resistant to virus X, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant
- medium and intermediate type foliage structure; stems upright to semi-upright and very weak to weak anthocyanin colouration; medium to large, medium green leaves and intermediate silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- long-oval; dark yellow, medium rough skin; yellow flesh to fairly yellow flesh; shallow eyes.

Sprouts
- medium, ovoid, medium intensity of anthocyanin colouration and strong pubescence of base; small to medium terminal bud with weak to medium anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • very early; short to medium long dormancy.

Tubers • large, oval, very uniform to uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield • low; uniform in grading.

Dry matter • high.

Consumer Quality • fairly firm to floury in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage • fairly good.

Diseases • very susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, very susceptible to virus A, moderately resistant to virus X, susceptible to virus Y; immune to wart disease; susceptible to common scab.

Morphological characteristics

Plant • medium and leaf type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; large to very large, medium green leaves and closed silhouette; low frequency of flowers.

Tubers • oval; yellow, rough skin; yellow flesh; shallow eyes.

Sprouts • medium, broad cylindrical, medium intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with weak to medium anthocyanin colouration of tip; few root tips.
Agricultural characteristics

Maturity • medium early; very long dormancy.
Tubers • very large to large, round-oval, uniform in shape, yellow skin, moderately deep eyes; very good resistance to internal bruising.
Yield • medium; very uniform to uniform in grading.
Dry matter • low.
Consumer Quality • fairly firm in cooking; little to slight discolouration of after cooking blackening; suitable for fresh consumption.
Foliage • fairly good.
Diseases • susceptible to leaf blight, fairly good resistance to tuber blight; fairly good resistance to leaf roll, fairly good resistance to virus A, fairly susceptible to virus X, moderately resistant to virus Y; immune to wart disease; moderately resistant to common scab.

Morphological characteristics

Plant • short to medium and leaf type foliage structure; stems spreading and weak anthocyanin colouration; very large, light green leaves and closed silhouette; absent or very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • round-oval; yellow, smooth skin; yellowish-white flesh; moderately deep eyes.
Sprouts • medium, conical, weak to medium intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with medium anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity
- medium early; medium long dormancy.

Tubers
- large, oval, moderately uniform in shape, yellow skin, moderately deep eyes; moderately resistant to internal bruising.

Yield
- medium; uniform to moderately uniform in grading.

Dry matter
- very high.

Consumer Quality
- floury in cooking; none of after cooking blackening; suitable for fresh consumption and industrial processing.

Foliage
- good.

Diseases
- susceptible to leaf blight, susceptible to tuber blight; fairly good resistance to leaf roll, fairly susceptible to virus A, fairly susceptible to virus X, fairly susceptible to virus Y\(^n\); susceptible to common scab.

Morphological characteristics

Plant
- medium to tall and leaf type foliage structure; stems semi-upright to spreading and medium anthocyanin colouration; medium, dark green leaves and intermediate to open silhouette; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- oval; yellow, smooth to medium smooth skin; fairly yellow flesh; moderately deep eyes.

Sprouts
- medium, conical, strong to very strong intensity of anthocyanin colouration and strong to medium pubescence of base; small to medium terminal bud with medium to strong anthocyanin colouration of tip; medium to many root tips.
### Agricultural characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maturity</strong></td>
<td>• early; long dormancy.</td>
</tr>
<tr>
<td><strong>Tubers</strong></td>
<td>• large, oval, uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>• high to good; uniform in grading.</td>
</tr>
<tr>
<td><strong>Dry matter</strong></td>
<td>• medium to low.</td>
</tr>
<tr>
<td><strong>Consumer Quality</strong></td>
<td>• fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.</td>
</tr>
<tr>
<td><strong>Foliage</strong></td>
<td>• good.</td>
</tr>
<tr>
<td><strong>Diseases</strong></td>
<td>• susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to virus Y²; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.</td>
</tr>
</tbody>
</table>

### Morphological characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plant</strong></td>
<td>• medium to tall and intermediate type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; large, dark green leaves and closed to intermediate silhouette; high to very high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.</td>
</tr>
<tr>
<td><strong>Tubers</strong></td>
<td>• oval; yellow, smooth to medium smooth skin; fairly yellow flesh to pale yellow flesh; rather shallow eyes.</td>
</tr>
<tr>
<td><strong>Sprouts</strong></td>
<td>• medium, conical, strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with medium to strong anthocyanin colouration of tip; medium root tips.</td>
</tr>
</tbody>
</table>
EXQUISA Sigma x Ilse

Agricultural characteristics

Maturity • medium late.
Tubers • medium-sized to small, long-oval, uniform in shape, yellow skin, rather shallow eyes; very good resistance to internal bruising.
Yield • high; uniform in grading.
Dry matter • good.
Consumer Quality • firm in cooking; none of after cooking blackening; suitable for fresh consumption.
Foliage • good.
Diseases • fairly good resistance to leaf blight, fairly susceptible to tuber blight; good resistance to leaf roll, very good resistance to virus A, good resistance to virus X, good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant • medium to tall and leaf type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; medium, medium green leaves and intermediate to open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • long-oval; yellow, smooth skin; yellow flesh; rather shallow eyes.
Sprouts • medium to large, broad cylindrical, weak to medium intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with absent or very weak anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity • medium early to medium late; very long dormancy.

Tubers • very large, oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

Yield • very high; very uniform to uniform in grading.

Dry matter • very low.

Consumer Quality • firm to fairly firm in cooking; none to traces of after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly good resistance to leaf roll, very good resistance to virus A, fairly susceptible to virus X, good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; large, medium green leaves and intermediate silhouette; medium to high frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.

Tubers • oval; yellow, medium rough skin; pale yellow flesh; shallow eyes.

Sprouts • medium to large, conical, weak intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
**Agricultural characteristics**

- **Maturity**: medium early; medium to long dormancy.
- **Tubers**: large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.
- **Yield**: high; uniform in grading.
- **Dry matter**: low.
- **Consumer Quality**: fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.
- **Foliage**: good.
- **Diseases**: susceptible to leaf blight, susceptible to tuber blight; good resistance to virus X, fairly good resistance to virus Yn; moderately resistant to common scab.

**Morphological characteristics**

- **Plant**: tall and intermediate type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; large, medium green leaves and intermediate to open silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
- **Tubers**: long-oval; yellow, smooth skin; pale yellow flesh; shallow eyes.
- **Sprouts**: large, broad cylindrical, medium intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with very weak to weak anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity  • medium early; medium to long dormancy.

Tubers  • large, oval to long-oval, uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.

Yield  • very high to high; uniform in grading.

Dry matter  • high.

Consumer Quality  • fairly firm to floury in cooking; traces to little after cooking blackening; suitable for fresh consumption and french fries.

Foliage  • good.

Diseases  • susceptible to leaf blight, fairly susceptible to tuber blight; susceptible to leaf roll, very good resistance to virus A, good resistance to virus X, fairly susceptible to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant  • short to medium and leaf type foliage structure; stems semi-upright to spreading and weak to medium anthocyanin colouration; large, light to medium green leaves and closed to intermediate silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers  • oval to long-oval; yellow, smooth to medium smooth skin; pale yellow flesh; rather shallow eyes.

Sprouts  • medium, conical, medium intensity of anthocyanin colouration and medium to weak pubescence of base; medium terminal bud with weak to medium anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
• very late; long dormancy.

Tubers
• large, round-oval, uniform in shape, yellow skin, rather deep eyes; fairly susceptible to internal bruising.

Yield
• low; uniform in grading.

Dry matter
• high to good.

Consumer Quality
• suitable for starch production.

Foliage
• fairly good to average.

Diseases
• good resistance to leaf blight, very good resistance to tuber blight; fairly good resistance to virus X, very good resistance to virus Y; resistant to Ro1, Pa2 and Pa3 of the potato cyst nematode.

Morphological characteristics

Plant
• short to medium and leaf type foliage structure; stems spreading to very spreading and very weak to weak anthocyanin colouration; small to medium, light to medium green leaves and open silhouette; low frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.

Tubers
• round-oval; yellow, rough skin; yellowish-white flesh; rather deep eyes.

Sprouts
• medium, conical, very weak to weak intensity of anthocyanin colouration and weak pubescence of base; medium to large terminal bud with weak to medium anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
- medium early to medium late; medium to long dormancy.

Tubers
- large, oval, very uniform to uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield
- very high; very uniform to uniform in grading.

Dry matter
- good to medium.

Consumer Quality
- fairly firm to floury in cooking; traces of after cooking blackening; suitable for fresh consumption and french fries.

