

Say potato, say Agrico.

Well-established in all markets

Agrico's product range includes specialized potato varieties marketed under the 'Next Generation' label. These varieties exhibit high resistance to late blight, scoring 8 or more for both foliage and tuber, and are available across all market segments in which Agrico operates.

he past two years have clearly underscored the importance of good late blight resistance. Both growing seasons experienced significant late blight outbreaks. In 2023 the fungus gained momentum later in the season, while the previous growing season presented early infestations. Our Next Generation varieties have consistently demonstrated their effectiveness during these challenging years.

This year, we have eleven late blight-resistant potato varieties on the market. However, we don't plan to stop there; we aim to introduce new varieties with cumulative resistance in the years ahead, providing even better and broader late blight protection.

The 'Next Generation' label has proven invaluable in both conventional and organic potato cultivation. In the early years, our focus was primarily on organic farming with these varieties, but in recent years the conventional sector has also recognized the value of these varieties, each with unique resistance genes. This is a positive development, as these varieties significantly reduce yield loss risks for both organic and conventional growers, while also lowering costs associated with plant protection products, ultimately improving crop profitability.

The term 'robust varieties' is frequently used and I believe it encompasses more than just late blight resistance. Robustness also implies

lower input in potato cultivation, thereby reducing the use of plant protection products and nitrogen. These are two crucial aspects that we, at Agrico, prioritize. Our breeding also focuses on the robustness of our varieties.

Robust varieties – those with greater resilience - enable us to adapt to climate change. This is relevant not only in the Netherlands, but also in all countries where our varieties are grown. Even internationally, potato-growing conditions can be far from ideal and often present significant challenges.

Agrico offers a wide range of varieties and is well-established in all markets. Not only when it comes to serving all segments - from starch to fries to export potatoes - but also in addressing changing climate conditions.

We also demonstrate this during our Variety Show. For our spotlight varieties, this year we have chosen to highlight one variety from each market segment. This variety catalogue provides detailed information about these six varieties. We look forward to sharing more insights about these varieties during our Variety Show. ■



Mark Zuidhof General Director

Content.









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Agrico has taken all reasonable care in producing these variety descriptions. However, please note that any information may be subject to change and Agrico accepts no responsibility for errors or omissions. In no event shall Agrico be liable for damages arising from or related to the information contained within these descriptions.

Next Generation

Diseases and pests significantly influence the stability of the potato yield. Breeding potato varieties that are resistant to late blight (Phytophthora infestans) is an important goal of our potato breeding program at Agrico Research. Our innovative Next Generation varieties with their natural resistance to late blight are one of the results of this.

he Next Generation varieties are the link between answering the global need for sustainability and increased yield security while maintaining excellent consumption characteristics. This is a good and significant step towards a future in which late blight is no longer such a great threat to the potato, and it is the result of the innovative breeding work carried out by Agrico Research.

However, this is not the end of the road for Agrico's breeding research. As the fungus mutates, and the world climatic conditions continue to change, Agrico will continue its development work and expects in the years ahead to add even more sustainable, late blight-resistant varieties to its Next Generation portfolio.



Next Generation potatoes:

The best defence against late blight

What is 'Next Generation'?

Our Next Generation varieties have natural late blight protection caused by "Phytophthora infestans". This keeps our potatoes free from late blight for a longer period after planting, contributing to yield security, plus it helps in saving crop protection products.

Our goal is to find a more sustainable solution against late blight. We believe that our Next Generation potatoes are the future for potato farmers.





At Agrico, we started to research late blight resistant genes in 1985 and have increased our efforts since the year 2000.

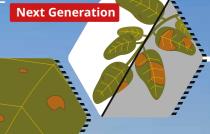
How does it work?

Imagine that late blight spores have to climb a mountain before they can infect the plant. The higher the mountain, the more difficult it is for the spores to reach the top, and the longer it takes to infect the crop. Next Generation varieties are like that mountain; they delay late blight infection.



Our Next Generation varieties currently have 5 different genes that offer natural late blight protection, representing mountains of different heights. Potatoes without these genes are similar to flat land with no mountains, which allows late blight to easily infect them, making them more susceptible to the disease. Carolus, Nirvana, Twinner, Twister, Alouette, Ardeche and Levante are like the Ardennes, while Beyonce, Sevilla, Fenna, and Jacky are more like the Alps. So, the higher the mountain, the more effort it takes for spores to infect the plant.

Let's take a closer look at the leaves of the potato plant, to see what happens when the late blight spores reach the plant. The spores have the energy to penetrate the cell only once. Plants with the Next Generation gene recognize the spore and burn down the penetrated cell. As a result, the spore cannot establish a feeding site and dies. This process is the reason that Next Generation potatoes stay longer free from late blight than varieties without this resistance gene.



What are the benefits?

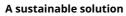
New season, new climb

Next Generation potatoes act in such a way that the late blight fungus must find a way to infect the crop once more in a new season. Even if the gene breaks down and your crop is infected in a given season, it does not mean that in the next season your crop is not protected again. Essentially, each season, late blight needs to climb the mountain again.



Different genes have different modes of action

There are several varieties of Next Generation potatoes. All varieties share enhanced protection against late blight, but they do not all contain the same gene. In total, five different genes are available in our current Next Generation varieties, that give protection against late blight. This means that if late blight manages to infect a variety group with a specific gene, varieties with other genes remain protected. Thus, in such an event, Only varieties with identical genes are at risk.



The natural protection of Next Generation varieties means that you need fewer crop protection products to keep your crop healthy, resulting in reduced loss of yields and lower input costs.

How does it differ from crop protection?

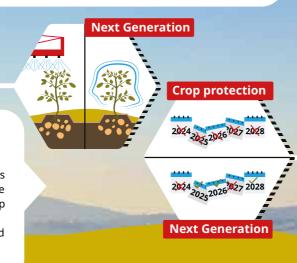


It is the combination that is successful

Since more and more crop protection products are forced to be withdrawn and since the remaining products increasingly suffer from losing their efficiency, managing the treat of late blight with crop protection products alone does not seem to offer a long-term solution. For optimal late blight protection, the best approach will come from combining Next Generation varieties with a reduced use of crop protection products.

Understanding the various menings of resistant

If crop protection products appear to have become less effective due to genetical changes in late blight, this situation tends to remain over seasons. As a consequence, the number of active ingredients in products available become even more limited. This leads to fewer options for managing late blight by crop protection products alone. The capacity of late blight to bypass recognition by the genes in Next Generation varieties is far less stable. So, late blight is forced to climb the mountain each season again. In other words, every season, your Next Generation variety starts with a clean slate.



What does the future hold?

Let's take the next step in potato cultivation and ensure that everyone in the potato value chain benefits from the Next Generation varieties.



Our goal is to cross multiple genes into one variety, forcing late blight to climb not one, but multiple mountains before it can infect the crop. This will make our Next Generation varieties stronger, resulting in a lower risk of crop failure or loss of yields, and even less use of crop protection products.

about our Next
Generation potatoes?
Scan the QR-Code



Only traditional breeding applied

Agrico has consciously chosen to use traditional and widely accepted breeding methods only. In none of our markets, these traditional methods of crossing and selection are subject to public debate.





ProcessingFrench fries

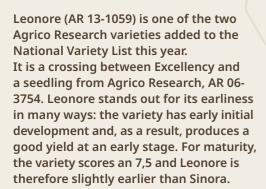
An early processing variety with early a good yield and dry matter content.

- Early maturity
- Good virus resistance
- Long oval tubers with nice skin finish

General characteristics

Breeder: Agrico Research B.V. **Crossing:** EXCELLENCY x AR 06-3754

Seedling: AR 13-1059 Breeders' right: Pending



The tubers are large, long and oval, certainly for the early segment. They have an excellent skin finish, which makes Leonore suitable for markets in which earliness, dry matter and an excellent skin are preferred. The variety is also characterized by a high dry matter content (21,5%). The combination of early maturity, long tubers and high dry matter content is unique, making Leonore an ideal early variety for the french fries industry.

In addition, this variety has good virus resistance (7,5), making this potato very attractive for seed potato cultivation.

Leonore is resistant to golden nematode Ro1 and potato wart disease 1. As well as the good french fries quality, Leonore has good cooking qualities and is therefore a true multipurpose variety. That is why we are convinced that Leonore will become a successful variety.



CHARACTERISTICS

Plant and tuber characteristics

Maturity: early / 7,5 Light sprout colour: -

Flower colour: white

Number of berries: none / 8

Foliage - initial development: fast / 8

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7

Skin colour: yellow

Flesh colour: yellow / 7

Skin finish: good / 7

Tuber shape: long oval

Regularity of tuber shape: quite regular / 6,5

Tuberisation: average / 6,5

Tuber size: quite large / 7,5

Regularity of tuber size: quite regular / 6,5

Dormancy: average / 6,5

Sensitivity and quality

Secondary growth: quite sensitive / 6,5

Black spot (internal bruising): slightly to not sensitive / 8

 $\textbf{Growth cracks:} \ \text{slightly sensitive / 7}$

Harvest damage: quite sensitive / 6

HOW TO GROW

Fertilization¹

Nitrogen: standard advice + 10%. Phosphate: standard advice. Potassium: standard advice.

Seed treatment

Desprouting more than once can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 24 cm (55.000 plants/ha) 35/55 mm: 31 cm (42.000 plants/ha) Plant Leonore a bit deeper than other varieties to avoid green tubers.

¹ Level of fertilization is based on soil analysis

Weeds

Metribuzin (Sencor) scores are not yet determined.

Fungicides

A strict preventive spraying schedule against late blight is necessary.

Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least two weeks after haulm killing before harvest.

Storage

Preferred storage temperature is 7 °C. Suitable for delivery straight from the field or short term storage.



agricopotatoes.com/leonore

Metribuzin - pre-emergence: slightly to not sensitive / 8
Metribuzin - post-emergence: slightly to not sensitive / 8

Underwater weight: 397 Dry matter content: 21,5% Cooking type: floury / BC

Discolouration after cooking: slightly sensitive / 7,5

Raw discolouration: very sensitive / 4

Fries quality: good / 7

Dry matter distribution: good / 7,5

Crisping quality: -TGA - level: 6,7

Resistances

Ethylene: -

Virus - Leafroll: -

Virus - Yn: slightly susceptible / 7,5 Virus - Yntn: slightly susceptible / 6

Spraing: susceptible / 5,5

Late blight - foliage: very susceptible / 3,5

Late blight - tuber: susceptible / 5

Fusarium: slightly susceptible / 6 Common scab: susceptible / 5,5 Powdery scab: very susceptible / 3 Black dot: susceptible / 5

Wart disease F1: resistant / 10

Wart disease F6: -Wart disease F18: -

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: White nematode Pa 2: White nematode Pa 3: -





Sidney (AR 12-1680).



Processing

French fries

Early maincrop, creamy fleshed, processing variety suitable for the French fries industry.

- Big sized tubers
- Good virus resistances
- Good dormancy

General characteristics

Breeder: Agrico Research B.V. **Crossing:** LADY ANNA x AR 05-3392

Seedling: AR 12-1680 Breeders' right: Pending



Sidney (AR 12-1680) is the second Agrico Research french fries variety added this year to the National Variety List. It is a crossing between Lady Anna and an Agrico Research seedling AR 05-3392. Like Leonore, Sidney stands out because of its long tubers with high dry matter content and high yield. It has cream flesh, making this variety particularly suitable for quick-service restaurants. or fast-food chains.

As Sidney has very few internal defects, it can be grown in all soil types. Sidney's maturity scores a 6, and that is relatively early for a french fries variety. Sidney has a strong plant, white flowers, and can handle warm and dry growing conditions. Many growers are looking for high-yielding varieties that are not too late, and Sidney fits this profile perfectly. The dry matter content is approximately 21,5%, and the dry matter distribution is very good. Additionally, Sidney is a variety with very good virus resistance and broad nematode resistance: for Ro1 it scores a 9, for Pa 2 an 8 and for Pa 3 a 6.

