



Potato Variety Open Days 2023.

**Wednesday 30th August
&
Thursday 31st August**

Heath Lane, Caythorpe, Grantham.
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G. R. Ward & Co.



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**THE BEST QUALITY,
THE BEST YIELD,
THE BEST PROSPECTS.**

**Say potato,
say Agrico.**

About Agrico

Agrico UK offers new and innovative varieties of proven quality, developed to meet both the present and future demands of the UK market. Our varieties are the result of extensive research and development in partnership with Agrico Research based in the Netherlands. We have nearly 40 years' experience as a breeder and supplier in the UK and international markets.

Striving to continually adapt, Agrico UK caters for the diverse challenges faced by the potato industry in the UK. Ever changing consumer demand, increasing quality requirements, climate change, additional regulations, disease pressure resulting in less available land, PCN, late blight and blackleg are just some of the other key issues.

Our aim is to offer the best quality, the best yield and the best results! We succeed in this by supplying high-quality, profitable varieties. Both on the conventional and the organic market. Our Next Generation portfolio offers varieties that facilitate a reduction in agronomic inputs, better crop protection and contribute to sustainability and food security.

Our Vision

Agrico aim to deliver excellence in what we do. Consulting with our customers to ensure we have topical knowledge of the markets and consumer profiles worldwide. Applying this knowledge to breed and innovate for the future while providing industry leadership to develop staff, suppliers, customers and consumers.

Our Values

We aim to deliver the highest quality seed potatoes to our customers in a reliable and sustainable way. To achieve this we will always LISTEN to our customers and growers, be HONEST, ACCESSIBLE, FRIENDLY, VISIBLE & LEAD by example. We will always be fair and act with INTEGRITY, to create a business everyone can be proud of.

About Trial Plots

Planting Date

- All varieties were planted on Thursday 27th April, 2023.

Plants Per Plot & Planting Distances

- Salad varieties: 32 tubers planted at 15cm spacing
- Maincrop varieties: 16 tubers planted at 30cm spacing

Fertiliser Treatment

The fertiliser treatment of the Agrico trial plots is as follows:-

Pre-planting

- 99kg/Ha Nitrogen
- 198kg/Ha Phosphate
- 300kg/Ha Potash

Liquid at planting

- 75kg/Ha Nitrogen

Crop Protection

- No seed treatment applied
- 10 anti-blight sprays applied
-

Irrigation

- 6 x 15mm applications

Soil Type

- Sandy Loam

Market

Variety

	Skin Colour	Maturity	Cooking Type	Table	Salad	Baking	Chipping	Crisping	Processing	Organic
Agostino *		EM	BC	•						•
Alouette		M	AB	•						•
Armedi *		EM	C				•		•	
Arsenal		M	BC					•	•	
Babylon		EM	BC				•		•	
Beyonce		M	BC					•		•
Chateau		FE	AB		•					
Corazon		M	AB	•						
Fontane		EM	BC	•			•	•	•	
Grace *		M	BC	•						
Jacky		FE	B		•					•
Levante		M	B	•						•
Lugano		EM	B				•		•	
Manitou		M	B	•						
Markies		M	BC	•			•	•	•	
Napoleon *		M	BC					•	•	
Palace		M	C				•		•	
Severina		EM	AB	•						
Twinner		EM	AB	•						•
Twister		M	AB	•		•				•

Cooking Type

A = Firm

B = Rather Floury

C = Floury

AB = Quite Firm

BC = Floury

Maturity

FE = First Early

M = Maincrop

* Dutch Data

EM = Early Maincrop

LM = Late Maincrop

Disease Resistance Chart

Variety

	Common Scab	Powdery Scab	Blackleg	Spraying	PCN Resistance	PCN Pallida	Tuber Blight	Foliage Blight
Agostino *							•	•
Alouette					1, 2, 3 & 4		•	•
Armedi *				•	1, 2, 3 & 4	•	•	
Arsenal		•		•	1, 2, 3 & 4	•		
Babylon				•	1 & 4		•	
Beyonce							•	•
Chateau					1 & 4			
Corazon					1, 2, 3 & 4			
Fontane				•	1 & 4			
Grace *					1 & 4			
Jacky					1, 2, 3 & 4		•	•
Levante					1 & 4		•	•
Lugano		•			1, 2, 3 & 4	•		
Manitou				•	1, 2, 3 & 4			
Markies				•	1 & 4		•	•
Napoleon *					1 & 4		•	
Palace		•			1, 2 & 3			
Severina		•			1 & 4			
Twinner					1 & 4		•	•
Twister					1 & 4		•	•

Key

Varieties marked above have a scoring of 7+ for disease resistance
(1= low / poor, 9= high / excellent)

* Dutch Data

Agrico offers the next generation potatoes.