Foliage
- good.

Diseases
- moderately resistant to leaf blight, moderately resistant to tuber blight; good resistance to leaf roll, good resistance to virus A, good resistance to virus X, moderately resistant to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- tall and stem type foliage structure; stems semi-upright and weak anthocyanin colouration; medium to large, medium green leaves and intermediate silhouette; medium to high frequency of flowers, strong anthocyanin colouration inner side flower corolla.

Tubers
- oval; yellow, medium rough to rough skin; fairly yellow flesh; shallow eyes.

Sprouts
- medium, conical, medium intensity of anthocyanin colouration and very strong to strong pubescence of base; medium terminal bud with strong anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity
• medium early to medium late; medium to long dormancy.

Tubers
• large, oval, uniform in shape, yellow skin, rather shallow eyes; moderately resistant to internal bruising.

Yield
• very high to high; uniform in grading.

Dry matter
• high to good.

Consumer Quality
• fairly firm to floury in cooking; little after cooking blackening; suitable for french fries.

Foliage
• fairly good.

Diseases
• fairly susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to leaf roll, fairly good resistance to virus X, fairly good resistance to virus Ys; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
• tall and intermediate type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; medium to large, medium to dark green leaves and intermediate silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
• oval; yellow, medium rough skin; pale yellow flesh; rather shallow eyes.

Sprouts
• medium to large, ovoid, strong intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with strong anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity
- very early; long dormancy.

Tubers
- large, oval, uniform in shape, yellow skin, rather shallow eyes; good resistance to internal bruising.

Yield
- medium; uniform in grading

Dry matter
- low.

Consumer Quality
- firm to fairly firm in cooking; none to traces of after cooking blackening; suitable for fresh consumption and french fries.

Foliage
- fairly good.

Diseases
- susceptible to leaf blight, moderately resistant to tuber blight; good resistance to leaf roll, fairly good resistance to virus A, fairly good resistance to virus X, fairly good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant
- medium to tall and intermediate type foliage structure; stems upright to semi-upright and weak anthocyanin colouration; large, medium to dark green leaves and closed to intermediate silhouette; absent or very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- oval; yellow, smooth to medium smooth skin; fairly yellow flesh; rather shallow eyes.

Sprouts
- medium to large, broad cylindrical, medium intensity of anthocyanin colouration and weak pubescence of base; medium to large terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; medium to long dormancy.

Tubers • large, oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield • high; uniform in grading.

Dry matter • high to good.

Consumer Quality • firm to fairly firm in cooking; little to slight discolouration of after cooking blackening; suitable for fresh consumption.

Foliage • good to fairly good.

Diseases • fairly susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, very good resistance to virus X, fairly susceptible to virus Yn; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems upright and absent or very weak anthocyanin colouration; large, medium to dark green leaves and intermediate to open silhouette; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • oval; yellow, smooth to medium smooth skin; yellowish-white flesh; shallow eyes.

Sprouts • medium to large, conical, medium intensity of anthocyanin colouration and medium to weak pubescence of base; medium terminal bud with medium to strong anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity
- medium early; very long dormancy.

Tubers
- large to medium-sized, round-oval, uniform in shape, pale yellow skin, rather shallow eyes; moderately resistant to internal bruising.

Yield
- high to good; uniform in grading.

Dry matter
- medium to low.

Consumer Quality
- fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage
- good to fairly good.

Diseases
- fairly good resistance to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, good resistance to virus A, fairly good resistance to virus X, good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; susceptible to common scab.

Morphological characteristics

Plant
- medium to tall and intermediate type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; large, light to medium green leaves and closed to intermediate silhouette; high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
- round-oval; pale yellow, medium rough to rough skin; pale yellow flesh; rather shallow eyes.

Sprouts
- small to medium, ovoid, medium to strong intensity of anthocyanin colouration and weak pubescence of base; large terminal bud with medium to strong anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; medium to long dormancy.

Tubers • large, long-oval, uniform in shape, yellow skin, shallow eyes; moderately resistant to internal bruising.

Yield • high to good; uniform in grading.

Dry matter • medium.

Consumer Quality • firm to fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption and salads.

Foliage • fairly good.

Diseases • susceptible to leaf blight, susceptible to tuber blight; fairly susceptible to leaf roll, resistant to virus A, susceptible to virus Yn; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems upright to semi-upright and weak anthocyanin colouration; small to medium, light to medium green leaves and closed to intermediate silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; yellow, smooth skin; fairly yellow flesh to pale yellow flesh; shallow eyes.

Sprouts • medium, conical, strong to very strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity
- medium early to medium late; long to very long dormancy.

Tubers
- very large, round-oval, uniform to moderately uniform in shape, yellow skin, moderately deep eyes; fairly susceptible to internal bruising.

Yield
- high; uniform in grading.

Dry matter
- high to good.

Consumer Quality
- fairly firm to floury in cooking; slight discolouration of after cooking blackening; suitable for crisps.

Foliage
- fairly good.

Diseases
- fairly susceptible to leaf blight, good resistance to tuber blight; fairly good resistance to leaf roll, very good resistance to virus A, fairly good resistance to virus Y'; moderately resistant to common scab.

Morphological characteristics

Plant
- medium to tall and intermediate type foliage structure; stems semi-upright and absent or very weak anthocyanin colouration; large, light to medium green leaves and closed to intermediate silhouette; low to medium frequency of flowers, medium anthocyanin colouration inner side flower corolla.

Tubers
- round-oval; yellow, medium rough skin; fairly yellow flesh; moderately deep eyes.

Sprouts
- medium to large, conical, medium intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with weak to medium anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; long dormancy.
Tubers • very large to large, round-oval to oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.
Yield • very high to high; uniform in grading.
Dry matter • medium.
Consumer Quality • fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.
Foliage • fairly good.
Diseases • fairly susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, fairly good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and stem type foliage structure; stems upright to semi-upright and weak to medium anthocyanin colouration; large, medium to dark green leaves and closed to intermediate silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • round-oval to oval; yellow, smooth skin; pale yellow flesh; shallow eyes.
Sprouts • medium, ovoid, medium intensity of anthocyanin colouration and medium pubescence of base; small terminal bud with weak anthocyanin colouration of tip; few root tips.
Agricultural characteristics

Maturity • early; medium to long dormancy.
Tubers • large, long-oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.
Yield • high; uniform in grading.
Dry matter • very low.
Consumer Quality • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.
Foliage • fairly good.
Diseases • susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to leaf roll, good resistance to virus A, good resistance to virus X, moderately resistant to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems semi-upright to spreading and absent or very weak anthocyanin colouration; large, light to medium green leaves and closed to intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • long-oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.
Sprouts • medium to large, ovoid, weak intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
INNOVATOR  
Shepody x RZ-84-2580  
Shepody x RZ-84-2580  
INNOVATOR

Agricultural characteristics

**Maturity**  • medium early; long dormancy.

**Tubers**  • large, long-oval, very uniform to uniform in shape, reddish brown skin, shallow eyes; fairly good resistance to internal bruising.

**Yield**  • good to medium; uniform in grading.

**Dry matter**  • good to medium.

**Consumer Quality**  • fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption and french fries.

**Foliage**  • good.

**Diseases**  • good resistance to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, moderately resistant to virus X, fairly good resistance to virus Yn; immune to wart disease; resistant to Pa2 and Pa3 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

**Plant**  • medium to tall and intermediate type foliage structure; stems upright to semi-upright and absent or very weak anthocyanin colouration; medium to large, light to medium green leaves and intermediate to open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**  • long-oval; reddish brown, rough skin; pale yellow flesh to yellowish-white flesh; shallow eyes.

**Sprouts**  • large, broad cylindrical, weak intensity of anthocyanin colouration and strong to medium pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; medium to many root tips.
INOVA Nicola x Impala

Agricultural characteristics

**Maturity**
- very early to early; long dormancy.

**Tubers**
- large to medium-sized, long-oval, very uniform to uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

**Yield**
- good to medium; uniform in grading.

**Dry matter**
- good to medium.

**Consumer Quality**
- firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

**Foliage**
- fairly good.

**Diseases**
- susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, very good resistance to virus A, good resistance to virus X, fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

**Plant**
- medium and leaf type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; medium, light to medium green leaves and closed to intermediate silhouette; very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- long-oval; yellow, smooth to medium smooth skin; fairly yellow flesh; shallow eyes.