Due to the combination of a cream flesh color and very good dry matter distribution, Sidney is highly suitable for the QSR market (fast-food chains), which is a large market. The french fries market is still growing rapidly worldwide, so we plan to introduce Sidney to many parts of the world. With Sidney, Agrico has another excellent new french fries variety for many countries: easy to grow, with broad market penetration.

CHARACTERISTICS

Plant and tuber characteristics

Maturity: early maincrop / 6 Light sprout colour: -

Flower colour: white

Number of berries: -

Foliage - initial development: quite fast / 7

Foliage - final development: quite good / 7,5

Foliage - firmness: quite firm / 7,5

Skin colour: yellow

Flesh colour: creamy / 4,5

Skin finish: quite poor / 5

Tuber shape: long oval

Regularity of tuber shape: quite regular / 6,5

Tuberisation: average / 6

Tuber size: quite large / 7,5

Regularity of tuber size: quite regular / 6,5

Dormancy: average / 6,5

Sensitivity and quality

Secondary growth: quite sensitive / 6,5

Black spot (internal bruising): slightly sensitive / 7,5

Growth cracks: sensitive / 5,5

Harvest damage: slightly sensitive / 7

Metribuzin - pre-emergence: quite sensitive / 6,5 Metribuzin - post-emergence: quite sensitive / 6,5 Ethylene: 5% fewer to 5% more tubers / 5

HOW TO GROW

Fertilization¹

Nitrogen: standard advice.
Preferably a high initial application, a second treatment is optional.
Phosphate: standard advice.
Potassium: standard advice.

Seed treatment

Desprouting can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 27 cm (50.000 plants/ha) 35/55 mm: 33 cm (40.000 plants/ha) 50/55 mm: 40 cm (33.000 plants/ha)

Weeds

After emerge, don't use metribuzin (Sencor), as it gives a severe foliage reaction and a serious yield reduction.

Fungicides

A strict preventive spraying schedule against late blight is necessary.

Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least three weeks after haulm killing before harvest.

Storage

Preferred storage temperature is 5 °C. For processing purposes, do not store below 7 °C. Suitable for medium term storage.



Level of fertilization is based on soil analysis
 agricopotatoes.com/sidney

Underwater weight: 396
Dry matter content: 21,5%
Cooking type: rather floury / B

Discolouration after cooking: slightly sensitive / 7 **Raw discolouration:** slightly sensitive / 7,5 **Fries quality:** above average / 6,5

Crisping quality: TGA - level: 5,5

Resistances

Virus - Leafroll: -

Virus - Yn: slightly to not susceptible / 8 Virus - Yntn: slightly susceptible / 7,5

Dry matter distribution: excellent / 8,5

Spraing: slightly to not susceptible / 8
Late blight - foliage: very susceptible / 4
Late blight - tuber: slightly to not susceptible / 8

Fusarium: slightly susceptible / 6 Common scab: susceptible / 5,5 Powdery scab: slightly susceptible / 6

Black dot: susceptible / 5,5

Wart disease F1: very susceptible* / 1* Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9
Golden nematode Ro 2/3: susceptible / 4
White nematode Pa 2: field resistant / 8
White nematode Pa 3: moderately susceptible / 6

* Results marked with an asterisk (*) are based on our own research and have not yet been officially published.





At home in all markets

agricopotatoes.com

Every year we select a number of varieties that warrant extra attention. These 'spotlight varieties' are innovative varieties that are currently taking the market by storm, or that have already established their identity. Due to our wide range, this year we have chosen to highlight one variety from each market segment, demonstrating once again that we are at home in all markets.

Napoleon.

Reliable potato for top-quality potato chips!

- Excellent potato chip quality
- Resilient in all conditions
- Good virus resistance

General characteristics

Breeder: Agrico Research B.V. Crossing: ANTINA x ALICANTE



Processing

HOW TO GROW

Fertilization¹

Nitrogen: standard advice - 10%. Phosphate: standard advice. Potassium: standard advice + 20%.

Seed treatment

Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

Planting distance

28/35 mm: 25 cm (54.000 plants/ha) 35/55 mm: 30 cm (45.000 plants/ha) 50/55 mm: 40 cm (33.000 plants/ha)

Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or yield reduction.

Fungicides

A preventive spraying schedule against late blight is advised.

Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least three weeks after haulm killing before harvest.

Storage

For processing purposes, do not store below 9 °C. Suitable for medium to long term storage.



agricopotatoes.com/napoleon

Seedling: AR 10-4637 Breeders' right: 31-12-2051

CHARACTERISTICS

Plant and tuber characteristics

Maturity: maincrop / 5

Light sprout colour: red violet

Flower colour: white

Number of berries: very high / 4

Foliage - initial development: quite fast / 7

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7,5

Skin colour: yellow

Flesh colour: light yellow / 6,5

Skin finish: quite poor / 5 Tuber shape: round oval

Regularity of tuber shape: regular / 7

Tuberisation: average / 6

Tuber size: quite large / 7,5

Regularity of tuber size: regular / 7

Dormancy: average / 6

Sensitivity and quality

Secondary growth: quite sensitive / 6,5 Black spot (internal bruising): sensitive / 5,5 **Growth cracks:** quite sensitive / 6 Harvest damage: quite sensitive / 6,5

Metribuzin - pre-emergence: slightly sensitive / 7 Metribuzin - post-emergence: slightly sensitive / 7

Ethylene: 5% fewer tubers / 5

Underwater weight: 450 Dry matter content: 24,1% Cooking type: floury / BC

Discolouration after cooking: quite sensitive / 6

Raw discolouration: quite sensitive / 6

Fries quality: good / 7

Dry matter distribution: good / 7 Crisping quality: excellent / 8

TGA - level: 4,0

Resistances

Virus - Leafroll: - / -

Virus - Yn: slightly to not susceptible / 8 Virus - Yntn: slightly to not susceptible / 8

Spraing: susceptible / 5

Late blight - foliage: slightly susceptible / 6 Late blight - tuber: slightly susceptible / 6,5 Fusarium: slightly susceptible / 6,5 Common scab: slightly susceptible / 6

¹ Level of fertilization is based on soil analysis

Powdery scab: - / -

Black dot: slightly susceptible / 6

Wart disease F1: resistant / 10

Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: - / -

White nematode Pa 2: susceptible / 4

White nematode Pa 3: susceptible / 2

Say potato, say Agrico.





Adrie Omtzigt Product Manager

Discover Napoleon, the outstanding potato variety for high-quality potato crisps! Due to its excellent frying quality, even dry matter distribution and minimal sugar defects, Napoleon consistently delivers an exceptional final product. The variety produces good yields and very uniformly sized tubers, ideal for the potato crisps segment. With excellent virus resistance and adaptability to various growing conditions, Napoleon is a very robust variety. Choosing Napoleon means choosing quality and reliability.

Armedi.

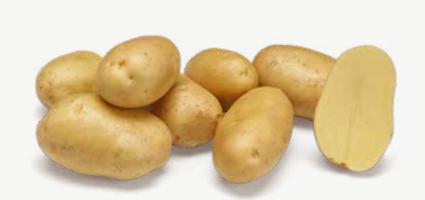
Timeless perfection; maintains quality during storage!

- Beautiful long oval tubers
- **Multiple PCN resistances**
- Good storability

General characteristics

Breeder: Agrico Research B.V. Crossing: TOPAS x BASIN RUSSET

Seedling: AR 10-2432 Breeders' right: 31-12-2051



Processing

HOW TO GROW

Fertilization¹

Nitrogen: standard advice - 10%. Phosphate: standard advice. Potassium: standard advice + 25%.

Seed treatment

A short heat shock or proper pre-sprouting is recommended. Desprouting more than once can have a negative impact on yield and size regularity.

28/35 mm: 25 cm (55.000 plants/ha)

Planting distance

35/55 mm: 34 cm (40.000 plants/ha)

¹ Level of fertilization is based on soil analysis

After emerge, don't use metribuzin (Sencor), as it gives a severe foliage reaction and a serious yield reduction.

Fungicides

Weeds

A strict preventive spraying schedule against late blight is necessary.

Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least three weeks after haulm killing before harvest.

Storage

For processing purposes, do not store below 7 °C. Suitable for long term storage.



agricopotatoes.com/armedi

CHARACTERISTICS

Plant and tuber characteristics

Maturity: early maincrop / 5,5

Light sprout colour: -Flower colour: purple

Number of berries: average / 6

Foliage - initial development: quite fast / 7 Foliage - final development: good / 8

Foliage - firmness: firm / 8

Skin colour: yellow Flesh colour: light yellow / 6

Skin finish: average / 6

Tuber shape: oval long Regularity of tuber shape: regular / 7

Tuberisation: average / 6,5

Tuber size: quite large / 7,5 Regularity of tuber size: quite regular / 6,5

Dormancy: average / 6,5

Sensitivity and quality

Secondary growth: quite sensitive / 6 Black spot (internal bruising): quite sensitive / 6,5 Growth cracks: slightly sensitive / 7

Harvest damage: quite sensitive / 6

Metribuzin - pre-emergence: very sensitive / 3 Metribuzin - post-emergence: very sensitive / 3 Ethylene: 5% fewer to 5% more tubers / 5

Underwater weight: 402 Dry matter content: 21,8% Cooking type: floury / C

Discolouration after cooking: slightly sensitive / 7

Raw discolouration: quite sensitive / 6,5

Fries quality: excellent / 8

Dry matter distribution: average / 6,5

Crisping quality: good / 7

TGA - level: 6,0

Resistances

Virus - Leafroll: - / -

Virus - Yn: very susceptible / 4,5

Virus - Yntn: - / -

Spraing: slightly susceptible / 7,5

Late blight - foliage: very susceptible / 4 Late blight - tuber: slightly susceptible / 7,5 Fusarium: slightly susceptible / 6 Common scab: susceptible / 5,5 Powdery scab: susceptible / 5,5 Black dot: susceptible / 5,5

Wart disease F1: slightly susceptible / 9

Wart disease F6: - / -Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9 Golden nematode Ro 2/3: field resistant / 7 White nematode Pa 2: resistant / 9 White nematode Pa 3: field resistant / 8







Olaf van Campen Product Manager

The potato variety that is winning over the French fries industry! Perfect processing quality and tubers ideal for French fries. A unique combination of high yield, beautiful oval-shaped tubers, outstanding Pallida resistance, long storability and excellent processing quality until the end of the season, makes Armedi the ideal choice for the French fries industry. Meet timeless perfection for French fries!

Jolene.

Versatility, packaged in a beautiful skin! Stealing the show, wherever she goes!

- Beautiful skin finish
- Multipurpose variety
- **Uniform tubers**

General characteristics

Breeder: Agrico Research B.V. Crossing: SAGITTA x AR 03-1491 Seedling: AR 09-2556

Breeders' right: 31-12-2050





Retail Fresh





Traditional





HOW TO GROW

Fertilization¹

Nitrogen: standard advice. Phosphate: standard advice. Potassium: standard advice + 10%.

Seed treatment

Can be planted directly out of the cold store, preferably after a short heat shock. Desprouting more than once can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 22 cm (60.500 plants/ha) 35/55 mm: 25 cm (54.000 plants/ha)

After emerge, a standard use of metribuzin (Sencor) can give some foliage reaction and some yield reduction.

Fungicides

Weeds

A strict preventive spraying schedule against late blight is necessary.

Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least two weeks after haulm killing before harvest.