- Delicious and unique thanks to their natural resistance.
- Extremely versatile.
- A range of varieties suitable for conventional and organic cultivation methods.

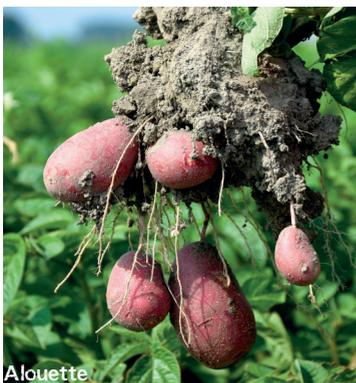
Choose one of these varieties and eliminate the need for intensive protection against Late Blight.

Varieties for a sustainable future, worldwide.

Agrico's "Next Generation" potatoes. Good for people, planet and profit. A great choice for you?

The "Next Generation" variety portfolio offers salad, table white and table red varieties.

On show this year are:- Agostino, Alouette, Beyonce, Jacky, Levante, Twinner & Twister.



Agrico Varieties.

Salad potatoes.



Jacky

Jacky.

High yielding, early salad variety with very high tuber numbers. Excellent taste and resistance to Foliage and Tuber Blight.

- Very high marketable yield (2.2 million tubers/Ha)
- Pale yellow skin with light yellow flesh
- Very good eating quality



General Characteristics

- **Breeders rights:** 31-12-2049
- **Crossing:** ANOUK x ATHLETE
- **Seedling No:** SW 09-0557

Market

- **Salad**
- **Organic**

Plant and Tuber Characteristics

Average Yield	9
Maturity	First Early
Flower Colour	Light Purple
Foliage - Initial Development	8
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	8
Tuber Size	6.5
Tuber Shape	Round Oval
Uniformity of Shape	8
Tuber Number (Score)	8
Uniformity of Size	7
Eye Depth	8

Quality Characteristics

Dormancy	5.5
Metribuzin	8
Bentazon	-
Ethylene	15% to 25% more tubers / 7

Secondary Growth	5.5
Growth Cracks	6
Black Spot	8
Resistance to Harvest Damage	8.5
Resistance to Bruising	8

Dry Matter Content	18%
Dry Matter Distribution	6.5

Suitable for Crisping	-
Suitable for Chipping	-
Cooking Type	Rather Floury
Raw Discolouration	6
Discolouration after cooking	6.5

Say potato,
say **Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Jacky.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	9
PCN - (Ro3)	9
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	9
Late Blight Tuber	9

Alternaria (Early Blight)	-
Common Scab	5.5
Powdery Scab	2
Black Dot	6
Spraing	6.5
Silver Scurf	-
Fusarium (Dry Rot)	5.5
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	5
Virus - Yntn (tuber)	8

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
Potassium: Standard Advice
Phosphate: Standard Advice

Cultivation

It is recommended to apply a seed treatment against Rhizoctonia. Maintain soil moisture levels through the tuber initiation stage of growth to avoid Common Scab.

Plant Spacing

30/40mm: 17cm (98,000 plants/Ha) for 3 rows in a 1.8m bed.
40/50mm: 19cm (88,000 plants/Ha) for 3 rows in a 1.8m bed.

Herbicide Sensitivity

Metribuzin (Sencorex) can be used.

Fungicides

Continue to monitor Hutton criteria for Blight alerts.

Harvest

Two weeks after complete haulm killing is usually sufficient as Jacky is not sensitive to harvest damage and bruising.

Storage

Refrigeration is required for long term storage as the variety has medium dormancy.

Say
growth,
say **Agrico.**

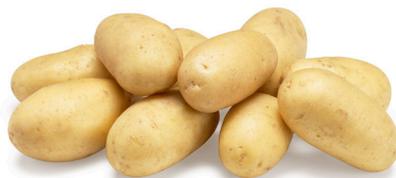
Chateau.

Exclusive to

BRANSTON

A salad variety with good tuber numbers and excellent taste.