**Sprouts**
- medium to large, conical, medium to strong intensity of anthocyanin colouration and strong pubescence of base; medium to large terminal bud with weak to medium anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity
• late to very late; long dormancy.

Tubers
• large, round, uniform in shape, red skin, rather shallow eyes; moderately resistant to internal bruising.

Yield
• low; uniform in grading.

Dry matter
• very high.

Consumer Quality
• very floury in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage
• fairly good.

Diseases
• moderately resistant to leaf blight, fairly susceptible to tuber blight; fairly susceptible to leaf roll, fairly good resistance to virus A, fairly good resistance to virus X, fairly good resistance to virus Yn; immune to wart disease; moderately resistant to common scab.

Morphological characteristics

Plant
• medium to tall and intermediate type foliage structure; stems upright to semi-upright and strong anthocyanin colouration; medium, medium to dark green leaves and intermediate to open silhouette; high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
• round; red, rough skin; pale yellow flesh; rather shallow eyes.

Sprouts
• medium, ovoid, strong intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
### Agricultural characteristics

**Maturity**
- very early to early; long dormancy.

**Tubers**
- very large to large, round-oval to oval, uniform to moderately uniform in shape, yellow skin, rather shallow eyes; good resistance to internal bruising.

**Yield**
- medium; uniform in grading.

**Dry matter**
- very low.

**Consumer Quality**
- firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

**Foliage**
- fairly good.

**Diseases**
- very susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, fairly good resistance to virus A, fairly good resistance to virus X, moderately resistant to virus Yn; immune to wart disease; moderately resistant to common scab.

### Morphological characteristics

**Plant**
- medium and leaf type foliage structure; stems semi-upright to spreading and medium anthocyanin colouration; medium to large, light to medium green leaves and intermediate to open silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- round-oval to oval; yellow, smooth to medium smooth skin; pale yellow flesh; rather shallow eyes.

**Sprouts**
- medium, ovoid, weak to medium intensity of anthocyanin colouration and weak pubescence of base; medium terminal bud with very weak to weak anthocyanin colouration of tip; medium root tips.
**Agricultural characteristics**

**Maturity**
- medium early to medium late; long dormancy.

**Tubers**
- very large to large, round-oval, uniform in shape, pale yellow skin, shallow eyes; fairly good resistance to internal bruising.

**Yield**
- high; very uniform to uniform in grading.

**Dry matter**
- high to good.

**Consumer Quality**
- fairly firm to floury in cooking; little after cooking blackening; suitable for french fries and crisps.

**Foliage**
- good.

**Diseases**
- moderately resistant to leaf blight, moderately resistant to tuber blight; fairly susceptible to leaf roll, very good resistance to virus A, fairly susceptible to virus X, good resistance to virus Yn; fairly susceptible to common scab.

**Morphological characteristics**

**Plant**
- medium to tall and leaf type foliage structure; stems upright to semi-upright and absent or very weak anthocyanin colouration; very large, light to medium green leaves and closed to intermediate silhouette; absent or very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- round-oval; pale yellow, smooth skin; white flesh; shallow eyes.

**Sprouts**
- medium, conical, weak intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with absent or very weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; long dormancy.
Tubers • very large, long-oval, uniform to moderately uniform in shape, red skin, moderately deep eyes; good resistance to internal bruising.
Yield • very high; uniform in grading.
Dry matter • low.
Consumer Quality • fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.
Foliage • good to fairly good.
Diseases • moderately resistant to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, resistant to virus A, moderately resistant to virus X, moderately resistant to virus Y; immune to wart disease; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems semi-upright and medium to strong anthocyanin colouration; large, medium to dark green leaves and intermediate silhouette; medium to high frequency of flowers, strong to very strong anthocyanin colouration inner side flower corolla.
Tubers • long-oval; red, smooth to medium smooth skin; pale yellow flesh; moderately deep eyes.
Sprouts • large, conical, strong intensity of anthocyanin colouration and strong pubescence of base; medium to large terminal bud with medium anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
- medium early to medium late; long dormancy.

Tubers
- very large to large, oval, uniform in shape, red skin, rather shallow eyes; good resistance to internal bruising.

Yield
- high; uniform in grading.

Dry matter
- medium.

Consumer Quality
- fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage
- good to fairly good.

Diseases
- fairly susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to leaf roll, very good resistance to virus A, fairly susceptible to virus X, fairly good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- tall and stem type foliage structure; stems semi-upright and strong anthocyanin colouration; large, dark green leaves and intermediate to open silhouette; high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
- oval; red, medium rough skin; pale yellow flesh; rather shallow eyes.

Sprouts
- medium, conical, medium to strong intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • medium early; long dormancy.

Tubers • large, oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield • good; uniform in grading.

Dry matter • medium.

Consumer Quality • fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage • fairly good.

Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly good resistance to virus Yr; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems upright to semi-upright and very weak to weak anthocyanin colouration; light green leaves; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • oval; yellow, smooth to medium smooth skin; fairly yellow flesh to pale yellow flesh; shallow eyes.

Sprouts • medium, ovoid, medium intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with weak anthocyanin colouration of tip; few root tips.
**Agricultural characteristics**

- **Maturity**: very early to early; short to medium long dormancy.
- **Tubers**: large, long-oval, very uniform to uniform in shape, yellow skin, very shallow eyes; fairly good resistance to internal bruising.
- **Yield**: good; uniform to moderately uniform in grading.
- **Dry matter**: low to very low.
- **Consumer Quality**: firm (to fairly firm) in cooking; traces of after cooking blackening; suitable for fresh consumption.
- **Foliage**: good to fairly good.
- **Diseases**: very susceptible to leaf blight, good resistance to tuber blight; fairly good resistance to leaf roll, very good resistance to virus A, good resistance to virus X, very good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

**Morphological characteristics**

- **Plant**: medium to tall and leaf type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; large, medium green leaves and intermediate silhouette; absent or very low frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.
- **Tubers**: long-oval; yellow, very smooth skin; fairly yellow flesh; very shallow eyes.
- **Sprouts**: large, conical, weak intensity of anthocyanin colouration and weak pubescence of base; small terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
### Agricultural characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maturity</strong></td>
<td>early to medium early; long dormancy.</td>
</tr>
<tr>
<td><strong>Tubers</strong></td>
<td>large to medium-sized, round-oval, uniform in shape, yellow skin, shallow to rather shallow eyes; good resistance to internal bruising.</td>
</tr>
<tr>
<td><strong>Yield</strong></td>
<td>good; very uniform to uniform in grading.</td>
</tr>
<tr>
<td><strong>Dry matter</strong></td>
<td>high.</td>
</tr>
<tr>
<td><strong>Consumer Quality</strong></td>
<td>fairly firm to floury in cooking; traces to little after cooking blackening; suitable for crisps.</td>
</tr>
<tr>
<td><strong>Foliage</strong></td>
<td>good.</td>
</tr>
<tr>
<td><strong>Diseases</strong></td>
<td>very susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, very good resistance to virus A, fairly good resistance to virus X, moderately resistant to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.</td>
</tr>
</tbody>
</table>

### Morphological characteristics

<table>
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<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plant</strong></td>
<td>medium and leaf type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; medium to large, light to medium green leaves and intermediate to open silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.</td>
</tr>
<tr>
<td><strong>Tubers</strong></td>
<td>round-oval; yellow, smooth to medium smooth skin; fairly yellow flesh; shallow to rather shallow eyes.</td>
</tr>
<tr>
<td><strong>Sprouts</strong></td>
<td>medium to large, ovoid, strong intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with weak to medium anthocyanin colouration of tip; few to medium root tips.</td>
</tr>
</tbody>
</table>
**Agricultural characteristics**

- **Maturity**: medium early to medium late; medium to long dormancy.
- **Tubers**: large, long-oval, uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.
- **Yield**: high to good; uniform in grading.
- **Dry matter**: high to good.
- **Consumer Quality**: floury in cooking; traces of after cooking blackening; suitable for fresh consumption and french fries.
- **Foliage**: good.
- **Diseases**: very susceptible to leaf blight, fairly susceptible to tuber blight; fairly good resistance to leaf roll, very good resistance to virus A, very good resistance to virus X, good resistance to virus Y; immune to wart disease; moderately resistant to common scab.