Storage

Preferred storage temperature is 5 °C. Suitable for medium term



agricopotatoes.com/jolene

¹ Level of fertilization is based on soil analysis

CHARACTERISTICS

Plant and tuber characteristics

Maturity: early maincrop / 6 Light sprout colour: red

Flower colour: white

Number of berries: below average / 7 Foliage - initial development: quite fast / 7,5

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7,5

Skin colour: yellow

Flesh colour: light yellow / 6

Skin finish: good / 7

Tuber shape: oval long

Regularity of tuber shape: regular / 7

Tuberisation: quite high / 7 Tuber size: quite large / 7,5

Regularity of tuber size: regular / 7

Dormancy: average / 6

Sensitivity and quality

Secondary growth: slightly sensitive / 7 Black spot (internal bruising): slightly sensitive / 7 Growth cracks: slightly sensitive / 7 Harvest damage: quite sensitive / 6

Metribuzin - pre-emergence: quite sensitive / 6,5

Metribuzin - post-emergence: slightly to not sensitive / 8

Ethylene: 15% to 25% more tubers / 7

Underwater weight: 389 Dry matter content: 21,1%

Cooking type: rather floury / B

Discolouration after cooking: quite sensitive / 6,5

Raw discolouration: slightly sensitive / 7

Fries quality: good / 7

Dry matter distribution: - / -

Crisping quality: unsuitable / 5

TGA - level: 6,9

Resistances

Virus - Leafroll: - / -

Virus - Yn: slightly to not susceptible / 8

Virus - Yntn: slightly to not susceptible / 8

Spraing: slightly susceptible / 6

Late blight - foliage: very susceptible / 4

Late blight - tuber: susceptible / 5

Fusarium: slightly susceptible / 6 Common scab: slightly susceptible / 6 Powdery scab: slightly susceptible / 6,5 Black dot: slightly susceptible / 7,5

Wart disease F1: - / -Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: - / -Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -

Say potato, say Agrico.





Adrie Omtzigt Product Manager

Discover the versatility of Jolene! These are potatoes that stand out due to their beautiful skin and are perfect as washed, packaged potatoes, but are also ideal for French fries. Jolene performs well in different climates and growers love the variety for its high tuber numbers and good resistance to scab and viruses. With impressive yields and its striking appearance, Jolene is a perfect choice for anyone who values quality, beauty and versatility.

Paradiso.

VARIETY
Traditional

The perfect package; strong, impressive yields and fabulous!

- High yield
- Beautiful appearance
- Firm foliage

General characteristics

Breeder: M. Pot & M. Klaver Crossing: RODEO x VALOR Seedling: PK 06-0108 Breeders' right: 31-12-2048



HOW TO GROW

Fertilization¹

Nitrogen: standard advice - 20%. Preferably as split application, second treatment shortly after tuberization.

Phosphate: standard advice. **Potassium:** standard advice.

Seed treatment

Desprouting can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 23 cm (58.000 plants/ha) 35/55 mm: 33 cm (40.000 plants/ha)

¹ Level of fertilization is based on soil analysis

Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or yield reduction.

Fungicides

A preventive spraying schedule against late blight is advised.

Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least two weeks after haulm killing before harvest.

Storage

Preferred storage temperature is 4 °C. Suitable for medium term storage.



agricopotatoes.com/paradiso

CHARACTERISTICS

Plant and tuber characteristics

Maturity: early maincrop / 5,5 Light sprout colour: red

Flower colour: purple

Number of berries: below average / 6,5
Foliage - initial development: quite fast / 7,5

Foliage - final development: quite good / 7,5

Foliage - firmness: quite firm / 7

Skin colour: yellow

Flesh colour: light yellow / 6

Skin finish: good / 7

Tuber shape: oval long

Regularity of tuber shape: quite regular / 6,5

Tuberisation: average / 6
Tuber size: large / 8

Regularity of tuber size: quite regular / 6,5

Dormancy: average / 6

Sensitivity and quality

Secondary growth: slightly sensitive / 7

Black spot (internal bruising): slightly sensitive / 7,5

Growth cracks: quite sensitive / 6,5

Growth cracks: quite sensitive / 6,5 **Harvest damage:** quite sensitive / 6,5

Metribuzin - pre-emergence: slightly to not sensitive / 8 Metribuzin - post-emergence: quite sensitive / 6,5

Ethylene: 5% to 15% more tubers / 6

Underwater weight: 329
Dry matter content: 18,2%
Cooking type: rather floury / B

Discolouration after cooking: quite sensitive / 6,5

Raw discolouration: - / Fries quality: unsuitable / 4,5
Dry matter distribution: - / Crisping quality: unsuitable / 4

TGA - level: 4,8

Resistances

Virus - Leafroll: - / -

Virus - Yn: slightly susceptible / 6 Virus - Yntn: slightly susceptible / 7,5

Spraing: very susceptible / 4

Late blight - foliage: susceptible / 5,5 **Late blight - tuber:** slightly susceptible / 6,5 Fusarium: susceptible / 5 Common scab: susceptible / 5,5 Powdery scab: slightly susceptible / 7,5 Black dot: susceptible / 5,5

Wart disease F1: resistant / 10
Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9 Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -White nematode Pa 3: - / -







Douwe Werkman

Product Manager

Paradiso, the perfect package!
This variety produces impressive yields with high tuber numbers and also excels in consistency. The strong plant means Paradiso is a reliable choice, even in warmer areas. Paradiso is synonymous with annual success, consistent yields and beautiful potatoes. Join satisfied customers and discover the continuity and quality Paradiso has to offer.

Harvest certainty with Paradiso!

Our varieties 2024/2025

A comprehensive overview of our portfolio

> This catalogue lists our main varieties in alphabetical order. Each variety has a color-coded icon which allows you to see, at a glance, which markets each variety is suited to: traditional, retail or the processing industry. This section also includes several non-licensed varieties that continue to be extremely popular with our customers. || ||







Traditional



Retail Fresh, baby potatoes, salads, specials



Processing Starch, crisps, flakes, French fries,



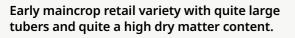


Adato.









- Good skin quality
- **Good drought tolerance**
- Suitable for cooking and home baked products



Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: NICOLA x RED BARON Maturity: early maincrop / 6 Flesh colour: cream / 5,5 Skin finish: very good / 7,5 **Tuberisation:** quite high / 7 **Dormancy:** quite short / 5,5

Underwater weight: 374 Dry matter content: 20,4% Cooking type: floury / BC

Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 7,5 Wart disease F1: slightly susceptible / 9



Retail

agricopotatoes.com/adato

Traditional





Maincrop, yellow fleshed, processing variety

with a good yield and a very stable quality.

- Excellent frying quality
- Multiple virus resistances
- Good storability



Traditional

Traditional

Retail

Fresh

Processing

fries, crisps,

Main characteristics

Breeder: Böhm Crossing: QUARTA x SEMLO Maturity: maincrop / 5 Flesh colour: yellow / 7 Skin finish: average / 6 **Tuberisation:** quite low / 5 Dormancy: long / 8 Underwater weight: 402

Dry matter content: 21,8% Cooking type: floury / BC Frying quality: excellent / 8 Crisping quality: good / 7 Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 7 Wart disease F1: slightly susceptible / 9 Wart disease F6: quite susceptible / 6

Organic

cultivation

Organic

cultivation



Processing

agricopotatoes.com/agria

Retail

Fresh

Agata.

First early, rather firm cooking ware variety with an attractive smooth skin and a high yield.

- Uniform tuber shape and size
- **Good virus resistances**
- Good tolerance against bruising and damage



Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: BM 72-0052 x SIRCO Maturity: first early / 8 Flesh colour: light yellow / 6 Skin finish: excellent / 8 Tuberisation: high / 8 Dormancy: short / 4

Underwater weight: 316 Dry matter content: 17,6% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 6 Wart disease F1: resistant / 10



agricopotatoes.com/agata

Alouette.

An early maincrop, versatile, red skin ware variety with late blight resistance in foliage and tuber, suitable for conventional and organic production.

- Good tolerance against bruising
- Suitable for cooking and home baked products
- Good drought tolerance

Main characteristics

Breeder: Agrico Research B.V. Crossing: AR 02-139-1 x LAURA Maturity: early maincrop / 6 Flesh colour: yellow / 7,5 Skin finish: good / 7 Tuberisation: average / 6 **Dormancy:** average / 6 **Underwater weight: 389**

Dry matter content: 21,1% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Golden nematode Ro 2,3: field resistant / 8 Late blight - foliage: slightly to not susceptible / 9 Late blight - tuber: slightly to not susceptible / 9 Wart disease F1: resistant / 10



agricopotatoes.com/alouette

Amorosa.







A second early, red skin ware variety with a good yield.

- Large tubers
- Good drought tolerance
- Good tolerance against bruising and damage

Main characteristics

Breeder: Agrico Research B.V. Crossing: ARINDA x IMPALA Maturity: second early / 6,5 Flesh colour: light yellow / 6 Skin finish: good / 7 Tuberisation: quite low / 5 Dormancy: short / 4 Underwater weight: 349
Dry matter content: 19,2%
Cooking type: rather firm / AB
Golden nematode Ro 1,4: resistant / 9
Late blight - tuber: slightly susceptible / 7
Wart disease F1: moderately susceptible / 8
Wart disease F6: slightly susceptible / 9



Processing

agricopotatoes.com/amorosa

A second early ware variety, producing high yields under various climatic conditions.

- Uniform tuber shape and size
- Good drought tolerance
- Multiple virus resistances



Main characteristics

Breeder: Agrico Research B.V.
Crossing: UK 150-19D22 x MASCOTTE
Maturity: second early / 6,5
Flesh colour: light yellow / 6
Skin finish: good / 7
Tuberisation: average / 6
Dormancy: average / 6

Underwater weight: 301
Dry matter content: 17%
Cooking type: rather firm / AB
Golden nematode Ro 1,4: resistant / 9
Wart disease F1: resistant / 10
Wart disease F6: quite susceptible / 6



agricopotatoes.com/arizona

Anosta.

A second early processing variety with a good yield and suitable for early processing.

- Quite large tubers
- High dry matter content
- Good tolerance against bruising and damage



Main characteristics

Breeder: L. Stol Crossing: OSTARA x PROVITA Maturity: second early / 7 Flesh colour: cream / 5,5 Skin finish: average / 6 Tuberisation: quite high / 7 Dormancy: average / 6 Underwater weight: 390
Dry matter content: 21,2%
Cooking type: floury / BC
Frying quality: good / 7

Golden nematode Ro 1,4: resistant / 9
Late blight - tuber: slightly to not susceptible / 8

Wart disease F1: resistant / 10



agricopotatoes.com/anosta

Arsenal.

An early maincrop, crisping variety with extensive resistances to potato cyst nematodes and a good yield.

- Multiple resistances
- Suitable for crisping and flakes
- High dry matter content

Main characteristics

Breeder: Agrico Research B.V.
Crossing: AR 92-1146 x SILVESTER
Maturity: early maincrop / 5,5
Flesh colour: light yellow / 6
Skin finish: quite poor / 5
Tuberisation: quite high / 7
Dormancy: quite short / 5
Underwater weight: 447

Dry matter content: 24%
Cooking type: floury / BC
Crisping quality: good / 7
Golden nematode Ro 1,4: resistant / 9
Golden nematode Ro 2,3: field resistant / 8
White nematode Pa 2: resistant / 9
White nematode Pa 3: field resistant / 8
Wart disease F1: resistant / 10



agricopotatoes.com/arsenal





Armedi.

Dreaming to become delicious French fries!

The power of innovation

Timeless perfection; maintains quality during storage!



All information and technical data of the spotlight variety can be found at page 20 or scan the QR code.

Multiple PCN resistances

Good storability



agricopotatoes.com/armedi

Artemis.





A second early ware variety with an excellent yield and perfect for home fries.

- Excellent frying quality
- Good tolerance against bruising and damage
- Multiple resistances

Main characteristics

Breeder: Agrico Research B.V. Crossing: RIANTA x RENSKA Maturity: second early / 7 Flesh colour: light yellow / 6 Skin finish: good / 7 **Tuberisation:** quite high / 7 Dormancy: quite short / 5,5

Underwater weight: 375 Dry matter content: 20,4% Cooking type: rather floury / B Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly to not susceptible / 8

Wart disease F1: resistant / 10



agricopotatoes.com/artemis

Babylon.