- Excellent taste
- Yellow Skin and Flesh
- Long oval tubers



General Characteristics

- Breeders rights: 31-12-2046
- Crossing: MA 98-0322 x AR 98-0341
- Seedling No: AR 05-1443

Market

- Salad

Plant and Tuber Characteristics

Average Yield	7
Maturity	First Early
Flower Colour	White
Foliage - Initial Development	7.5
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	7
Tuber Shape	Long Oval
Uniformity of Shape	7
Tuber Number (Score)	8
Uniformity of Size	7
Eye Depth	-

Quality Characteristics

Dormancy	6
Metribuzin	6
Bentazon	7.5
Ethylene	5% to 15% more tubers / 6

Secondary Growth	6.5
Growth Cracks	6.5
Black Spot	8
Resistance to Harvest Damage	5
Resistance to Bruising	8

Dry Matter Content	19.2%
Dry Matter Distribution	-

Suitable for Crisping	4
Suitable for Chipping	4
Cooking Type	Rather Firm
Raw Discolouration	7.5
Discolouration after cooking	7.5

Say potato,
say **Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Chateau.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	-
PCN - (Ro3)	-
PCN - (Ro4)	9
PCN - (Pa2) Pallida	-
PCN - (Pa3) Pallida	-

Late Blight Foliage	4
Late Blight Tuber	5.5

Alternaria (Early Blight)	-
Common Scab	5.5
Powdery Scab	2
Black Dot	4.5
Spraing	5
Silver Scurf	-
Fusarium (Dry Rot)	7
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	7
Virus - Yntn (tuber)	6.5

Wart Disease - F1	8
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
Potassium: Standard Advice +20%
Phosphate: Standard Advice

Cultivation

De-sprouting can be done, but not more than once. Chateau can be planted directly out of the cold store.

Plant Spacing

30/40mm: 12cm (92,500 plants/Ha)
40/50mm: 15cm (74,000 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Don't use Metribuzin (Sencorex), as it gives a severe foliage reaction and a serious yield reduction.

Fungicides

A strict preventative spraying schedule against Late Blight is necessary, as Chateau is susceptible.

Harvest

Chateau is sensitive to harvest damage but not sensitive to bruising, if possible wait at least two weeks after haulm killing before harvesting.

Storage

Chateau has a good dormancy and is suitable for medium term storage (6 months) at 5°C.

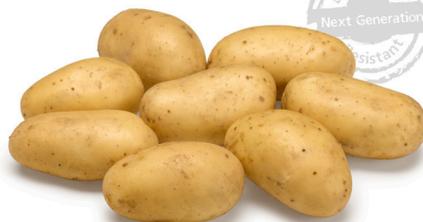
Say
growth,
say **Agrico.**

Levante.

Salad

A maincrop variety for the table market with good Blight resistance.

- Smooth yellow skin and light yellow flesh
- Good dry matter and excellent taste
- High tuber numbers



General Characteristics

- **Breeders rights:** 31-12-2048
- **Crossing:** AR 01-3218 x ALMERA
- **Seedling No:** AR 07-3009

Market

- **Table**
- **Organic**

Plant and Tuber Characteristics

Average Yield	7
Maturity	Maincrop
Flower Colour	White
Foliage - Initial Development	7
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	7
Tuber Shape	Long Oval
Uniformity of Shape	7
Tuber Number (Score)	8
Uniformity of Size	6.5
Eye Depth	8

Quality Characteristics

Dormancy	6.5
Metribuzin	8
Bentazon	7
Ethylene	4

Secondary Growth	7
Growth Cracks	7
Black Spot	6.5
Resistance to Harvest Damage	5
Resistance to Bruising	6.5

Dry Matter Content	20.4%
Dry Matter Distribution	-

Suitable for Crisping	-
Suitable for Chipping	5.5
Cooking Type	Rather Floury
Raw Discolouration	5
Discolouration after cooking	7

Say potato,
say **Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Levante.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	4
PCN - (Ro3)	4
PCN - (Ro4)	9
PCN - (Pa2) Pallida	3
PCN - (Pa3) Pallida	3

Late Blight Foliage	9
Late Blight Tuber	7

Alternaria (Early Blight)	-
Common Scab	5.5
Powdery Scab	6
Black Dot	-
Spraing	6
Silver Scurf	-
Fusarium (Dry Rot)	6
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	7
Virus - Yntn (tuber)	8

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
Potassium: Standard Advice
Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 33cm (33,500 plants/Ha)
45/55mm: 36cm (31,500 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Early observations show that the use of Metribuzin (Sencorex) can result in a severe foliage reaction and some yield reduction.