**Morphological characteristics**

- **Plant**: medium and leaf type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; medium to large, medium green leaves and closed to intermediate silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
- **Tubers**: long-oval; yellow, smooth to medium smooth skin; fairly yellow flesh; rather shallow eyes.
- **Sprouts**: large, conical, strong intensity of anthocyanin colouration and strong pubescence of base; medium terminal bud with medium to strong anthocyanin colouration of tip; medium root tips.
LADY ROSETTA

Cardinal x SVP(VTN)2 62-33-3

Agricultural characteristics

Maturity • medium early; medium long dormancy.
Tubers • large, round, very uniform in shape, red skin, moderately deep eyes; fairly susceptible to internal bruising.
Yield • high; very uniform to uniform in grading.
Dry matter • very high.
Consumer Quality • floury in cooking; little to slight discolouration of after cooking blackening; suitable for crisps.
Foliage • good to fairly good.
Diseases • very susceptible to leaf blight, fairly susceptible to tuber blight; moderately resistant to leaf roll, resistant to virus A, resistant to virus X, fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • short to medium and intermediate type foliage structure; stems upright to semi-upright and medium to strong anthocyanin colouration; medium to large, light to medium green leaves and closed to intermediate silhouette; low to medium frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.
Tubers • round; red, rough skin; pale yellow flesh; moderately deep eyes.
Sprouts • medium, ovoid, strong intensity of anthocyanin colouration and weak pubescence of base; large to very large terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
LATONA

Agricultural characteristics

Maturity
• early; long dormancy.

Tubers
• large, oval, uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.

Yield
• good; uniform in grading.

Dry matter
• medium.

Consumer Quality
• fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage
• good to fairly good.

Diseases
• susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, good resistance to virus A, resistant to virus X, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
• medium and leaf type foliage structure; stems upright to semi-upright and weak to medium anthocyanin colouration; medium to large, medium green leaves and closed to intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
• oval; yellow, medium rough skin; fairly yellow flesh; rather shallow eyes.

Sprouts
• medium, ovoid, medium to strong intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • early to medium early; short dormancy.

Tubers • large, long-oval, uniform to moderately uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield • good to medium; uniform in grading.

Dry matter • medium.

Consumer Quality • fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage • good to fairly good.

Diseases • very susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, good resistance to virus A, very good resistance to virus X, good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and leaf type foliage structure; stems semi-upright to spreading and absent or very weak anthocyanin colouration; medium to large, light to medium green leaves and intermediate to open silhouette; absent or very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.

Sprouts • large, broad cylindrical, weak intensity of anthocyanin colouration and strong pubescence of base; small terminal bud with very weak to weak anthocyanin colouration of tip; medium to many root tips.
### Agricultural characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maturity</td>
<td>early to medium early; medium to long dormancy.</td>
</tr>
<tr>
<td>Tubers</td>
<td>large, oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.</td>
</tr>
<tr>
<td>Yield</td>
<td>good; uniform in grading.</td>
</tr>
<tr>
<td>Dry matter</td>
<td>low.</td>
</tr>
<tr>
<td>Consumer Quality</td>
<td>firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.</td>
</tr>
<tr>
<td>Foliage</td>
<td>fairly good.</td>
</tr>
<tr>
<td>Diseases</td>
<td>fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly good resistance to virus X, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.</td>
</tr>
</tbody>
</table>

### Morphological characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant</td>
<td>medium to tall and intermediate type foliage structure; stems semi-upright and absent or very weak anthocyanin colouration; large to very large, light green leaves and intermediate silhouette; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.</td>
</tr>
<tr>
<td>Tubers</td>
<td>oval; yellow, smooth skin; fairly yellow flesh; shallow eyes.</td>
</tr>
<tr>
<td>Sprouts</td>
<td>medium to large, conical, medium to strong intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with weak anthocyanin colouration of tip; many root tips.</td>
</tr>
</tbody>
</table>
MANITOU

Laura x Maranca

Agricultural characteristics

Maturity • medium late; medium to long dormancy.

Tubers • large, oval to long-oval, uniform in shape, red skin, shallow eyes; fairly good resistance to internal bruising.

Yield • high; uniform in grading.

Dry matter • medium.

Consumer Quality • fairly firm in cooking; little after cooking blackening; suitable for fresh consumption and french fries.

Foliage • good.

Diseases • fairly susceptible to leaf blight, good resistance to tuber blight; moderately resistant to virus X, fairly good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems upright to semi-upright and medium anthocyanin colouration; large, light to medium green leaves and intermediate to open silhouette; medium to high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers • oval to long-oval; red, smooth skin; pale yellow flesh; shallow eyes.

Sprouts • medium, ovoid, strong intensity of anthocyanin colouration and strong pubescence of base; small to medium terminal bud with medium to strong anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

**Maturity**
- medium early to medium late; medium long dormancy.

**Tubers**
- large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

**Yield**
- very high; uniform in grading.

**Dry matter**
- very low.

**Consumer Quality**
- firm to fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

**Foliage**
- good to fairly good.

**Diseases**
- susceptible to leaf blight, fairly susceptible to tuber blight; fairly good resistance to leaf roll, good resistance to virus A, fairly good resistance to virus X, fairly good resistance to virus Yn; immune to wart disease; moderately resistant to common scab.

Morphological characteristics

**Plant**
- medium to tall and stem type foliage structure; stems upright to semi-upright and very weak to weak anthocyanin colouration; medium to large, medium green leaves and intermediate silhouette; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- long-oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.

**Sprouts**
- small to medium, ovoid, medium intensity of anthocyanin colouration and medium to weak pubescence of base; small terminal bud with weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; long dormancy.

Tubers • very large, round-oval, uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.

Yield • very high; very uniform to uniform in grading.

Dry matter • low to very low.

Consumer Quality • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly susceptible to leaf roll, good resistance to virus A, fairly good resistance to virus X, fairly good resistance to virus Y; immune to wart disease; susceptible to common scab.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems upright to semi-upright and weak anthocyanin colouration; medium to large, light to medium green leaves and intermediate to open silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • round-oval; yellow, smooth to medium smooth skin; pale yellow flesh; rather shallow eyes.

Sprouts • medium, broad cylindrical, medium intensity of anthocyanin colouration and medium pubescence of base; small terminal bud with weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
• medium early to medium late; medium to long dormancy.

Tubers
• large, oval, uniform in shape, yellow skin, shallow to rather shallow eyes; fairly good resistance to internal bruising.

Yield
• high to good; uniform in grading.

Dry matter
• high to good.

Consumer Quality
• fairly firm to floury in cooking; traces of after cooking blackening; suitable for fresh consumption, French fries and mashed potatoes.

Foliage
• good to fairly good.

Diseases
• very susceptible to leaf blight, good resistance to tuber blight; fairly susceptible to leaf roll, susceptible to virus A, very good resistance to virus X, fairly susceptible to virus Yn; resistant to Ro1 and Pa2 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant
• tall and intermediate type foliage structure; stems upright to semi-upright and weak anthocyanin colouration; large, light to medium green leaves and intermediate to open silhouette; absent or very low frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.

Tubers
• oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow to rather shallow eyes.

Sprouts
• medium to large, broad cylindrical, medium to strong intensity of anthocyanin colouration and very strong pubescence of base; small terminal bud with medium anthocyanin colouration of tip; few root tips.
MARKIES
Fianna x Agria

Agricultural characteristics

Maturity
- late to very late; long to very long dormancy.

Tubers
- large, oval to long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield
- high; uniform in grading.

Dry matter
- good.

Consumer Quality
- fairly firm to floury in cooking; little after cooking blackening; suitable for french fries and crisps.

Foliage
- very good to good.

Diseases
- fairly good resistance to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, good resistance to virus A, good resistance to virus X, fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant
- tall and stem type foliage structure; stems upright and medium anthocyanin colouration; large, medium green leaves and closed to intermediate silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- oval to long-oval; yellow, medium rough skin; pale yellow flesh; shallow eyes.

Sprouts
- medium to large, conical, strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium to large terminal bud with strong to very strong anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; long to very long dormancy.
Tubers • large, oval, very uniform to uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.
Yield • high; very uniform to uniform in grading.
Dry matter • medium to low.
Consumer Quality • fairly firm to floury in cooking; none to traces of after cooking blackening; suitable for fresh consumption.
Foliage • good to fairly good.
Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; good resistance to leaf roll, good resistance to virus A, good resistance to virus X, fairly good resistance to virus Y*; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright and weak anthocyanin colouration; large, light to medium green leaves and closed silhouette; low to medium frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.
Tubers • oval; yellow, smooth skin; fairly yellow flesh; shallow eyes.
Sprouts • medium, ovoid, medium to strong intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
### Agricultural characteristics

**Maturity**
- very late; long to very long dormancy.

**Tubers**
- large, round, uniform in shape, yellow skin, rather deep eyes; susceptible to internal bruising.

**Yield**
- good to medium; uniform in grading.

**Dry matter**
- good.

**Consumer Quality**
- suitable for starch production.

**Foliage**
- good to fairly good.

**Diseases**
- fairly good resistance to leaf blight, fairly good resistance to tuber blight; good resistance to virus X, fairly good resistance to virus Y; resistant to Ro1, Ro2/3, Pa2 and Pa3 of the potato cyst nematode.