Maincrop, yellow fleshed processing variety with a good yield and a very stable quality.

- **Excellent frying quality**
- Multiple virus resistances
- Good storability

Main characteristics

Breeder: R.K. Bakker **Crossing: AGRIA MUTANT** Maturity: maincrop / 5 Flesh colour: yellow / 7 Skin finish: average / 6 Tuberisation: average / 6 Dormancy: long / 8 Underwater weight: 401





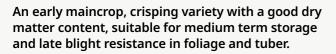


Beyonce.









- Large tubers
- **Good dormancy**
- Quite high tuberisation

Main characteristics

Breeder: Agrico Research B.V. Crossing: AR 94-2061 x LADY JO Maturity: early maincrop / 6 Flesh colour: light yellow / 6,5 Skin finish: below average / 5,5 **Tuberisation:** quite high / 7 Dormancy: quite long / 7



Underwater weight: 446 Dry matter content: 23,9% Cooking type: floury / BC Crisping quality: excellent / 8

Late blight - foliage: slightly to not susceptible / 8,5

Late blight - tuber: slightly susceptible / 7,5



agricopotatoes.com/beyonce

Cerisa.



An early, small tuber sized red skin ware and salad speciality potato with an excellent flavour.

- Very high tuberisation
- **Excellent flavour and cooking properties**
- Good virus resistances



Main characteristics

Breeder: Desmazières Crossing: FRANCINE x LAURA Maturity: early / 7,5 Flesh colour: yellow / 7 Skin finish: excellent / 8 Tuberisation: high / 9

Dormancy: average / 6 Underwater weight: 391 Dry matter content: 21,3% Cooking type: firm / A Late blight - tuber: slightly susceptible / 7



agricopotatoes.com/cerisa

Carolus.

An early maincrop, multipurpose ware variety with attractive red eyes and late blight resistance in foliage and tuber.

- Multipurpose variety
- High dry matter content
- Floury cooking

Main characteristics

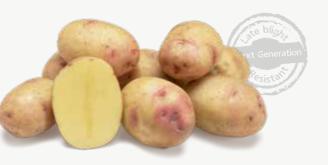
Breeder: Agrico Research B.V. Crossing: AGRIA x AR 00-94-17 Maturity: early maincrop / 6 Flesh colour: yellow / 7 Skin finish: good / 7 Tuberisation: average / 6 Dormancy: average / 6,5











Underwater weight: 398 Dry matter content: 21,6% Cooking type: floury / BC

Late blight - foliage: slightly to not susceptible / 9 Late blight - tuber: slightly to not susceptible / 9

Wart disease F1: resistant / 10



agricopotatoes.com/carolus

Constance.





Second early ware variety with a bright yellow skin and light yellow flesh colour.

- Beautiful appearance
- Uniform tuber size
- Rather firm cooking

Main characteristics

Breeder: J.L. Spijkman Crossing: MARABEL x AR 93-1243 Maturity: second early / 7 Flesh colour: light yellow / 6,5 Skin finish: excellent / 8

Tuberisation: average / 6 Dormancy: average / 6,5 **Underwater weight: 358** Dry matter content: 19,7% Cooking type: rather firm / AB



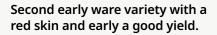
agricopotatoes.com/constance

Corazon.









- **Excellent skin quality**
- Rather firm cooking
- Multiple resistances

Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: EVOLUTION x MANITOU Maturity: second early / 7 Flesh colour: light yellow / 6 Skin finish: good / 7 **Tuberisation:** quite high / 7 **Dormancy:** quite short / 5,5 **Underwater weight: 321**



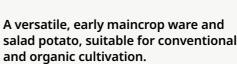
Dry matter content: 17,8% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Golden nematode Ro 2,3: resistant / 9 Late blight - tuber: slightly susceptible / 6,5 Wart disease F1: resistant / 10

Wart disease F6: slightly susceptible / 9



agricopotatoes.com/corazon





- **Excellent consumption quality**
- Good storability
- Multiple resistances



Breeder: Nieder Österreichische Saatbaugenossenschaft Crossing: BINTJE x QUARTA Maturity: early maincrop / 6 Flesh colour: light yellow / 6,5 Skin finish: good / 7 Tuberisation: quite high / 7



Organic

cultivation

Retail

Dormancy: quite long / 7 **Underwater weight: 369** Dry matter content: 20,2% Cooking type: firm / A Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 7 Wart disease F1: resistant / 10



agricopotatoes.com/ditta

Diamant.

A versatile, early maincrop variety with good heat tolerance, a high yield and suitable for home fries.

- **Excellent frying quality**
- **Good virus resistances**
- Suitable for a second crop

Main characteristics

Breeder: Precardi **Crossing:** CARDINAL MUTANT Maturity: early maincrop / 6 Flesh colour: light yellow / 6 Skin finish: average / 6 **Tuberisation:** quite high / 7 Dormancy: quite short / 5 **Underwater weight: 420**





Dry matter content: 23% Cooking type: rather floury / B Golden nematode Ro 1,4: resistant / 9 Late blight - foliage: slightly susceptible / 6 Late blight - tuber: slightly susceptible / 7 Wart disease F1: resistant / 10 Wart disease F6: quite susceptible / 6



agricopotatoes.com/diamant



An early firm cooking, salad and retail variety with a good common scab resistance.

- Beautiful appearance
- **High tuberisation**
- **Good Y-virus resistances**

Main characteristics

Breeder: Nieder Österreichische Saatbaugenossenschaft Crossing: MARABEL x AR 88-0156 Maturity: early / 7,5 Flesh colour: light yellow / 6 Skin finish: excellent / 8

Tuberisation: quite high / 7 Dormancy: average / 6,5 **Underwater weight: 337** Dry matter content: 18,6% Cooking type: firm / A Golden nematode Ro 1,4: resistant / 9



agricopotatoes.com/erika





Esmee.









A second early ware variety with a nice red skin, good heat tolerance and a good yield.

- Beautiful appearance
- Large tubers
- Multiple virus resistances

Main characteristics

Breeder: Agrico Research B.V. Crossing: LAURA x RODEO Maturity: second early / 6,5 Flesh colour: yellow / 7 Skin finish: excellent / 8 Tuberisation: average / 6

Dormancy: average / 6 **Underwater weight: 326** Dry matter content: 18% Cooking type: rather firm / AB

Late blight - tuber: slightly susceptible / 7

Wart disease F1: resistant / 10



agricopotatoes.com/esmee



An early and strong ware variety with regular large tubers with a relatively high dry matter content.

- Large tubers and high yield
- Long oval tubers and uniform in size
- Short dormancy, suitable for second crop



Main characteristics

Breeder: R. Rispens Crossing: LANORMA x AMBITION Maturity: early maincrop / 5,5 Flesh colour: light yellow / 6 Skin finish: above average / 6,5 **Tuberisation:** average / 6

Dormancy: quite short / 5,5 **Underwater weight: 354** Dry matter content: 19,4% Cooking type: floury / BC Golden nematode Ro 1,4: resistant / 9



Processing

agricopotatoes.com/fajal

Evolution.

A second early ware variety with an attractive dark red skin and early a good yield.

- Large tubers
- Good drought tolerance
- Multiple potato cyst nematodes resistances





Main characteristics

Breeder: Agrico Research B.V. Crossing: AR 94-0807 x AMOROSA Maturity: second early / 6,5 Flesh colour: light yellow / 6 Skin finish: good / 7 **Tuberisation:** quite high / 7 Dormancy: short / 4 **Underwater weight: 343**

Dry matter content: 18,9% Cooking type: rather floury / B Golden nematode Ro 1,4: resistant / 9 Golden nematode Ro 2,3: moderately susceptible / 6 Late blight - tuber: slightly susceptible / 6

White nematode Pa 2: field resistant / 7 Wart disease F1: moderately susceptible / 8 Wart disease F6: resistant / 10



agricopotatoes.com/evolution

Fontane.

An early maincrop, high yielding processing variety for the production of French fries and flakes.

- Large tubers
- High dry matter content
- Suitable for different types of soil

Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: AGRIA x AR 76-034-03 Maturity: early maincrop / 5,5 Flesh colour: light yellow / 6,5 **Skin finish:** quite poor / 5 Tuberisation: quite high / 7 Dormancy: quite short / 5,5 **Underwater weight: 430**

Dry matter content: 23,2% Cooking type: floury / BC Frying quality: very good / 7,5 Crisping quality: average / 6 Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 6,5 Wart disease F1: quite susceptible / 6 Wart disease F6: moderately susceptible / 8



agricopotatoes.com/fontane

Jolene.

Stealing the show, wherever she goes!



All information and technical data of the spotlight variety can be found at page 22 or scan the QR code.



Jacky.

A second early, small size ware variety with a high yield and late blight resistance in foliage and tuber.

- Rather floury cooking
- High tuberisation
- Good tolerance against bruising and damage

t Generation sister

cultivation Baby potatoes

Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: ANOUK x ATHLETE Maturity: second early / 6,5 Flesh colour: light yellow / 6,5 Skin finish: above average / 6,5 Tuberisation: high / 9 Dormancy: quite short / 5,5 Underwater weight: 368
Dry matter content: 20,1%
Cooking type: rather floury / B
Golden nematode Ro 1,4: resistant / 9
Late blight - foliage: slightly to not susceptible / 9

Late blight - tuber: slightly to not susceptible / 9



Processing

agricopotatoes.com/jacky

Kuroda.



An early maincrop ware variety with a red skin, excellent heat tolerance and a very good yield.

- Large tubers
- Good storability
- Multiple wart disease resistances



Main characteristics

Breeder: G. Kuik Crossing: AR 76-199-03 x KO 80-1407 Maturity: early maincrop / 6 Flesh colour: light yellow / 6 Skin finish: good / 7 Tuberisation: quite low / 5 Dormancy: long / 8 Underwater weight: 426
Dry matter content: 23%
Cooking type: floury / BC
Golden nematode Ro 1,4: resistant / 9
Wart disease F1: resistant / 10
Wart disease F6: slightly susceptible / 9



agricopotatoes.com/kuroda

40 agricopotatoes.com 41

Leonore (AR 13-1059).



An early processing variety with early a good yield and dry matter content.

- **Early maturity**
- Good virus resistance
- Long oval tubers with nice skin finish



Main characteristics

Breeder: Agrico Research B.V. Crossing: EXCELLENCY x AR 06-3754 Maturity: early / 7,5 Flesh colour: yellow / 7 Skin finish: good / 7 Tuberisation: average / 6,5 **Dormancy:** average / 6,5

Underwater weight: 397 Dry matter content: 21,5% Cooking type: floury / BC Frying quality: good / 7 Golden nematode Ro 1,4: resistant / 9 Wart disease F1: resistant / 10



All information and technical data about this newcomer can be found at page 12 or scan the QR code.

agricopotatoes.com/leonore



Levante.

An early maincrop, high yielding ware variety with a nice yellow skin and late blight resistance in foliage and tuber.

- High tuberisation
- Good skin finish
- Good storability

Main characteristics

Breeder: Agrico Research B.V. Crossing: AR 01-3218 x ALMERA Maturity: early maincrop / 5,5 Flesh colour: light yellow / 6 Skin finish: good / 7 Tuberisation: high / 8 Dormancy: average / 6,5











Underwater weight: 365 Dry matter content: 19,9% Cooking type: rather floury / B Golden nematode Ro 1,4: resistant / 9 Late blight - foliage: slightly to not susceptible / 8,5 Late blight - tuber: slightly susceptible / 7,5



agricopotatoes.com/levante

Lugano.





Early maincrop, yellow flesh processing variety with good resistances to potato cyst nematodes.