Fungicides

Harvest

Storage

Good dormancy and is suitable for medium storage.

Say
growth,
say **Agrico.**

2022 Potato Variety Days, Hundreds Farm, Crowland.



Agrico Varieties.

Table White potatoes.



Twister

Twister.

Maincrop table variety with excellent Foliage and Tuber Blight resistance.

- Round oval tubers with yellow skin and flesh colour
- Good tuber numbers and bright skin finish
- High percentage of bakers



General Characteristics

- **Breeders rights:** 31-12-2048
- **Crossing:** ARG 96-0739 x AR 02-9113
- **Seedling No:** TW 08-1507

Market

- **Table**
- **Baking**
- **Organic**

Plant and Tuber Characteristics

Average Yield	7.5
Maturity	Maincrop
Flower Colour	Light Purple
Foliage - Initial Development	7
Foliage - Final Development	7.5

Flesh Colour	Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	7
Tuber Shape	Round Oval
Uniformity of Shape	7
Tuber Number (Score)	6
Uniformity of Size	6.5
Eye Depth	7

Quality Characteristics

Dormancy	8
Metribuzin	3
Bentazon	6
Ethylene	5% fewer tubers / 4

Secondary Growth	6.5
Growth Cracks	6.5
Black Spot	8
Resistance to Harvest Damage	7
Resistance to Bruising	8

Dry Matter Content	19%
Dry Matter Distribution	-

Suitable for Crisping	-
Suitable for Chipping	-
Cooking Type	Quite Firm
Raw Discolouration	6
Discolouration after cooking	6

**Say potato,
say Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Twister.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	1
PCN - (Ro3)	1
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	9
Late Blight Tuber	9

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	5
Black Dot	7
Spraing	6
Silver Scurf	-
Fusarium (Dry Rot)	6
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	8
Virus - Yntn (tuber)	8

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice -10%
 Potassium: Standard Advice
 Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 28cm (39,500 plants/Ha)
 45/55mm: 32cm (34,500 plants/Ha)
 Spacing figures for 90cm row width.

Herbicide Sensitivity

DO NOT USE METRIBUZIN (SENCOREX)

Fungicide

Continue to monitor using Hutton Criteria for Blight alerts.

Harvest

Two weeks after accurate haulm killing is usually sufficient, as Twister is only minimally sensitive to harvest damage and not sensitive to Black Spot.

Storage

Good dormancy and is suitable for long term storage.

Say
 growth,
 say **Agrico.**

Severina.

Second Early table variety.

- Large oval tubers with light yellow flesh
- Good yield and bright skin finish
- PCN Rostochiensis resistant



General Characteristics

- Breeders rights: 31-12-2049
- Crossing: AR 00-0093 x MARIANNE
- Seedling No: KO 08-1715

Market

- Table

Plant and Tuber Characteristics

Average Yield	8
Maturity	Early Maincrop
Flower Colour	White
Foliage - Initial Development	7.5
Foliage - Final Development	7.5

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	8
Tuber Shape	Oval
Uniformity of Shape	7
Tuber Number (Score)	6
Uniformity of Size	7
Eye Depth	8

Quality Characteristics

Dormancy	5
Metribuzin	4
Bentazon	-
Ethylene	5% fewer tubers / 4

Secondary Growth	6.5
Growth Cracks	6.5
Black Spot	6
Resistance to Harvest Damage	6
Resistance to Bruising	6

Dry Matter Content	18%
Dry Matter Distribution	-

Suitable for Crisping	-
Suitable for Chipping	-
Cooking Type	Quite Firm
Raw Discolouration	-
Discolouration after cooking	5.5

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Severina.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	-
PCN - (Ro3)	-
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	3.5
Late Blight Tuber	5

Alternaria (Early Blight)	-
Common Scab	5.5
Powdery Scab	7.5
Black Dot	-
Spraing	4.5
Silver Scurf	-
Fusarium (Dry Rot)	6.5
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	8
Virus - Yntn (tuber)	6

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
Potassium: Standard Advice
Phosphate: Standard Advice

Cultivation

Susceptible to Spraing, test and treat lighter soil types.