### Morphological characteristics

**Plant**
- tall and intermediate type foliage structure; stems semi-upright and medium anthocyanin colouration; medium, medium to dark green leaves and open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- round; yellow, rough skin; white flesh; rather deep eyes.

**Sprouts**
- medium to large, ovoid, strong to very strong intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with strong to very strong anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity • early to medium early; long to very long dormancy.

Tubers • large, long-oval, very uniform to uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

Yield • good; very uniform to uniform in grading.

Dry matter • good.

Consumer Quality • fairly firm to floury in cooking; none after cooking blackening; suitable for fresh consumption and french fries.

Foliage • fairly good to average.

Diseases • susceptible to leaf blight, good resistance to tuber blight; fairly good resistance to leaf roll, fairly good resistance to virus A, fairly good resistance to virus X, fairly susceptible to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and leaf type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; large, medium green leaves and intermediate to open silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; yellow, smooth to medium smooth skin; yellow flesh; shallow eyes.

Sprouts • large, conical, weak to medium intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium to many root tips.
**Agricultural characteristics**

**Maturity**
- medium early; medium to long dormancy.

**Tubers**
- large, oval to long-oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

**Yield**
- good to medium; uniform in grading.

**Dry matter**
- low.

**Consumer Quality**
- firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

**Foliage**
- good to fairly good.

**Diseases**
- susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, resistant to virus A, fairly good resistance to virus X, good resistance to virus Yn; immune to wart disease; susceptible to common scab.

**Morphological characteristics**

**Plant**
- tall and stem type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; large, medium to dark green leaves and intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- oval to long-oval; yellow, very smooth skin; fairly yellow flesh; shallow eyes.

**Sprouts**
- medium, ovoid, medium to strong intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
- medium late to late; long dormancy.

Tubers
- large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield
- very high; uniform in grading.

Dry matter
- medium to low.

Consumer Quality
- fairly firm to floury in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage
- good.

Diseases
- susceptible to leaf blight, moderately resistant to tuber blight; susceptible to leaf roll, resistant to virus A, resistant to virus X, moderately resistant to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- tall and stem type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; medium to large, medium to dark green leaves and closed to intermediate silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- long-oval; yellow, smooth to medium smooth skin; pale yellow flesh; shallow eyes.

Sprouts
- medium to large, conical, medium to strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; long dormancy.
Tubers • large, oval, uniform in shape, red skin, shallow eyes; very good resistance to internal bruising.
Yield • good to medium; uniform in grading.
Dry matter • good.
Consumer Quality • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.
Foliage • fairly good.
Diseases • moderately resistant to leaf blight, fairly good resistance to tuber blight; resistant to leaf roll, good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems upright to semi-upright and medium to strong anthocyanin colouration; medium to large, medium green leaves and intermediate to open silhouette; high frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.
Tubers • oval; red, smooth skin; fairly yellow flesh; shallow eyes.
Sprouts • medium, ovoid, strong to very strong intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with absent or very weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity
- medium early; short dormancy.

Tubers
- large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield
- very high to high; uniform in grading.

Dry matter
- low to very low.

Consumer Quality
- firm in cooking; traces of after cooking blackening; suitable for fresh consumption.

Foliage
- good.

Diseases
- susceptible to leaf blight; good resistance to virus X, good resistance to virus Yn; immune to wart disease; resistant to Ro1 and Ro2/3 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant
- medium to tall and leaf type foliage structure; stems semi-upright to spreading and absent or very weak anthocyanin colouration; medium to large, light to medium green leaves and intermediate silhouette; absent or very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- long-oval; yellow, smooth to medium smooth skin; yellow flesh; shallow eyes.

Sprouts
- large, conical, medium intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with very weak to weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • medium early to medium late; medium long dormancy.

Tubers • large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield • very high; uniform in grading.

Dry matter • good to medium.

Consumer Quality • firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, resistant to virus A, resistant to virus X, good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant • medium to tall and stem type foliage structure; stems semi-upright to spreading and absent or very weak anthocyanin colouration; small to medium, light to medium green leaves and closed to intermediate silhouette; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; yellow, smooth skin; yellow flesh; shallow eyes.

Sprouts • medium to large, broad cylindrical, strong intensity of anthocyanin colouration and strong pubescence of base; medium to large terminal bud with medium to strong anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

**Maturity**
- medium early to medium late; long to very long dormancy.

**Tubers**
- very large to large, oval, uniform in shape, yellow skin and red eyes, rather shallow eyes; fairly good resistance to internal bruising.

**Yield**
- very high; uniform in grading.

**Dry matter**
- low.

**Consumer Quality**
- fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

**Foliage**
- very good to good.

**Diseases**
- fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly susceptible to leaf roll, very good resistance to virus X, fairly good resistance to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

**Plant**
- tall and intermediate type foliage structure; stems upright and very weak to weak anthocyanin colouration; medium to large, light green leaves and intermediate silhouette; very low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- oval; yellow and red eyes, medium rough skin; pale yellow flesh; rather shallow eyes.

**Sprouts**
- small, ovoid, medium to strong intensity of anthocyanin colouration and absent or very weak pubescence of base; small terminal bud with weak to medium anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity • very early to early; short to medium long dormancy.
Tubers • large, round-oval, uniform in shape, yellow skin, rather shallow eyes; moderately resistant to internal bruising.
Yield • good; uniform in grading.
Dry matter • good to medium.
Consumer Quality • fairly firm to floury in cooking; traces to little after cooking blackening; suitable for fresh consumption, french fries and crisps.
Foliage • good to fairly good.
Diseases • susceptible to leaf blight, moderately resistant to tuber blight; moderately resistant to leaf roll, resistant to virus A, good resistance to virus X, moderately resistant to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; medium, medium green leaves and intermediate silhouette; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • round-oval; yellow, smooth skin; pale yellow flesh; rather shallow eyes.
Sprouts • large, conical, weak to medium intensity of anthocyanin colouration and strong to medium pubescence of base; large terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
**PRIMURA**

**Sirtema x Majestic**

Agricultural characteristics

**Maturity**
- very early to early; medium long dormancy.

**Tubers**
- very large to large, oval, very uniform to uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

**Yield**
- medium; very uniform to uniform in grading.

**Dry matter**
- low.

**Consumer Quality**
- fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

**Foliage**
- fairly good.

**Diseases**
- very susceptible to leaf blight, fairly susceptible to tuber blight; moderately resistant to leaf roll, very susceptible to virus A, fairly susceptible to virus X, susceptible to virus Y; immune to wart disease; fairly susceptible to common scab.

**Morphological characteristics**

**Plant**
- short to medium and intermediate type foliage structure; stems spreading and absent or very weak anthocyanin colouration; large, light to medium green leaves and closed to intermediate silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- oval; yellow, smooth skin; pale yellow flesh; shallow eyes.

**Sprouts**
- medium to large, broad cylindrical, weak to medium intensity of anthocyanin colouration and medium pubescence of base; small terminal bud with weak anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity • medium early to medium late; medium long dormancy.

Tubers • large, round-oval, uniform in shape, yellow skin, shallow eyes; fairly susceptible to internal bruising.

Yield • very high to high; very uniform to uniform in grading.

Dry matter • medium.

Consumer Quality • firm to fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; good resistance to leaf roll, very good resistance to virus A, very good resistance to virus X, very good resistance to virus Y; immune to wart disease; fairly susceptible to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems upright to semi-upright and absent or very weak anthocyanin colouration; large, light to medium green leaves and intermediate to open silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • round-oval; yellow, smooth skin; fairly yellow flesh to pale yellow flesh; shallow eyes.

Sprouts • medium, ovoid, medium intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with weak to medium anthocyanin colouration of tip; medium to many root tips.
**Agricultural characteristics**

**Maturity**
- medium early to medium late; long dormancy.

**Tubers**
- large, long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

**Yield**
- good; uniform in grading.

**Dry matter**
- good to medium.

**Consumer Quality**
- fairly firm to floury in cooking; traces to little after cooking blackening; suitable for fresh consumption and french fries.