- Large tubers
- Multiple resistances
- Good storability



Breeder: F.J. Vos **Crossing:** AR 00-2211 x AR 99-0669 Maturity: early maincrop / 5,5 Flesh colour: light yellow / 6,5 Skin finish: average / 6 **Tuberisation:** quite low / 5 Dormancy: long / 8 **Underwater weight: 394** Dry matter content: 21,4%

Cooking type: rather floury / B Frying quality: good / 7 Golden nematode Ro 1,4: resistant / 9 Golden nematode Ro 2,3: resistant / 9 White nematode Pa 2: resistant / 9 White nematode Pa 3: resistant / 9 Wart disease F1: resistant / 10 Wart disease F6: slightly susceptible / 9



Retail

agricopotatoes.com/lugano

Traditional

Manitou.

Maincrop ware variety with an attractive red skin with a high yield.

- Large tubers
- Good drought tolerance
- Multiple potato cyst nematodes resistances

Main characteristics

Breeder: Dr. R.J. Mansholt's Veredelingsbedrijf B.V. Crossing: LAURA x MARANCA Maturity: maincrop / 5 Flesh colour: light yellow / 6 Skin finish: good / 7 Tuberisation: quite high / 7 Dormancy: quite short / 5,5

Underwater weight: 351 Dry matter content: 19,4% Cooking type: rather floury / B Golden nematode Ro 1,4: resistant / 9 Golden nematode Ro 2,3: resistant / 9 Late blight - tuber: slightly susceptible / 6 Wart disease F1: resistant / 10



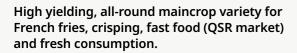
agricopotatoes.com/manitou

Markies.









- Large tubers
- Multiple virus resistances
- Good storability

Main characteristics

Breeder: Dr. R.J. Mansholt's Veredelingsbedrijf B.V. Crossing: FIANNA x AGRIA Maturity: maincrop / 4 Flesh colour: light yellow / 6,5 Skin finish: good / 7 **Tuberisation:** average / 6 **Dormancy:** average / 6,5

Underwater weight: 427 Dry matter content: 22,8% Cooking type: floury / BC Frying quality: excellent / 8 Crisping quality: good / 7 Golden nematode Ro 1,4: resistant / 9 Late blight - foliage: slightly susceptible / 6,5

Late blight - tuber: slightly susceptible / 7



agricopotatoes.com/markies





A maincrop, high yielding consumption variety with a beautiful red skin.

- Good drought tolerance
- **Good tuberisation**
- Good virus resistances

Main characteristics

Breeder: Agrico Research B.V. Crossing: LUSA x AR 01-0420 Maturity: maincrop / 5 Flesh colour: light yellow / 6,5 Skin finish: above average / 6,5 **Tuberisation:** quite high / 7 Dormancy: short / 4

Underwater weight: 349 Dry matter content: 19,2% Cooking type: rather floury / B

Late blight - tuber: slightly susceptible / 6

Wart disease F1: resistant / 10

Wart disease F6: slightly susceptible / 9



agricopotatoes.com/meryem

Melrose.

An early maincrop, multipurpose specialty with a strong flavour.

- Rather floury cooking type
- Yellow flesh colour
- Light red skin colour

Main characteristics

Breeder: C.R.A. **Crossing:** BP 15.7.70 x AM 15.1.68 Maturity: early maincrop / 6 Flesh colour: yellow / 7 Skin finish: above average / 6,5 Tuberisation: high / 8





Processing



Dormancy: average / 6 Underwater weight: 406 Dry matter content: 22% Cooking type: rather floury / B Wart disease F1: moderately susceptible / 7



agricopotatoes.com/melrose

Milva.

A maincrop ware variety with good resistance to common scab with a very high yield.

- Rather floury cooking
- Large tubers
- High tuberisation

Main characteristics

Breeder: Saatzucht Berding Crossing: NENA x DUNJA Maturity: maincrop / 5 Flesh colour: yellow / 7 Skin finish: good / 7 Tuberisation: high / 8

Dormancy: average / 6 Underwater weight: 380 Dry matter content: 20,7% Cooking type: rather floury / B Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 6



agricopotatoes.com/milva







Napoleon.



All information and technical data of the spotlight variety can be found at page 18 or scan the QR code.



agricopotatoes.com/napoleon

Nirvana.





An early maincrop processing variety suitable for the French fries industry with late blight resistance in foliage and tuber.

- High dry matter content
- Good dry matter distribution
- Late blight resistance

Main characteristics

Breeder: Agrico Research B.V. **Crossing:** CAROLUS x PERFORMER Maturity: early maincrop / 5,5 Flesh colour: yellow / 7 Skin finish: quite poor / 5 **Tuberisation:** average / 6 Dormancy: long / 8

Underwater weight: 422 Dry matter content: 22,8% Cooking type: floury / BC Frying quality: good / 7

Late blight - foliage: slightly to not susceptible / 9 Late blight - tuber: slightly to not susceptible / 9



agricopotatoes.com/nirvana

Palace.

Maincrop, high yielding processing variety for the French fries industry which is suitable for different soil types.

- High dry matter content
- Large tubers
- Nice skin finish

Main characteristics

Breeder: Agrico Research B.V. Crossing: AR 01-3350 x ADD 93-20902 Maturity: maincrop / 4,5 Flesh colour: light yellow / 6 Skin finish: average / 6 Tuberisation: average / 6

Dormancy: quite short / 5 Underwater weight: 430 Dry matter content: 23,2% Cooking type: floury / C Frying quality: excellent / 8 Late blight - tuber: slightly susceptible / 6,5



agricopotatoes.com/palace







Processing

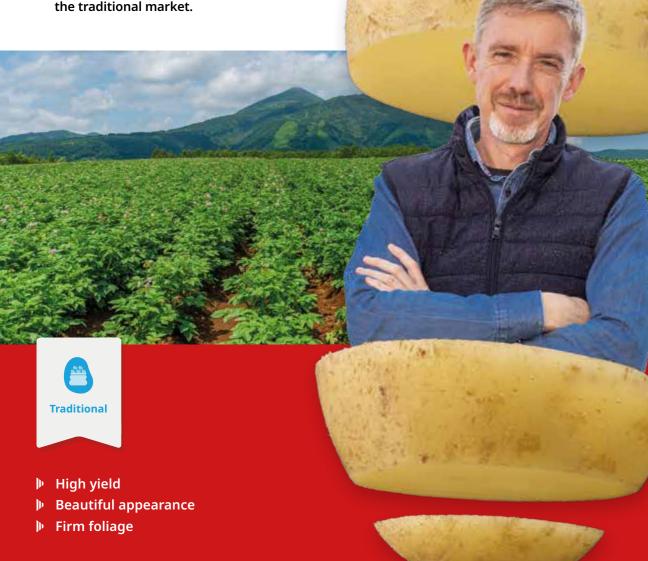


Paradiso.

The perfect package; strong, impressive yields and fabulous!

The power of innovation

An early maincrop, large growing tubers with an excellent yield for the traditional market.



All information and technical data of the spotlight variety can be found at page 24 or scan the QR code.



agricopotatoes.com/paradiso

Picasso.

Traditional

Maincrop ware variety with a yellow skin, prominent red eyes, good common scab resistance and suitable for long term storage.

- High yielding
- Good drought tolerance
- Good tolerance against bruising and damage



Main characteristics

Breeder: Duoplant V.O.F. Crossing: CARA x AUSONIA Maturity: maincrop / 5 Flesh colour: light yellow / 6 Skin finish: average / 6 Tuberisation: average / 6 Dormancy: long / 8 Underwater weight: 381
Dry matter content: 20,8%
Cooking type: rather floury / B
Golden nematode Ro 1,4: resistant / 9
Late blight - tuber: slightly susceptible / 7
Wart disease F1: resistant / 10



agricopotatoes.com/picasso

Premiere.

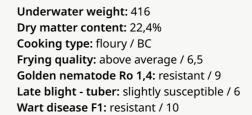


First early variety for the French fries industry with early a good yield.

- Early delivery straight from the field
- High dry matter content
- Good dry matter distribution



Breeder: Precardi Crossing: CIVA x PROVITA Maturity: first early / 8 Flesh colour: light yellow / 6 Skin finish: good / 7 Tuberisation: quite high / 7 Dormancy: quite short / 5





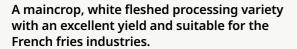
agricopotatoes.com/premiere

Prince.









- Stable low sugar content
- **Good frying quality**
- Good storability

Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: ARG 96-0738 x SW 98-2723 Maturity: maincrop / 5 Flesh colour: white / 4,5 Skin finish: quite poor / 5 **Tuberisation:** average / 6 Dormancy: long / 8



Underwater weight: 433 Dry matter content: 23,3% Cooking type: floury / C Frying quality: excellent / 8 Golden nematode Ro 1,4: field resistant / 8 Late blight - tuber: slightly susceptible / 6,5



Retail

agricopotatoes.com/prince

Traditional

Riviera.

A first early ware variety with an attractive skin, excellent heat tolerance, good virus resistance and early a good yield.

- Large tubers
- Beautiful appearance
- Good virus resistances



Breeder: Mts. Boerhave Crossing: MINERVA x ALCMARIA Maturity: first early / 8 Flesh colour: light yellow / 6 Skin finish: excellent / 8 **Tuberisation:** quite low / 5

Dormancy: average / 6 **Underwater weight: 318** Dry matter content: 17,7% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Wart disease F1: resistant / 10

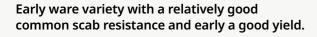




Traditional

agricopotatoes.com/riviera

Ranomi.



- Nice skin finish
- Large tubers
- Rather firm cooking

Main characteristics

Breeder: Agrico Research B.V. **Crossing:** AR 93-033-79 x AR 95-0319 Maturity: early / 7,5 Flesh colour: light yellow / 6,5 Skin finish: good / 7 Tuberisation: average / 6 Dormancy: average / 6

Underwater weight: 322 Dry matter content: 17,9% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 6 Wart disease F1: resistant / 10



agricopotatoes.com/ranomi

Rudolph.

An early maincrop ware variety with an attractive red skin, a good heat tolerance and a very high yield.

- White flesh colour
- Large tubers
- Good storability

Main characteristics

Breeder: Agrico Research B.V. Crossing: CHIEFTAIN x STIRLING Maturity: early maincrop / 5,5 Flesh colour: white / 4 Skin finish: good / 7 Tuberisation: quite low / 5

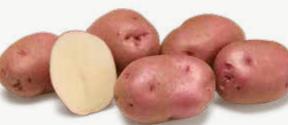
Dormancy: quite long / 7,5 **Underwater weight: 376** Dry matter content: 20,5% Cooking type: rather firm / AB Wart disease F1: resistant / 10 Wart disease F6: moderately susceptible / 8



agricopotatoes.com/rudolph







Sante.









- High dry matter content
- Rather floury
- Multiple resistances



Main characteristics

Breeder: J. Vegter **Crossing:** WY 66-13-636 x AM 66-0042 Maturity: early maincrop / 6 Flesh colour: light yellow / 6 Skin finish: average / 6 **Tuberisation:** quite high / 7 **Dormancy:** average / 6 **Underwater weight: 425**

Dry matter content: 22,9% Cooking type: rather floury / B Golden nematode Ro 1,4: resistant / 9 Golden nematode Ro 2,3: field resistant / 7 Late blight - tuber: slightly susceptible / 7 White nematode Pa 2: field resistant / 7 Wart disease F1: resistant / 10



Processing

agricopotatoes.com/sante

Organic

cultivation

Sidney (AR 12-1680).

Early maincrop, creamy fleshed, processing variety suitable for the French fries industry.

- Big sized tubers
- Good virus resistances
- Good dormancy

Main characteristics

Breeder: Agrico Research B.V. Crossing: LADY ANNA x AR 05-3392 Maturity: early maincrop / 6 Flesh colour: creamy / 4,5 Skin finish: quite poor / 5 Tuberisation: average / 6 **Dormancy:** average / 6,5 **Underwater weight: 396**

Dry matter content: 21,5% Cooking type: rather floury / B Frying quality: above average / 6,5 Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly to not susceptible / 8 White nematode Pa 2: field resistant / 8 White nematode Pa 3: moderately susceptible / 6

agricopotatoes.com/sidney

Sevilla.