Plant Spacing

35/45mm: 30cm (37,000 plants/Ha)
45/55mm: 35cm (31,500 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

DO NOT USE METRIBUZIN (SENCOREX) as it gives a severe foliage reaction and yield reduction.

Fungicides

Maintain a preventative Blight spray programme.

Harvest

Severina is quite sensitive to harvest damage and to Black Spot. Wait at least two weeks after haulm killing before harvesting.

Storage

Refrigeration is required for long term storage as the variety has short dormancy.

Say
growth,
say **Agrico.**

Twinner.



An early table variety with Foliage and Tuber Blight resistance.

- Large oval tubers with yellow skin and flesh
- Good Dry Matter
- Resistant to PCN Rostochiensis

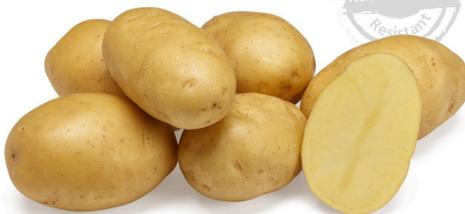


Table White

General Characteristics

- Breeders rights: 31-12-2046
- Crossing: MA 98-0032 x AR 00-87-22
- Seedling No: TW 07-0807

Market

- Table
- Organic

Plant and Tuber Characteristics

Average Yield	6.5
Maturity	Early Maincrop
Flower Colour	White
Foliage - Initial Development	7.5
Foliage - Final Development	7

Flesh Colour	Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	7.5
Tuber Shape	Oval
Uniformity of Shape	7
Tuber Number (Score)	5
Uniformity of Size	6.5
Eye Depth	7

Quality Characteristics

Dormancy	6
Metribuzin	6.5
Bentazon	7
Ethylene	15% to 25% more tubers / 7

Secondary Growth	6.5
Growth Cracks	7
Black Spot	7.5
Resistance to Harvest Damage	6.5
Resistance to Bruising	7.5

Dry Matter Content	20%
Dry Matter Distribution	-

Suitable for Crisping	-
Suitable for Chipping	-
Cooking Type	Quite Firm
Raw Discolouration	6
Discolouration after cooking	6.5

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Twinner.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	1
PCN - (Ro3)	1
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	8
Late Blight Tuber	9

Alternaria (Early Blight)	-
Common Scab	5.5
Powdery Scab	4
Black Dot	6.5
Spraing	6
Silver Scurf	-
Fusarium (Dry Rot)	6
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	7
Virus - Yntn (tuber)	4

Wart Disease - F1	10
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice +50kg/Ha, split application may increase tuber numbers.
 Potassium: Standard Advice
 Phosphate: Standard Advice
 Twinner is a determinate variety and requires higher levels of nitrogen fertiliser to achieve optimum yield.

Cultivation

Schedule irrigation on lighter soils for Common Scab control. Only plant if the soil has warmed up. Twinner can be planted directly out of cold store.

Plant Spacing

35/45mm: 23cm (48,000 plants/Ha)
 45/55mm: 27cm (41,000 plants/Ha)
 Spacing figures for 90cm row width.

Herbicide Sensitivity

Use of Metribuzin (Sencorex) can give some discolouration of the foliage and yield reduction.

Fungicides

Twinner is resistant to Late Blight and Tuber Blight. Continue to monitor Hutton Criteria for Blight alerts.

Harvest

Wait at least three weeks after haulm killing before harvest as Twinner is quite sensitive to harvest damage.

Storage

Average dormancy and is suitable for medium term storage.

Say
 growth,
 say **Agrico.**

Levante.

A maincrop variety for the table market with good Blight resistance.

- Smooth yellow skin and light yellow flesh
- Good dry matter and excellent taste
- High tuber numbers

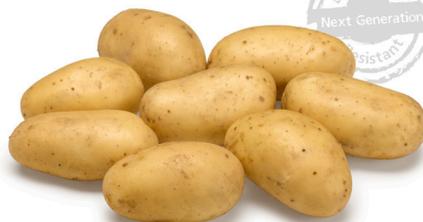


Table White

General Characteristics

- Breeders rights: 31-12-2048
- Crossing: AR 01-3218 x ALMERA
- Seedling No: AR 07-3009