**Foliage**
- good.

**Diseases**
- susceptible to leaf blight, good resistance to tuber blight; fairly good resistance to leaf roll, moderately resistant to virus X, fairly good resistance to virus Yn; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

**Morphological characteristics**

**Plant**
- tall and intermediate type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; dark green leaves; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

**Tubers**
- long-oval; yellow, smooth to medium smooth skin; fairly yellow flesh to pale yellow flesh; shallow eyes.

**Sprouts**
- large, broad cylindrical, strong to very strong intensity of anthocyanin colouration and strong pubescence of base; small terminal bud with medium anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • early to medium early; medium to long dormancy.

Tubers • large, oval to long-oval, uniform in shape, red skin, shallow eyes; good resistance to internal bruising.

Yield • high to good; uniform in grading.

Dry matter • low.

Consumer Quality • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage • fairly good.

Diseases • susceptible to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, fairly good resistance to virus Y⁺; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems semi-upright to spreading and medium to strong anthocyanin colouration; medium to large, medium to dark green leaves and intermediate to open silhouette; medium frequency of flowers, medium anthocyanin colouration inner side flower corolla.

Tubers • oval to long-oval; red, medium rough skin; fairly yellow flesh; shallow eyes.

Sprouts • medium to large, conical, strong intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with medium anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity
• very early; medium to long dormancy.

Tubers
• large, round-oval, uniform to moderately uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.

Yield
• good; uniform in grading.

Dry matter
• low to very low.

Consumer Quality
• firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage
• fairly good.

Diseases
• susceptible to leaf blight, fairly susceptible to tuber blight; fairly good resistance to leaf roll, good resistance to virus Y²; fairly susceptible to common scab.

Morphological characteristics

Plant
• short to medium and leaf type foliage structure; stems semi-upright to spreading and medium anthocyanin colouration; medium to large, light green leaves and open silhouette; low frequency of flowers.

Tubers
• round-oval; yellow, smooth skin; pale yellow flesh; rather shallow eyes.

Sprouts
• medium to large, ovoid, medium intensity of anthocyanin colouration and strong pubescence of base; small to medium terminal bud with strong anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity • medium early to medium late; medium to long dormancy.

Tubers • large, long-oval, uniform in shape, red skin, very shallow eyes; good resistance to internal bruising.

Yield • very high to high; uniform in grading.

Dry matter • good.

Consumer Quality • fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage • good.

Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; good resistance to leaf roll, moderately resistant to virus Y⁰; immune to wart disease; fairly susceptible to common scab.

Morphological characteristics

Plant • tall and stem type foliage structure; stems upright to semi-upright and strong to very strong anthocyanin colouration; dark green leaves; high frequency of flowers, medium anthocyanin colouration inner side flower corolla.

Tubers • long-oval; red, smooth to medium smooth skin; pale yellow flesh; very shallow eyes.

Sprouts • medium to large, broad cylindrical, strong intensity of anthocyanin colouration and strong pubescence of base; small terminal bud with weak anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity • medium late; long dormancy.
Tubers • large, oval to round-oval, uniform in shape, red skin, rather shallow eyes; fairly susceptible to internal bruising.
Yield • good; uniform in grading.
Dry matter • medium.
Consumer Quality • fairly firm in cooking; little to slight discolouration of after cooking blackening; suitable for fresh consumption.
Foliage • good.
Diseases • fairly susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, very good resistance to virus Yn; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright and medium anthocyanin colouration; medium, medium green leaves and open silhouette; low frequency of flowers, strong anthocyanin colouration inner side flower corolla.
Tubers • oval to round-oval; red, smooth to medium smooth skin; white flesh; rather shallow eyes.
Sprouts • small, ovoid, strong intensity of anthocyanin colouration and weak pubescence of base; small terminal bud with medium anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity
• medium early; long dormancy.

Tubers
• medium-sized, round-oval, very uniform to uniform in shape, red skin, moderately deep eyes; good resistance to internal bruising.

Yield
• good; uniform in grading.

Dry matter
• medium.

Consumer Quality
• fairly firm in cooking; little to slight discolouration of after cooking blackening; suitable for fresh consumption.

Foliage
• fairly good to average.

Diseases
• fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly susceptible to leaf roll, fairly good resistance to virus A, fairly susceptible to virus X, fairly good resistance to virus Y*; immune to wart disease; moderately resistant to common scab.

Morphological characteristics

Plant
• short to medium and leaf type foliage structure; stems semi-upright to spreading and medium to strong anthocyanin colouration; very large, light to medium green leaves and open silhouette; absent or very low frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.

Tubers
• round-oval; red, smooth skin; yellowish-white flesh; moderately deep eyes.

Sprouts
• small to medium, ovoid, strong intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with weak anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
- medium late; long to very long dormancy.

Tubers
- large, oval to round-oval, uniform in shape, red skin, rather shallow eyes; moderately resistant to internal bruising.

Yield
- high; uniform in grading.

Dry matter
- medium.

Consumer Quality
- firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage
- good.

Diseases
- fairly susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to virus X, fairly susceptible to virus Y; immune to wart disease; susceptible to common scab.

Morphological characteristics

Plant
- tall and intermediate type foliage structure; stems upright and strong to very strong anthocyanin colouration; medium to large, dark green leaves and intermediate silhouette; medium to high frequency of flowers, strong to very strong anthocyanin colouration inner side flower corolla.

Tubers
- oval to round-oval; red, smooth to medium smooth skin; white flesh; rather shallow eyes.

Sprouts
- medium, ovoid, strong to very strong intensity of anthocyanin colouration and medium pubescence of base; medium terminal bud with medium anthocyanin colouration of tip; few to medium root tips.
RUSSET BURBANK

RUSSET BURBANK Mutant of Burbank

Agricultural characteristics

Maturity • medium early to medium late; long to very long dormancy.
Tubers • large, long-oval, uniform to moderately uniform in shape, reddish brown skin, moderately deep eyes; fairly good resistance to internal bruising.
Yield • high to good; uniform in grading.
Dry matter • good.
Consumer Quality • floury in cooking; traces of after cooking blackening; suitable for french fries.
Foliage • good to fairly good.
Diseases • susceptible to leaf blight, very susceptible to tuber blight; fairly susceptible to leaf roll, very susceptible to virus A, susceptible to virus X, fairly susceptible to virus Yn; immune to wart disease; good resistance to common scab.

Morphological characteristics

Plant • tall and leaf type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; large, medium green leaves and open silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • long-oval; reddish brown, rough skin; white flesh; moderately deep eyes.
Sprouts • medium to large, conical, weak intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

- **Maturity**: medium late; long to very long dormancy.
- **Tubers**: very large to large, oval to round-oval, very uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.
- **Yield**: very high; very uniform to uniform in grading.
- **Dry matter**: medium to low.
- **Consumer Quality**: fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.
- **Foliage**: good.
- **Diseases**: good resistance to leaf blight, very good resistance to tuber blight; moderately resistant to virus X, fairly susceptible to virus Yn; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

- **Plant**: medium to tall and intermediate type foliage structure; stems upright to semi-upright and weak anthocyanin colouration; large, dark green leaves and intermediate to open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
- **Tubers**: oval to round-oval; yellow, medium rough skin; pale yellow flesh; rather shallow eyes.
- **Sprouts**: medium, ovoid, medium to strong intensity of anthocyanin colouration and strong to medium pubescence of base; small terminal bud with weak anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity
- early; long dormancy.

Tubers
- large, oval to long-oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.

Yield
- medium; uniform in grading.

Dry matter
- medium.

Consumer Quality
- fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage
- good to fairly good.

Diseases
- susceptible to leaf blight, fairly good resistance to tuber blight; very good resistance to virus Y\(^n\); immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- medium to tall and intermediate type foliage structure; stems semi-upright to spreading and weak to medium anthocyanin colouration; large, medium to dark green leaves and intermediate silhouette; medium frequency of flowers, medium to strong anthocyanin colouration inner side flower corolla.

Tubers
- oval to long-oval; yellow, smooth skin; dark yellow flesh; shallow eyes.

Sprouts
- large, conical, strong intensity of anthocyanin colouration and medium pubescence of base; small to medium terminal bud with weak to medium anthocyanin colouration of tip; few root tips.
SANTANA

Santana Spunta x VK 69-491

Agricultural characteristics

Maturity
- medium early to medium late; medium long dormancy.

Tubers
- large, long-oval, uniform in shape, yellow skin, very shallow eyes; moderately resistant to internal bruising.