A maincrop variety with good underwater weight, delicious flavour and late blight resistance in foliage and tuber.

- Late blight resistant
- Low nitrogen requirement
- Good drought tolerance

Main characteristics

Breeder: N. Vos **Crossing:** AGRIA x DOB 1997-507-015 Maturity: maincrop / 4,5 Flesh colour: yellow / 7 Skin finish: below average / 5,5 **Tuberisation:** quite high / 7

Dormancy: long / 8 **Underwater weight: 385** Dry matter content: 21% Cooking type: floury / C Frying quality: very good / 7,5

Late blight - foliage: slightly to not susceptible / 9



agricopotatoes.com/sevilla



Second early, high yielding and easy-to-grow variety for an early fries or crisping crop.

All information and technical data about this newcomer

can be found at page 14 or scan the QR code.

- Early delivery straight from the field
- High dry matter content
- Good virus resistances

Main characteristics

Breeder: J. Schilt Crossing: AGRIA x AM 70-2166 Maturity: second early / 7 Flesh colour: light yellow / 6,5 Skin finish: average / 6 Tuberisation: quite high / 7 Dormancy: average / 6

Underwater weight: 416 Dry matter content: 22,6% Cooking type: rather floury / B Frying quality: very good / 7,5 Crisping quality: good / 7 Golden nematode Ro 1,4: resistant / 9



agricopotatoes.com/sinora











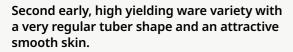


Spectra.









- Large tubers
- **Good tuberisation**
- Uniform tuber size

Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: ARIELLE x SOFIA Maturity: second early / 7 Flesh colour: light yellow / 6 Skin finish: very good / 7,5 **Tuberisation:** quite high / 7 **Dormancy:** quite short / 5



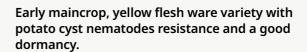
Underwater weight: 324 Dry matter content: 17,9% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 6 Wart disease F1: resistant / 10



Traditional

agricopotatoes.com/spectra

Thalia.



- Attractive yellow flesh colour
- Firm cooking
- Good dry matter content

Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: BELANA x AR 01-3576 Maturity: early maincrop / 5,5 Flesh colour: yellow / 7 Skin finish: above average / 6,5 **Tuberisation:** quite high / 7 Dormancy: long / 8

Underwater weight: 385 Dry matter content: 21% Cooking type: firm / A

Late blight - tuber: slightly susceptible / 7,5 White nematode Pa 2: field resistant / 8 White nematode Pa 3: field resistant / 7



Retail

Fresh

agricopotatoes.com/thalia

Spunta.

Early maincrop ware variety with good heat tolerance and producing high yields.

- Large tubers
- Good drought tolerance
- High dry matter content

Main characteristics

Breeder: J. Oldenburger Crossing: BEA x USDA 96-56 Maturity: early maincrop / 6 Flesh colour: light yellow / 6 Skin finish: average / 6 Tuberisation: average / 6

Dormancy: average / 6 **Underwater weight: 387** Dry matter content: 21% Cooking type: floury / BC Wart disease F1: resistant / 10



agricopotatoes.com/spunta

Twinner.

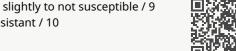
Early yielding ware variety for conventional and organic cultivation with late blight resistance in foliage and tuber.

- Large tubers
- Beautiful appearance
- Rather firm cooking

Main characteristics

Breeder: G.W. te Winkel Crossing: MA 98-0032 x AR 00-87-22 Maturity: early / 7,5 Flesh colour: yellow / 7 Skin finish: good / 7 **Tuberisation:** quite low / 5 **Dormancy:** average / 6

Underwater weight: 359 Dry matter content: 19,7% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Late blight - foliage: slightly to not susceptible / 8 Late blight - tuber: slightly to not susceptible / 9 Wart disease F1: resistant / 10



agricopotatoes.com/twinner





cultivation









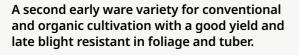
Twister.











- Beautiful appearance
- Good storability
- Rather firm cooking

Main characteristics

Breeder: G.W. te Winkel **Crossing:** ARG 96-0739 x AR 02-9113 Maturity: second early / 7 Flesh colour: light yellow / 6,5 Skin finish: good / 7 **Tuberisation:** average / 6 Dormancy: quite long / 7

Underwater weight: 345 Dry matter content: 19% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Late blight - foliage: slightly to not susceptible / 9 Late blight - tuber: slightly to not susceptible / 9

Wart disease F1: moderately susceptible / 8



Traditional

agricopotatoes.com/twister

Second early ware variety with uniformly sized, big tubers.

- Rather firm cooking
- Large tubers
- Early tuberisation

Main characteristics

Breeder: Konst Research B.V. Crossing: MARABEL x AMOROSA Maturity: second early / 6,5 Flesh colour: yellow / 7 Skin finish: average / 6 **Tuberisation:** average / 6 **Dormancy:** quite short / 5



Underwater weight: 311 Dry matter content: 17,3% Cooking type: rather firm / AB Golden nematode Ro 1,4: resistant / 9 Late blight - tuber: slightly susceptible / 6 Wart disease F1: slightly susceptible / 9



agricopotatoes.com/vogue

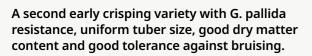


Notes.



AR 13-2694.





- High yield and good tuberisation
- Good crisping quality, also after long term storage
- Suitable for flakes



Main characteristics

Breeder: Agrico Research B.V.
Crossing: AR 07-4052 x ALICANTE
Maturity: early maincrop / 6
Flesh colour: light yellow / 6,5
Skin finish: quite poor / 5
Tuberisation: average / 6,5
Dormancy: quite short / 5

Underwater weight: 446
Dry matter content: 24%
Cooking type: floury / C
Crisping quality: good / 7
White nematode Pa 2: field resistant* / 8*
White nematode Pa 3: field resistant* / 7*
Wart disease F1: resistant / 10

AR 14-2127.



Processing

A second early, processing variety with early a good size and dry matter content.

- Good yield and size
- Very good frying quality
- Good dry matter content



Main characteristics

Breeder: Agrico Research B.V. Crossing: AR 07-2176 x AR 08-3491 Maturity: second early / 7 Flesh colour: light yellow / 6 Skin finish: average / 6 Tuberisation: average / 6 Dormancy: quite short / 5,5 Underwater weight: 438 Dry matter content: 23,6%
Cooking type: floury / C
Frying quality: excellent / 8
Golden nematode Ro 1,4: resistant* / 9*
Golden nematode Ro 2,3: field resistant* / 8*
White nematode Pa 2: field resistant* / 7*
White nematode Pa 3: moderately susceptible* / 6*
Wart disease F1: quite susceptible* / 6*

AR 14-0334.



An early traditional and retail variety with a good skin finish and size.

- Good yield
- Good skin finish
- Good size



Main characteristics

Breeder: Agrico Research B.V. Crossing: OS 07-0020 x SAVIOLA Maturity: early / 7,5 Flesh colour: light yellow / 6,5 Skin finish: good / 7 Tuberisation: average / 6 Dormancy: average / 6
Underwater weight: 332
Dry matter content: 18,3%
Cooking type: rather firm / AB
Late blight - tuber: slightly susceptible / 6
Wart disease F1: resistant* / 10*

AR 14-3488.



Maincrop, high yielding processing variety for the French fries industry which is suitable to grow on different soil types.

- High yield
- High dry matter content
- Multiple wart disease resistances



Main characteristics

Breeder: Agrico Research B.V.
Crossing: LEANDRA x AR 07-4113
Maturity: early maincrop / 5,5
Flesh colour: light yellow / 6
Skin finish: below average / 5,5
Tuberisation: average / 6
Dormancy: average / 6
Underwater weight: 427

Dry matter content: 23% Cooking type: floury / C Frying quality: good / 7

Golden nematode Ro 1,4: moderately susceptible* / 6*
Wart disease F1: resistant* / 10*

Wart disease F6: resistant* / 10*
Wart disease F18: resistant* / 10*

^{*} Results marked with an asterisk (*) are based on our own research and have not yet been officially published.

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AR 14-3578.



A maincrop, crisping variety with good uniformity of tuber shape, size and good dry matter content.

- Regular shape and size
- Good crisping quality, also after long term storage
- Low tuber defects



Main characteristics

Breeder: Agrico Research B.V. Crossing: LEANDRA x VR 808 Maturity: maincrop / 5 Flesh colour: light yellow / 6 Skin finish: below average / 5,5 Tuberisation: average / 6 Dormancy: average / 6,5 Underwater weight: 465 Dry matter content: 24,9% Cooking type: floury / BC Crisping quality: good / 7 Golden nematode Ro 1,4: resistant* / 9* PL 15-0706.



Late starch variety with a good late blight resistance, multiple nematode resistance, and a high dry matter content.

- High dry matter content
- Good virus resistance
- Multiple nematode resistances



Main characteristics

Breeder: AKV Langholt
Crossing: EUROGRANDE x AR 08-3159
Maturity: maincrop / 4
Flesh colour: light yellow / 6
Skin finish: quite poor / 5
Tuberisation: average / 6
Dormancy: quite short / 5
Underwater weight: 501

Dry matter content: 26,6%

Cooking type: floury / C

Golden nematode Ro 1,4: resistant* / 9*

Golden nematode Ro 2,3: resistant* / 9*

Late blight - foliage: slightly to not susceptible / 8,5

Late blight - tuber: slightly susceptible / 7

White nematode Pa 2: field resistant* / 8*

KO 13-2242.



An early maincrop ware variety with large, oval tubers, good dormancy and good tolerance against bruising.

- High yield
- Good resistance against virus and scab
- Nice skin finish



Main characteristics

Breeder: Konst Research B.V. Crossing: KO 06-1457 x SAVANNA Maturity: early maincrop / 5,5 Flesh colour: light yellow / 6 Skin finish: above average / 6,5 Tuberisation: quite low / 5,5 Dormancy: long / 8 Underwater weight: 350
Dry matter content: 19,2%
Cooking type: firm / A
Golden nematode Ro 1,4: resistant* / 9*
Late blight - tuber: slightly susceptible / 6
Wart disease F1: resistant / 10





Early yielding variety with home fries quality and a good tolerance against scab.

- Early good yield
- Good skin finish
- Good virus resistance



Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: LAUDINE x AR 05-1847 Maturity: second early / 7 Flesh colour: light yellow / 6,5 Skin finish: good / 7 Tuberisation: quite high / 7 Dormancy: average / 6
Underwater weight: 386
Dry matter content: 21%
Cooking type: rather floury / B
Golden nematode Ro 1,4: field resistant* / 8*
Wart disease F1: resistant* / 10*

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SW 14-7008.



A second early, salad variety with oval long tubers, boiling type A and strong resistance against PVY.

- Good skin finish
- Boiling type A
- Good PVY resistance



Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: LORELEY x SW 06-0296 Maturity: second early / 7 Flesh colour: light yellow / 6,5 Skin finish: good / 7 Tuberisation: high / 8 Dormancy: average / 6 Underwater weight: 358 Dry matter content: 19.6% Cooking type: firm / A Golden nematode Ro 1,4: resistant* / 9* Wart disease F1: resistant* / 10*

SW 14-8034.



An early retail special variety, high yielding with regular tubers and good skin finish.

- Early variety and regular tubers
- Good resistance against virus and scab
- Good skin finish



Main characteristics

Breeder: Lantmännen Seed B.V. Crossing: CHATEAU x FINESSA Maturity: first early / 8 Flesh colour: light yellow / 6 Skin finish: very good / 7,5 Tuberisation: quite high / 7 Dormancy: quite short / 5,5 Underwater weight: 360 Dry matter content: 19,7% Cooking type: rather firm / AB Late blight - tuber: slightly susceptible / 6,5

Wart disease F1: resistant* / 10*

Notes.