Market

- Table
- Organic

Plant and Tuber Characteristics

Average Yield	7
Maturity	Maincrop
Flower Colour	White
Foliage - Initial Development	7
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	7
Tuber Shape	Long Oval
Uniformity of Shape	7
Tuber Number (Score)	8
Uniformity of Size	6.5
Eye Depth	8

Quality Characteristics

Dormancy	6.5
Metribuzin	8
Bentazon	7
Ethylene	4

Secondary Growth	7
Growth Cracks	7
Black Spot	6.5
Resistance to Harvest Damage	5
Resistance to Bruising	6.5

Dry Matter Content	20.4%
Dry Matter Distribution	-

Suitable for Crisping	-
Suitable for Chipping	5.5
Cooking Type	Rather Floury
Raw Discolouration	5
Discolouration after cooking	7

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Levante.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	4
PCN - (Ro3)	4
PCN - (Ro4)	9
PCN - (Pa2) Pallida	3
PCN - (Pa3) Pallida	3

Late Blight Foliage	9
Late Blight Tuber	7

Alternaria (Early Blight)	-
Common Scab	5.5
Powdery Scab	6
Black Dot	-
Spraing	6
Silver Scurf	-
Fusarium (Dry Rot)	6
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	7
Virus - Yntn (tuber)	8

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
Potassium: Standard Advice
Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 33cm (33,500 plants/Ha)
45/55mm: 36cm (31,500 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Early observations show that the use of Metribuzin (Sencorex) can result in a severe foliage reaction and some yield reduction.

Fungicides

Harvest

Storage

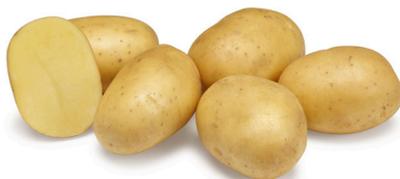
Good dormancy and is suitable for medium storage.

Say
growth,
say **Agrico.**

Grace. (AR 11-0965).

An oval round, light yellow fleshed, late ware variety with a high dry matter content.

- High yielding ware variety with high dry matter content
- Good virus resistance
- Short dormancy, suitable for second crop



General Characteristics

- **Breeders rights:** Pending
- **Crossing:** AR 04-3730 x AR 04-3680
- **Seedling No:** AR 11-0965

Market

- **Table**

Plant and Tuber Characteristics

Maturity	maincrop / 5
Light sprout colour	-
Flower Colour	purple
No. of berries	none / 4
Foliage - Initial Development	fast / 8
Foliage - Final Development	good / 8
Foliage - Selectability	average / 6
Foliage - Plant Firmness	quite firm / 7.5

Flesh Colour	light yellow / 6.5
Skin Colour	yellow
Skin Finish	above average / 6.5
Tuber Size	quite large / 7.5
Tuber Shape	oval round
Regularity of tuber Shape	regular / 7
Tuberisation	average / 6.5
Regularity size	regular / 7

Sensitivity and Quality

Dormancy	short / 4
Metribuzin	quite sensitive / 6
Bentazon	slightly to not sensitive / 8
Ethylene	5% to 15% more tubers / 6

Secondary Growth	quite sensitive / 6.5
Growth Cracks	quite sensitive / 6.5
Black Spot (internal bruising)	slightly sensitive / 7
Harvest Damage	quite sensitive / 6

Underwater weight	417
Dry Matter Content	22.5%
Dry Matter Distribution	- / -
TGA - level	-

Crisping Quality	unsuitable / 5
Fries Quality	below average / 5.5
Cooking Type	floury / BC
Raw Discolouration	quite sensitive / 6
Discolouration after cooking	sensitive / 5.5

Say potato,
say **Agrico.**

****Seedling: Dutch Only Data, UK Data not yet available****

Grace. (AR 11-0965).

Resistances

Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	- / -
White nematode Pa 2	susceptible / 4
White nematode Pa 3	susceptible / 2

Late Blight - Foliage	slightly susceptible / 6
Late Blight - Tuber	susceptible / 5.5

Common Scab	susceptible / 6
Powdery Scab	- / -
Fusarium	very susceptible / 4.5
Erwinia	- / -
Black Dot	- / -
Spraing	susceptible / 5

Virus - Leaf Roll	- / -
Virus - A	- / -
Virus - X	- / -
Virus - Yn	slightly to not susceptible / 8
Virus - Yntn	- / -

Wart Disease - F1	resistant / 10
Wart Disease - F6	- / -
Wart Disease - F18	- / -

Fertilisation¹

Nitrogen: Standard Advice
Potassium: Standard Advice
Phosphate: Standard Advice

¹ Level of fertilisation is based on soil analysis

Seed Treatment

De-sprouting can have a negative impact on yield and size regularity. Can be planted directly out of the cold store, preferably after a short heat shock.