Yield
- good to medium; uniform in grading.

Dry matter
- high to good.

Consumer Quality
- floury in cooking; little after cooking blackening; suitable for fresh consumption and french fries.

Foliage
- good to fairly good.

Diseases
- fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly susceptible to leaf roll, very good resistance to virus A, fairly good resistance to virus X, fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- short to medium and intermediate type foliage structure; stems semi-upright and very weak to weak anthocyanin colouration; medium to large, medium to dark green leaves and intermediate silhouette; medium frequency of flowers, medium anthocyanin colouration inner side flower corolla.

Tubers
- long-oval; yellow, smooth skin; pale yellow flesh; very shallow eyes.

Sprouts
- medium to large, conical, medium intensity of anthocyanin colouration and weak to very weak pubescence of base; medium to large terminal bud with weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity
- medium early to medium late; medium to long dormancy.

Tubers
- large, oval to round-oval, uniform to moderately uniform in shape, yellow skin, rather shallow eyes; fairly good resistance to internal bruising.

Yield
- high; uniform to moderately uniform in grading.

Dry matter
- good to medium.

Consumer Quality
- fairly firm in cooking; traces to little after cooking blackening; suitable for fresh consumption.

Foliage
- fairly good.

Diseases
- fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly good resistance to leaf roll, resistant to virus A, resistant to virus X, very good resistance to virus Yn; immune to wart disease; resistant to Ro1, Ro2/3 and Pa2 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant
- short to medium and intermediate type foliage structure; stems semi-upright to spreading and absent or very weak anthocyanin colouration; medium to large, light to medium green leaves and open silhouette; low frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- oval to round-oval; yellow, smooth skin; pale yellow flesh; rather shallow eyes.

Sprouts
- small to medium, ovoid, weak intensity of anthocyanin colouration and absent or very weak pubescence of base; small terminal bud with very weak to weak anthocyanin colouration of tip; few root tips.
Agricultural characteristics

Maturity • medium early to medium late; long dormancy.

Tubers • medium-sized, round-oval, moderately uniform to variable in shape, yellow skin, rather deep eyes; moderately resistant to internal bruising.

Yield • good; uniform to moderately uniform in grading.

Dry matter • very high.

Consumer Quality • fairly firm to floury in cooking; traces of after cooking blackening; suitable for crisps.

Foliage • good to fairly good.

Diseases • moderately resistant to leaf blight, fairly good resistance to tuber blight; fairly susceptible to leaf roll, resistant to virus A, fairly good resistance to virus X, moderately resistant to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems upright to semi-upright and medium to strong anthocyanin colouration; medium, medium to dark green leaves and intermediate to open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • round-oval; yellow, smooth to medium smooth skin; pale yellow flesh; rather deep eyes.

Sprouts • medium to large, ovoid, strong to very strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with medium anthocyanin colouration of tip; medium root tips.
SERESTA SVP AM 78-3704 x Sonate

Agricultural characteristics

Maturity • medium late.
Tubers • large, round, uniform in shape, yellow skin, rather deep eyes; fairly susceptible to internal bruising.
Yield • good to medium; uniform in grading.
Dry matter • high to good.
Consumer Quality • suitable for starch production only.
Foliage • good.
Diseases • fairly good resistance to leaf blight, good resistance to tuber blight; moderately resistant to leaf roll, moderately resistant to virus X, moderately resistant to virus Yn; immune to wart disease; resistant to Ro1, Ro2/3, Pa2 and Pa3 of the potato cyst nematode.

Morphological characteristics

Plant • tall and intermediate type foliage structure; stems upright to semi-upright and medium anthocyanin colouration; small to medium, dark green leaves and intermediate to open silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • round; yellow; pale yellow flesh; rather deep eyes.
Sprouts • large, ovoid, strong to very strong intensity of anthocyanin colouration and medium to weak pubescence of base; medium to large terminal bud with strong anthocyanin colouration of tip; medium root tips.
Agricultural characteristics

Maturity
- medium early to medium late; medium to long dormancy.

Tubers
- large, round-oval, uniform in shape, yellow skin, rather shallow eyes; good resistance to internal bruising.

Yield
- high; uniform in grading.

Dry matter
- good.

Consumer Quality
- firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage
- good to fairly good.

Diseases
- fairly susceptible to leaf blight, good resistance to tuber blight; fairly good resistance to virus Y<sup>+</sup>; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
- medium to tall and intermediate type foliage structure; stems upright to semi-upright and weak to medium anthocyanin colouration; medium, medium to dark green leaves and closed to intermediate silhouette; high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- round-oval; yellow, smooth skin; pale yellow flesh; rather shallow eyes.

Sprouts
- medium, broad cylindrical, medium intensity of anthocyanin colouration and medium pubescence of base; small terminal bud with weak anthocyanin colouration of tip; many root tips.
Agricultural characteristics

Maturity • medium early; medium long dormancy.

Tubers • large, oval to round-oval, uniform in shape, yellow skin, rather shallow to moderately deep eyes; moderately resistant to internal bruising.

Yield • high to good; uniform in grading.

Dry matter • good.

Consumer Quality • fairly firm in cooking; little after cooking blackening; suitable for french fries and crisps.

Foliage • good.

Diseases • fairly susceptible to leaf blight, good resistance to tuber blight; moderately resistant to leaf roll, good resistance to virus X, moderately resistant to virus Y; resistant to Ro1 of the potato cyst nematode; susceptible to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; medium to large, medium to dark green leaves and intermediate silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • oval to round-oval; yellow, medium rough skin; pale yellow flesh; rather shallow to moderately deep eyes.

Sprouts • large, conical, strong to very strong intensity of anthocyanin colouration and strong to medium pubescence of base; small to medium terminal bud with medium to strong anthocyanin colouration of tip; medium root root tips.
Agricultural characteristics

Maturity • medium late; long dormancy.
Tubers • medium-sized, oval, uniform in shape, yellow skin, moderately deep eyes; fairly good resistance to internal bruising.
Yield • high; uniform to moderately uniform in grading.
Dry matter • medium.
Consumer Quality • suitable for starch production.
Foliage • good.
Diseases • fairly susceptible to leaf blight, moderately resistant to tuber blight; susceptible to leaf roll, good resistance to virus X, fairly good resistance to virus Yn; resistant to Ro1, Pa2 and Pa3 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant • medium to tall and leaf type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; medium to large, light to medium green leaves and intermediate to open silhouette; medium to high frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.
Tubers • oval; yellow, medium rough to rough skin; yellowish-white flesh; moderately deep eyes.
Sprouts • medium, ovoid, medium to strong intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with medium anthocyanin colouration of tip; few to medium root tips.
**Agricultural characteristics**

- **Maturity**: medium early; medium to long dormancy.
- **Tubers**: very large, long, uniform in shape, yellow skin, very shallow eyes; good resistance to internal bruising.
- **Yield**: high; uniform in grading.
- **Dry matter**: good to medium.
- **Consumer Quality**: fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.
- **Foliage**: good.
- **Diseases**: fairly susceptible to leaf blight, susceptible to tuber blight; fairly good resistance to leaf roll, resistant to virus A, moderately resistant to virus X, fairly good resistance to virus Yn; immune to wart disease; fairly susceptible to common scab.

**Morphological characteristics**

- **Plant**: tall and intermediate type foliage structure; stems upright to semi-upright and medium anthocyanin colouration; medium to large, dark green leaves and intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
- **Tubers**: long; yellow, smooth skin; pale yellow flesh; very shallow eyes.
- **Sprouts**: large, broad cylindrical, strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium to large terminal bud with weak to medium anthocyanin colouration of tip; medium to many root tips.
**SYLVANA**

### Agricultural characteristics

- **Maturity**: medium early to medium late; long dormancy.
- **Tubers**: large, round-oval to oval, uniform in shape, yellow skin, shallow to rather shallow eyes; fairly good resistance to internal bruising.
- **Yield**: high; uniform in grading.
- **Dry matter**: good.
- **Consumer Quality**: fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.
- **Foliage**: fairly good.
- **Diseases**: fairly susceptible to leaf blight, fairly good resistance to tuber blight; fairly good resistance to leaf roll, moderately resistant to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

### Morphological characteristics

- **Plant**: tall and intermediate type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; large, medium to dark green leaves and intermediate silhouette; high frequency of flowers, strong anthocyanin colouration inner side flower corolla.
- **Tubers**: round-oval to oval; yellow, smooth skin; fairly yellow flesh; shallow to rather shallow eyes.
- **Sprouts**: medium, conical, very weak to weak intensity of anthocyanin colouration and medium to weak pubescence of base; small terminal bud with very weak to weak anthocyanin colouration of tip; few root tips.
TAURUS

Panda x RZ-87-44

Agricultural characteristics

Maturity
• medium early to medium late; long to very long dormancy.