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Spreading genetics and knowledge across the globe

Agrico doesn't only export seed potatoes from the Netherlands, but our genetics and knowledge are also disseminated throughout the world. With our exclusive licensed varieties*, we help our customers to develop their markets using our varieties with high added value, starting from in-vitro tissue culture. We proudly present our best, licensed varieties.



Fyone.

Rousseau.

Nofy.

Volare.

Nomade.

Signum.

Name	Page	Cultivation	Marke	t segmen	nt	Next Generation	Characteri	stics							Resist	ances				
		8					Maturity	Skin colour	Flesh colour	Tuber shape	Dry matter content	type	Crisping quality		Ro 1,4	Ro 2,	3 Pa 2	2 Pa 3	Late blight foliage	Late blight tuber
Adato	28		1	Fresh			6	Υ	5,5	OL	20,4	ВС	6	6,5	9	-	-	-	5	7,5
Agata	28		✓	Fresh			8	Υ	6	0	17,6	AB	4	4	9	-	-	-	5	6
Agria	29	/	/	Fresh	French fries, crisps, convenience		5	Υ	7	OL	21,8	ВС	7	8	9	-	2	2	5,5	7
Alouette	29	✓	1	Fresh	Convenience	✓	6	R	7,5	OL	21,1	AB	-	6,5	9	8	-	-	9	9
Amorosa	30		1				6,5	R	6	OL	19,2	AB	4	5	9	-	-	-	4	7
Anosta	30				French fries		7	Υ	5,5	OR	21,2	ВС	6	7	9	-	-	-	5	8
AR 13-2694	60				Crisps, flakes		6	Υ	6,5	OR	24	С	7	-	4*	2*	8*	7*	5	5
AR 14-0334	60		✓				7,5	Υ	6,5	OL	18,3	AB	-	-	1*	-	-	-	3,5	6
AR 14-2127	61				French fries		7	Υ	6	0	23,6	С	-	8	9*	8*	7*	6*	4,5	-
AR 14-3488	61				French fries		5,5	Υ	6	OL	23	С	-	7	6*	-	-	-	4	5,5
AR 14-3578	62				Crisps		5	Υ	6	OR	24,9	ВС	7	6,5	9*	-	-	-	4,5	5
Arizona	31		✓				6,5	Υ	6	0	17	AB	4	4	9	-	-	-	4	5
Armedi	20, 32				French fries		5,5	Υ	6	OL	21,8	С	7	8	9	7	9	8	4	7,5
Arsenal	31				Crisps, flakes		5,5	Υ	6	RO	24	ВС	7	7,5	9	8	9	8	4,5	5,5
Artemis	33		✓	Fresh			7	Υ	6	OL	20,4	В	6	6	9	-	-	-	5	8
Babylon	33		1	Fresh	French fries, crisps, convenience		5	Υ	7	OL	21,7	ВС	7	8	8	-	-	-	5,5	6,5
Beyonce	34	✓			Crisps, flakes	✓	6	Υ	6,5	OR	23,9	ВС	8	7	4	-	-	-	8,5	7,5
Carolus	34	✓	✓	Fresh		✓	6	Y/R	7	0	21,6	ВС	7	7	-	-	-	-	9	9
Cerisa	35			Salads			7,5	R	7	L	21,3	Α	4,5	5	-	-	-	-	4	7
Constance	35		✓	Fresh			7	Υ	6,5	OR	19,7	AB	4	5,5	-	-	-	-	5	4,5
Corazon	36		✓	Fresh			7	R	6	OL	17,8	AB	4	5,5	9	9	-	-	4,5	6,5
Diamant	36		✓				6	Υ	6	0	23	В	6	7	9	-	-	-	6	7
Ditta	37	√		Fresh, salads			6	Υ	6,5	LO	20,2	Α	4	5,5	9	-	-	-	5,5	7
Erika	37			Fresh, salads			7,5	Υ	6	LO	18,6	Α	4	5	9	-	-	-	3,5	4



Name	Page	Cultivation	Marke	t segment	:	Next Generation	Characteris	stics							Resista	ances				
		•					Maturity	Skin colour	Flesh colour	Tuber shape	Dry matter content	type	Crisping quality		Ro 1,4	Ro 2,	3 Pa 2	2 Pa 3	Late blight foliage	Late blight tuber
Esmee	38		1	Fresh			6,5	R	7	OL	18	AB	4	6	-	-	-	-	4,5	7
Evolution	38		1				6,5	R	6	OL	18,9	В	4	4,5	9	6	7	5	4	6
Fajah (RP 10-1003)	39		1				5,5	Υ	6	LO	19,4	ВС	6,5	7	9	-	3	2	4	5,5
Fontane	39				French fries, crisps, flakes		5,5	Υ	6,5	0	23,2	ВС	6	7,5	9	-	-	-	5	6,5
Jacky	41	✓		Baby potatoes	Convenience	✓	6,5	Υ	6,5	RO	20,1	В	5	5,5	9	-	-	-	9	9
Jolene	22, 40		1	Fresh			6	Υ	6	OL	21,1	В	5	7	-	-	-	-	4	5
KO 13-2242	62		1				5,5	Υ	6	0	19,2	Α	-	6	9*	-	-	-	5,5	6
Kuroda	41		1				6	R	6	0	23	ВС	5	5,5	9	-	-	-	5	5
Leonore (AR 13-1059)	12				French fries		7,5	Υ	7	LO	21,5	ВС	-	7	9*	-	-	-	3,5	5
Levante	42	✓	1	Fresh		✓	5,5	Υ	6	LO	19,9	В	4,5	5,5	9	-	-	-	8,5	7,5
Lugano	43		1		French fries		5,5	Υ	6,5	OL	21,4	В	5,5	7	9	9	9	9	5	5,5
Manitou	43		1	Fresh			5	R	6	LO	19,4	В	4,5	5,5	9	9	-	-	5	6
Markies	44		✓		French fries, crisps		4	Υ	6,5	OL	22,8	ВС	7	8	9	-	-	-	6,5	7
Melrose	44			Fresh, specials	Convenience		6	R	7	0	22	В	5	6,5	-	-	-	-	4	-
Meryem	45		1				5	R	6,5	LO	19,2	В	4	5,5	-	-	-	-	4,5	6
Milva	45			Fresh			5	Υ	7	0	20,7	В	4	4	9	-	-	-	4,5	6
Napoleon	18, 46				Crisps, flakes		5	Υ	6,5	RO	24,1	ВС	8	7	9	=	4	2	6	6,5
Nirvana	47	✓			French fries	✓	5,5	Υ	7	0	22,8	ВС	6	7	-	-	5	2	9	9
Palace	47		✓		French fries, flakes		4,5	Υ	6	0	23,2	С	6	8	-	-	2	2	5	6,5
Paradiso	24, 48		1				5,5	Υ	6	OL	18,2	В	4	4,5	9	-	-	-	5,5	6,5
Picasso	49		✓				5	Y/R	6	0	20,8	В	4	5	9	-	-	-	5	7
PL 15-0706	63				Starch		4	Υ	6	RO	26,6	С	5	-	9*	9*	8*	4*	8,5	7
Premiere	49				French fries		8	Υ	6	OR	22,4	ВС	5	6,5	9	-	-	-	4	6
Prince	50, 67		✓		French fries		5	Υ	4,5	OL	23,3	С	7	8	8	-	-	-	5	6,5
Ranomi	50		/	Fresh			7,5	Υ	6,5	OL	17,9	AB	5	6,5	9	-	-	-	4	6



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Name	Page	Cultivation	Marke	et segmen	t	Next Generation	Characteri	stics							Resista	nces				
		8					Maturity	Skin colour	Flesh colour	Tuber shape	Dry matter content	type	Crisping quality		Ro 1,4	Ro 2,3	Pa 2	2 Pa 3	Late blight foliage	Late blight tuber
Riviera	51		1				8	Υ	6	OR	17,7	AB	4	4,5	9	-	-	-	3	5
Rudolph	51		1				5,5	R	4	OR	20,5	AB	5,5	6,5	-	-	-	-	5,5	5,5
Sante	52		✓	Fresh			6	Υ	6	OR	22,9	В	5	6	9	7	7	3	5	7
Sevilla	52	✓			French fries, crisps		4,5	Υ	7	0	21	С	-	7,5	-	-	-	-	9	-
Sidney (AR 12-1680)	14, 53				French fries		6	Υ	4,5	LO	21,5	В	-	6,5	9	4	8	6	4	8
Sinora	53				French fries, crisps		7	Υ	6,5	OR	22,6	В	7	7,5	9	-	4	2	4,5	5
Spectra	54		1	Fresh			7	Υ	6	OR	17,9	AB	4	4,5	9	-	-	-	4,5	6
Spunta	54		✓				6	Υ	6	L	21	ВС	5,5	6	-	-	2	2	5,5	5
SW 14-6968	63			Fresh			7	Υ	6,5	0	21	В	-	8	8*	-	-	-	4	5,5
SW 14-7008	63			Salads			7	Υ	6,5	OL	19,6	Α	-	-	9*	-	5*	3*	3,5	5,5
SW 14-8034	64			Salads			8	Υ	6	OL	19,7	AB	-	-	1*	-	-	-	3,5	6,5
Thalia	55			Fresh			5,5	Υ	7	0	21	Α	5	6	3	2	8	7	5	7,5
Twinner	55	✓	✓	Fresh		✓	7,5	Υ	7	0	19,7	AB	5	6,5	9	-	-	-	8	9
Twister	56	✓	✓	Fresh		✓	7	Υ	6,5	RO	19	AB	4	5	9	-	-	-	9	9
Vogue	56		✓				6,5	Υ	7	OL	17,3	AB	4	5	9	-	-	-	4	6

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^{*} Results marked with an asterisk (*) are based on our own research and have not yet been officially published.

Market segment

Traditional





• Baby potatoes, fresh, salads, specials



Processing industry

• Crisps, convenience, flakes, French fries, starch

Cultivation method



Organic (Suitable for organic cultivation)

Next Generation varieties



Varieties marked with the Next Generation symbol are highly resistant to late blight.

early; 8,5 first early; 9 first early

Plant and tuber characteristics

Maturity 4 maincrop; 4,5 maincrop; 5 maincrop; 5,5 early maincrop; 6 early maincrop; 6,5 second early; 7 second early; 7,5 early; 8 first

Lightsprout colour RV red violet

R red

BV blue violet

violet

GV green violet

G green

GRV green red violet

GR green red

RBV red blue violet

And all other combinations, for example: LBP light blue purple or DRV dark red violet

Flower colour

W white

LP light purple purple

LB light blue

B blue V violet

DP dark purple

BP blue purple

Number of berries	4 very high; 4,5 high; 5 above					
	average; 5,5 above average; 6					
	average; 6,5 below average; 7					
	below average; 7,5 low; 8 none					
Foliage - initial	4 slow; 4,5 slow; 5 quite slow; 5,5					
development	quite slow; 6 average; 6,5 average					
	7 quite fast; 7,5 quite fast; 8 fast					
Foliage - final	4 poor; 4,5 poor; 5 poor; 5,5					
development	poor; 6 poor; 6,5 moderate; 7					
	average; 7,5 quite good; 8 good					
Foliage - firmness	4 fragile; 4,5 fragile; 5 quite					
	fragile; 5,5 quite fragile; 6					
	average; 6,5 average; 7 quite					
	firm; 7,5 quite firm; 8 firm					
Skin colour	Y yellow					
	R red					
	Y/R yellow with red eyes					
	RUS russet					
	P purple					
Flesh colour	4 white; 4,5 white; 5 cream; 5,5					
	cream; 6 light yellow; 6,5 light					
	yellow; 7 yellow; 7,5 yellow;					
	8 deep yellow; 8,5 orange					
Skin finish	3 russet; 3,5 russet; 4 very					
	poor; 4,5 poor; 5 quite poor;					
	5,5 below average; 6 average;					
	6,5 above average; 7 good;					
	7,5 very good; 8 excellent					
Tuber shape	R round					
	RO round oval					
	OR oval round					
	O oval					
	OL oval long					
	LO long oval					
	L long					
Regularity of	4 irregular; 4,5 irregular; 5 quite					
tuber shape	irregular; 5,5 quite irregular; 6					
	quite regular; 6,5 quite regular;					
	7 regular; 7,5 regular; 8 regular					
Tuberisation	4 low; 4,5 low; 5 quite low;					
	5,5 quite low; 6 average; 6,5					
	average; 7 quite high; 7,5 quite					
	high; 8 high; 8,5 high; 9 high					
Tuber size	4 small; 4,5 small; 5 quite small;					
	5,5 quite small; 6 average;					
	, , , , , , , , , , , , , , , , , , , ,					