Planting distance

28/35mm: 22cm (60,500 plants/Ha)
35/55mm: 25cm (54,000 plants/Ha)

Weeds

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

Fungicides

A strict preventative 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 temperatures is 6°C. Suitable for short to medium term storage.

****Seedling: Dutch Only Data, UK Data not yet available****

Say
growth,
say **Agrico.**

Palace.

High yielding maincrop packing and processing variety, suitable to be grown on different soil types.

- Packing and processing market
- High dry matter
- Good virus resistance



General Characteristics

- Breeders rights: 31-12-2049
- Crossing: AR 01-3350 x ADD 93-20902
- Seedling No: AR 08-4241

Market

- Chipping
- Processing
- Packing

Plant and Tuber Characteristics

Average Yield	8
Maturity	Maincrop
Flower Colour	Purple
Foliage - Initial Development	8
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	8
Tuber Shape	Oval
Uniformity of Shape	7
Tuber Number (Score)	6
Uniformity of Size	7
Eye Depth	7

Quality Characteristics

Dormancy	5
Metribuzin	7
Bentazon	-
Ethylene	5% to 15% more tubers / 6

Secondary Growth	6
Growth Cracks	6.5
Black Spot	6
Resistance to Harvest Damage	7.5
Resistance to Bruising	6

Dry Matter Content	22%
Dry Matter Distribution	6

Suitable for Crisping	6
Suitable for Chipping	8
Cooking Type	Floury
Raw Discolouration	5.5
Discolouration after cooking	6

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Palace.

Disease Resistances

PCN - (Ro1)	8
PCN - (Ro2)	8
PCN - (Ro3)	8
PCN - (Ro4)	2
PCN - (Pa2) Pallida	2
PCN - (Pa3) Pallida	2

Late Blight Foliage	5
Late Blight Tuber	6

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	7.5
Black Dot	5
Spraing	5.5
Silver Scurf	-
Fusarium (Dry Rot)	5.5
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	7.5
Virus - Yntn (tuber)	6

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice -15%
Potassium: Standard Advice +25% to influence bruising and harvest damage.
Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 28cm (39,500 plants/Ha)
45/55mm: 32cm (34,500 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Metribuzin (Sencorex) can be used.

Fungicides

Maintain a preventative Blight spraying schedule until all haulm is dead.

Harvest

Ensure skins are fully set prior to harvest.

Storage

Medium dormancy, suitable for long term storage.

Say
growth,
say **Agrico.**

Notes.

Agrico Varieties.

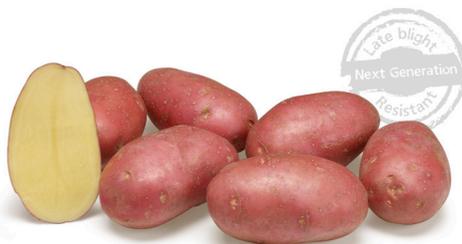
Table Red potatoes.



Alouette.

A maincrop, versatile red skin ware variety with Late Blight resistance in Foliage and Tuber. Suitable for conventional and organic production.

- Excellent eating characteristics
- Blight resistant
- Suitable for conventional and organic production



General Characteristics

- Breeders rights: 31-12-2044
- Crossing: AR 02-139-1 x LAURA
- Seedling No: AR 04-3153

Market

- Table
- Organic

Plant and Tuber Characteristics

Average Yield	7
Maturity	Maincrop
Flower Colour	Light Purple
Foliage - Initial Development	8
Foliage - Final Development	8

Flesh Colour	Yellow
Skin Colour	Red
Skin Finish	7
Tuber Size	7
Tuber Shape	Oval Long
Uniformity of Shape	7
Tuber Number (Score)	6
Uniformity of Size	7
Eye Depth	7

Quality Characteristics

Dormancy	6
Metribuzin	8
Bentazon	7
Ethylene	5% fewer tubers / 4

Secondary Growth	6.5
Growth Cracks	6.5
Black Spot	8
Resistance to Harvest Damage	6
Resistance to Bruising	8