Tubers
• large, round to round-oval, uniform in shape, yellow skin, rather shallow eyes; moderately resistant to internal bruising.

Yield
• good; uniform in grading.

Dry matter
• high.

Consumer Quality
• fairly firm to floury in cooking; little after cooking blackening; suitable for crisps.

Foliage
• fairly good.

Diseases
• moderately resistant to leaf blight, good resistance to tuber blight; very good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant
• medium to tall and intermediate type foliage structure; stems upright to semi-upright and weak anthocyanin colouration; medium to large, medium to dark green leaves and intermediate to open silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
• round to round-oval; yellow, smooth skin; pale yellow flesh; rather shallow eyes.

Sprouts
• large, spherical, medium to strong intensity of anthocyanin colouration and strong to medium pubescence of base; large terminal bud with medium anthocyanin colouration of tip; very few to few root tips.
Agricultural characteristics

Maturity • medium early; long to very long dormancy.

Tubers • large, long-oval, uniform in shape, pale yellow skin, shallow eyes; good resistance to internal bruising.

Yield • very high; uniform in grading.

Dry matter • good to medium.

Consumer Quality • firm to fairly firm in cooking; slight discolouration of after cooking blackening; suitable for fresh consumption.

Foliage • good to fairly good.

Diseases • fairly susceptible to leaf blight, good resistance to tuber blight; moderately resistant to leaf roll, good resistance to virus A, moderately resistant to virus X, fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • medium to tall and stem type foliage structure; stems semi-upright and weak to medium anthocyanin colouration; medium, medium to dark green leaves and closed to intermediate silhouette; medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers • long-oval; pale yellow, smooth skin; pale yellow flesh; shallow eyes.

Sprouts • medium to large, conical, medium to strong intensity of anthocyanin colouration and strong to medium pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity
- medium early to medium late; long dormancy.

Tubers
- large, oval to long-oval, uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

Yield
- good to medium; uniform in grading.

Dry matter
- good.

Consumer Quality
- fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption and french fries.

Foliage
- very good.

Diseases
- moderately resistant to leaf blight, fairly good resistance to tuber blight; moderately resistant to leaf roll, moderately resistant to virus X, fairly good resistance to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; fairly susceptible to common scab.

Morphological characteristics

Plant
- medium to tall and stem type foliage structure; stems upright and weak anthocyanin colouration; large to very large, medium to dark green leaves and intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.

Tubers
- oval to long-oval; yellow, rough skin; fairly yellow flesh; shallow eyes.

Sprouts
- medium, ovoid, medium to strong intensity of anthocyanin colouration and strong to medium pubescence of base; small to medium terminal bud with weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

Maturity  • early to medium early; medium to long dormancy.
Tubers  • large, oval to long-oval, very uniform to uniform in shape, yellow skin, very shallow eyes; fairly good resistance to internal bruising.
Yield  • high; uniform in grading.
Dry matter  • medium to low.
Consumer Quality  • firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.
Foliage  • good.
Diseases  • fairly susceptible to leaf blight, fairly good resistance to tuber blight; good resistance to leaf roll, very good resistance to virus A, moderately resistant to virus X, very good resistance to virus Y; fairly susceptible to common scab.

Morphological characteristics

Plant  • medium to tall and intermediate type foliage structure; stems upright to semi-upright and absent or very weak anthocyanin colouration; medium, light to medium green leaves and intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers  • oval to long-oval; yellow, smooth skin; pale yellow flesh; very shallow eyes.
Sprouts  • medium to large, conical, weak to medium intensity of anthocyanin colouration and strong to medium pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; medium root tips.
VOLUMIA

Mondial x Adora

Agricultural characteristics

Maturity • early; medium to long dormancy.
Tubers • very large to large, oval, uniform in shape, yellow skin, shallow eyes; good resistance to internal bruising.
Yield • good; uniform in grading.
Dry matter • medium to low.
Consumer Quality • firm to fairly firm in cooking; traces of after cooking blackening; suitable for fresh consumption.
Foliage • good.
Diseases • susceptible to leaf blight, good resistance to tuber blight; susceptible to leaf roll, moderately resistant to virus Y; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; medium to large, medium green leaves and closed to intermediate silhouette; low to medium frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • oval; yellow, smooth skin; pale yellow flesh; shallow eyes.
Sprouts • medium to large, conical, weak intensity of anthocyanin colouration and medium to weak pubescence of base; small to medium terminal bud with absent or very weak anthocyanin colouration of tip; few to medium root tips.
Agricultural characteristics

**Maturity**  
- medium early to medium late; long dormancy.

**Tubers**  
- large, round, very uniform to uniform in shape, yellow skin, shallow eyes; fairly good resistance to internal bruising.

**Yield**  
- good; uniform in grading.

**Dry matter**  
- very high.

**Consumer Quality**  
- fairly firm to floury in cooking; little after cooking blackening; suitable for crisps.

**Foliage**  
- good.

**Diseases**  
- susceptible to leaf blight, fairly good resistance to tuber blight; moderately resistant to virus X, fairly susceptible to virus Yn; immune to wart disease; resistant to Ro1 of the potato cyst nematode; moderately resistant to common scab.

Morphological characteristics

**Plant**  
- medium to tall and leaf type foliage structure; stems semi-upright to spreading and weak anthocyanin colouration; large, light to medium green leaves and intermediate silhouette; high frequency of flowers, medium anthocyanin colouration inner side flower corolla.

**Tubers**  
- round; yellow, medium rough skin; fairly yellow flesh to pale yellow flesh; shallow eyes.

**Sprouts**  
- medium, spherical, strong to very strong intensity of anthocyanin colouration and strong to medium pubescence of base; medium terminal bud with strong anthocyanin colouration of tip; medium root tips.
ZAFIRA Armundo x AR85-2207

Agricultural characteristics

Maturity • medium early to medium late; medium to long dormancy.

Tubers • large, oval to long-oval, uniform in shape, yellow skin, shallow eyes; fairly susceptible to internal bruising.

Yield • high; uniform in grading.

Dry matter • low.

Consumer Quality • firm to fairly firm in cooking; little after cooking blackening; suitable for fresh consumption.

Foliage • fairly good.

Diseases • fairly susceptible to leaf blight, susceptible to tuber blight; fairly good resistance to virus Y; resistant to Ro1 of the potato cyst nematode; fairly good resistance to common scab.

Morphological characteristics

Plant • medium to tall and intermediate type foliage structure; stems semi-upright to spreading and very weak to weak anthocyanin colouration; medium to large, medium green leaves and intermediate to open silhouette; medium to high frequency of flowers, weak to medium anthocyanin colouration inner side flower corolla.

Tubers • oval to long-oval; yellow, smooth skin; pale yellow flesh; shallow eyes.

Sprouts • medium to large, broad cylindrical, weak intensity of anthocyanin colouration and weak pubescence of base; medium to large terminal bud with very weak to weak anthocyanin colouration of tip; medium to many root tips.
Agricultural characteristics

Maturity • early to medium early; long dormancy.
Tubers • large, long, very uniform to uniform in shape, pale yellow skin, shallow eyes; good resistance to internal bruising.
Yield • good; very uniform to uniform in grading.
Dry matter • high.
Consumer Quality • floury in cooking; suitable for french fries.
Foliage • good.
Diseases • moderately resistant to leaf blight, moderately resistant to tuber blight; fairly good resistance to leaf roll, fairly good resistance to virus A, fairly good resistance to virus X, fairly good resistance to virus Y; good resistance to common scab.

Morphological characteristics

Plant • medium and intermediate type foliage structure; stems upright to semi-upright and absent or very weak anthocyanin colouration; medium to large, dark green leaves and closed to intermediate silhouette; medium to high frequency of flowers, absent or very weak anthocyanin colouration inner side flower corolla.
Tubers • long; pale yellow, smooth skin; pale yellow flesh; shallow eyes.
Sprouts • medium, conical, medium intensity of anthocyanin colouration and weak pubescence of base; small to medium terminal bud with very weak to weak anthocyanin colouration of tip; medium root tips.
# Breeders and representatives of the varieties

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* (For deliveries of this variety, please contact the Nederlandse Aardappel Organisatie (NAO, Dutch Potato Organisation))
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