7,5 quite large; 8 large

Regularity of	4 irregular; 4,5 irregular; 5 quite
tuber size	irregular; 5,5 quite irregular; 6
	quite regular; 6,5 quite regular;
	7 regular; 7,5 regular; 8 regular
Dormancy	4 short; 4,5 short; 5 quite
	short; 5,5 quite short; 6
	average; 6,5 average; 7 quite
	long; 7,5 quite long; 8 long

Sensitivity and quality

Sensitivity and o	luanty
Secondary growth	4 very sensitive; 4,5 very sensitive; 5 sensitive; 5,5 sensitive; 6 quite sensitive; 6,5 quite sensitive; 7 slightly sensitive; 7,5 slightly sensitive; 8 slightly to not sensitive
Black spot (internal bruising)	4 very sensitive; 4,5 very sensitive; 5 sensitive; 5,5 sensitive; 6 quite sensitive; 6,5 quite sensitive; 7 slightly sensitive; 7,5 slightly sensitive; 8 slightly to not sensitive
Growth cracks	4 very sensitive; 4,5 very sensitive; 5 sensitive; 5,5 sensitive; 6 quite sensitive; 6,5 quite sensitive; 7 slightly sensitive; 7,5 slightly sensitive; 8 slightly to not sensitiv
Harvest damage	4 very sensitive; 4,5 very sensitive; 5 sensitive; 5,5 sensitive; 6 quite sensitive; 6,5 quite sensitive; 7 slightly sensitive; 7,5 slightly sensitive; 8 slightly to not sensitive
Metribuzin, pre- and post- emergence; Bentazon	3 very sensitive; 3,5 very sensitive; 4 very sensitive; 4,5 very sensitive; 5 sensitive; 5,5 sensitive; 6 quite sensitive; 6,5 quite sensitive; 7 slightly sensitive; 7,5 slightly sensitive; 8 slightly to not sensitive
Ethylene	 4 5% fewer tubers 4,5 5% fewer tubers 5 5% fewer to 5% more tubers

5,5 5% fewer to 5% more tubers

6 5% to 15% more tubers

6,5 5% to 15% more tubers

7 15% to 25% more tubers

7,5 15% to 25% more tubers

8 25% more tubers

Underwater weight 300 grams low; 500 grams high

Dry matter content	17% low; 26,5% high
Cooking type	 A firm AB rather firm B rather floury BC floury C floury CD floury
After cooking discolouration	4 very sensitive; 4,5 very sensitive; 5 sensitive; 5,5 sensitive; 6 quite sensitive; 6,5 quite sensitive; 7 slightly sensitive; 7,5 slightly sensitive; 8 slightly to not sensitive
Raw discolouration	4 very sensitive; 4,5 very sensitive; 5 sensitive; 5,5 sensitive; 6 quite sensitive; 6,5 quite sensitive; 7 slightly sensitive; 7,5 slightly sensitive; 8 slightly to not sensitive
Fries quality	4 unsuitable; 4,5 unsuitable; 5 unsuitable; 5,5 below average; 6 average; 6,5 above average; 7 good; 7,5 very good; 8 excellent
Dry matter distribution	5 quite poor; 5,5 quite poor; 6 average; 6,5 average; 7 good; 7,5 good; 8 excellent; 8,5 excellent; 9 excellent; 9,5 excellent
Crisping quality	4 unsuitable; 4,5 unsuitable; 5 unsuitable; 5,5 below average; 6 average; 6,5 above average; 7 good; 7,5 very good; 8 excellent
TGA - level	Indicates level of TGA (Glycoalkaloids, measured as mg per 100 grams).



Sensitivity and quality

		,
Potato cyst	Clas	ss % relative sensitivity
nematodes	9	< 1
Golden	8	1,1-3
nematode:	7	3,1-5
Ro 1, 2, 3 and 4	6	5,1-10
White nematode:	5	10,1-15
Pa 2 and 3	4	15,1-25
	3	25,1-50
	2	50,1-100
	1	> 100
	1	
		usceptible; 2 susceptible; 3
		ceptible; 4 susceptible; 5
		derately susceptible; 6 moderately
		ceptible; 7 field resistant; 8
		d resistant; 9 resistant
Late blight -		ery susceptible; 2,5 very susceptible;
foliage and tuber;		ery susceptible; 3,5 very susceptible;
Common scab;		ery susceptible; 4,5 very susceptible;
Powdery scab;		usceptible; 5,5 susceptible; 6
Fusarium; Black	_	htly susceptible; 6,5 slightly
dot; Spraing;		ceptible; 7 slightly susceptible;
Virus - Leafroll;		slightly susceptible; 8 slightly to
Virus - Yn;		susceptible; 8,5 slightly to not
Virus - Yntn	sus	ceptible; 9 slightly to not susceptible
(tuber)		
Wart disease F1,	1 ve	ery susceptible; 2 very
F6, F18		ceptible; 3 very susceptible; 4
		y susceptible; 5 quite susceptible;
		uite susceptible; 7 moderate
		ceptible; 8 moderate susceptible;
	9 sl	ightly susceptible; 10 resistant

Results marked (*) are based on our own tests and have not yet been published officially.

Notes.	

English	Nederlands	Deutsch	Français	Español	Português
aby potatoes	Krielaardappelen	Drillinge	Grenailles	Patatas baby	Babies
lack spot (internal bruising)	Stootblauw	Schwarzfleckigkeit	Noircissement de la chair	Antracnosis	Manchas negras
reeder	Kweker	Züchter	Obtenteur	Obtentor	Obtentor
ommon scab	Schurft	Schorf	Gale commune	Sarna común	Sarna comum
onvenience	Koelvers	Fertigprodukten	4ème gamme	Precocinadas	4ª Gama
ooking type	Kooktype	Kochtyp	Type de cuisson	Tipo de cocción	Grupo culinário
risps	Chips	Chips	Chips	Patatas fritas de bolsa (chips)	Rodelas
risping quality	Geschikt voor chips	Geeignet für Chips	Utilisation possible en Chips	Calidad para chips	Qualidade para fritura em rodelas
rossing	Kruising	Kreuzung	Croisement	Cruzamiento	Cruzamento
Discolouration after cooking	Grauwverkleuring (na koken)	Grauverfärbung (nach dem Kochen)	Noircissement après cuisson	Coloración gris (después de	Descoloração após cozedura
				la cocción)	
Oormancy	Kiemrust	Keimruhe	Dormance	Dormancia	Dormência
ry matter content	Drogestofgehalte	Trockensubstanzgehalt	Matière sèche	Contenido de materia seca	Teor de matéria seca
ry matter distribution	Drogestofverdeling	Trockenmasseverteilung	Répartition de la matière sèche	Distribución de la materia seca	Distribuição da matéria seca
lakes	Vlokken	Flocken	Flocon	Copos	Flocos
lesh colour	Vleeskleur	Fleischfarbe	Couleur de la chair	Color de la carne	Cor da polpa
lower colour	Bloemkleur	Blütenfarbe	Couleur de la fleur	Color de la flor	Cor da flor
oliage - final development	Loof - ontwikkeling volledig	Laub - Entwicklung Ende	Feuillage - développement final	Follaje - desarrollo final	Folhagem - desenvolvimento final
oliage - firmness	Loof - stevigheid plant	Laub - Festigkeit	Feuillage - tenue	Follaje - firmeza	Firmeza da folhagem
oliage - initial development	Loof - ontwikkeling begin	Laub - Entwicklung Anfang	Feuillage - développement initial	Follaje - desarrollo inicial	Folhagem - desenvolvimento inicial
rench fries	Frites	Pommes frites	Frites	Patatas fritas	Palitos
resh	Vers	Frisch	Frais	Frescas	Fresco
ries quality	Geschikt voor friet	Geeignet für Pommes	Utilisation possible en Frites	Calidad para patatas fritas	Qualidade para fritura em palitos
rowth cracks	Groeischeuren	Wachstumsrisse	Crevasses	Grietas de crecimiento	Rachamentos
larvest damage	Rooibeschadiging	Rodebeschädigung	Dégâts d'arrachage mécanique	Daños de recolección	Danos mecânicos
ate blight - foliage	Phytophthora - loof	Krautfäule	Mildiou du feuillage	Mildiu de la hoja	Míldio da folha
ate blight - tuber	Phytophthora - knol	Braunfäule	Mildiou du tubercule	Mildiu del tubérculo	Míldio do tubérculo
ight sprout colour	Kiemkleur	Lichtkeim	Couleur du germe	Color claro del brote	Brolho de cor clara
Maturity	Rijptijd	Reifezeit	Maturité	Madurez	Maturação
Organic	Biologisch	Biologisch	Biologique	Ecológico	Biológico
otato cyst nematodes	Aardappelmoeheid	Kartoffelzystennematoden	Nématodes	Nematodos del quiste de la patata	Nemátodes do quisto da batateira
owdery scab	Poederschurft	Pulverschorf	Gale poudreuse	Sarna pulverulenta	Sarna pulverulenta
rocessing	Verwerking	Verarbeitung	Industrie	Transformación	Indústria
aw discolouration	Rauwverkleuring	Rohverfärbung	Grisaillement	Coloración en crudo	Descoloração em cru
Regularity of tuber shape	Regelmaat knolvorm	Regelmäßigkeit der Knollenform	Régularité de la forme	Regularidad de la forma de los	Regularidade da forma
Regularity of tuber size	Regelmaat sortering	Größenregelmäßigkeit	Homogénéité de la taille	tubérculos Regularidad del tamaño	Regularidade do calibre
retail	Retail	Einzelhandel	Retail	Venta al por menor	Retalho
alads	Salade	Salatsorten	Vapeur	Ensaladas	Salada
econdary growth	Doorwas	Durchwuchs	Repousse	Crecimiento secundario	Segundos crescimentos
kin colour	Schilkleur	Schalenfarbe	Couleur de la peau	Color de la piel	Cor da pele
kin finish	Schilhoedanigheid	Schalenqualität	Qualité de la peau	Finura de la piel	Acabamento de pele
pecials	Speciaal	Spezielle	Spécialité	Especiales	Especialidades
praing	Kringerigheid	Stippigkeit	Ferrure	Manchas y/o círculos necróticos	TRV
				<u> </u>	
tarch	Zetmeel	Stärke	Fécule	Fécula Tradicional	Fécula
raditional	Traditioneel	Traditionell	Traditionelle (consommation)	Tradicional	Tradicional
uberisation	Knolzetting	Knollenbildung	Tubérisation	Tuberización	Tuberização
uber shape	Knolvorm	Knollenform	Forme du tubercule	Forma de los tubérculos	Forma dos tubérculos
uber size	Grofheid knollen	Knollengrösse	Grosseur des tubercules	Tamaño de los tubérculos	Calibre dos tubérculos
Jnderwater weight	Onderwatergewicht	Unterwassergewicht	Poids sous eau	Peso bajo agua	Peso debaixo de água

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