Dry Matter Content	21%
Dry Matter Distribution	-

Suitable for Crisping	-
Suitable for Chipping	-
Cooking Type	Rather Firm
Raw Discolouration	7
Discolouration after cooking	7

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Alouette.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	8
PCN - (Ro3)	8
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	9
Late Blight Tuber	9

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	6.5
Black Dot	7.5
Spraing	5.5
Silver Scurf	6
Fusarium (Dry Rot)	7.5
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	7
Virus - Yn	8
Virus - Yntn (tuber)	7

Wart Disease - F1	10
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice -10%
 Potassium: Standard Advice +20%
 Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 24cm (46,300 plants/Ha)
 45/55mm: 28cm (39,600 plants/Ha)
 Spacing figures for 90cm row width.

Herbicide Sensitivity

Metribuzin (Sencorex) can cause discolouration of the foliage.

Fungicides

Harvest

Allow skins to fully set before harvest.

Storage

Average dormancy and is suitable for medium to long term storage.

Say
 growth,
 say **Agrico.**

Corazon.

Exclusive to

BRANSTON

High yielding red maincrop variety suitable for the prepack market.

- Excellent bright red skin finish
- Suitable for long term storage
- Good virus resistance



General Characteristics

- **Breeders rights: 31-12-2048**
- **Crossing: EVOLUTION x MANITOU**
- **Seedling No: SW-07-1082**

Market

- **Table**

Plant and Tuber Characteristics

Average Yield	7
Maturity	Maincrop
Flower Colour	Light Purple
Foliage - Initial Development	7.5
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Red
Skin Finish	7
Tuber Size	7
Tuber Shape	Oval Long
Uniformity of Shape	7
Tuber Number (Score)	7
Uniformity of Size	6
Eye Depth	-

Quality Characteristics

Dormancy	5.5
Metribuzin	7
Bentazon	7
Ethylene	5% to 15% more tubers / 6

Secondary Growth	6
Growth Cracks	7
Black Spot	7.5
Resistance to Harvest Damage	7
Resistance to Bruising	-

Dry Matter Content	18%
Dry Matter Distribution	-

Suitable for Crisping	4
Suitable for Chipping	5.5
Cooking Type	Rather Firm
Raw Discolouration	-
Discolouration after cooking	6

**Say potato,
say Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Corazon.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	9
PCN - (Ro3)	9
PCN - (Ro4)	9
PCN - (Pa2) Pallida	-
PCN - (Pa3) Pallida	-

Late Blight Foliage	4.5
Late Blight Tuber	6.5

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	4.5
Black Dot	7.5
Spraing	5.5
Silver Scurf	-
Fusarium (Dry Rot)	5.5
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	5.5
Virus - Yntn (tuber)	8.5

Wart Disease - F1	10
Wart Disease - F6	10
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice +10%
Potassium: Standard Advice
Phosphate: Standard Advice

Cultivation

De-sprouting can be done, but not more than once. The best method to have a good tuber set, is proper pre-sprouting after taking off the top sprout before planting.

Plant Spacing

30/50mm: 30cm (37,000 plants/Ha)
50/55mm: 37cm (30,000 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Use of Metribuzin (Sencorex) can give some discolouration of the foliage and seldom a little yield reduction.

Fungicides

A strict preventative spraying schedule against Late Blight is necessary, as Corazon is susceptible.

Harvest

Three to four weeks after haulm killing to allow for skin set.

Storage

Corazon has an average dormancy and is suitable for long term storage at 4°C.

Say
growth,
say **Agrico.**

Manitou.

A high yielding maincrop red variety with excellent eating characteristics and long term storability.

- Excellent taste
- Suitable for long term storage
- Good virus resistance



General Characteristics

- Breeders rights: 31-12-2037
- Crossing: LAURA x MARANCA
- Seedling No: MA 96-0419

Market

- Table

Plant and Tuber Characteristics

Average Yield	8
Maturity	Maincrop
Flower Colour	Purple
Foliage - Initial Development	8
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Red
Skin Finish	7
Tuber Size	8
Tuber Shape	Oval Long
Uniformity of Shape	6.5
Tuber Number (Score)	6
Uniformity of Size	7
Eye Depth	-

Quality Characteristics

Dormancy	7
Metribuzin	4
Bentazon	7
Ethylene	15% to 20% more tubers / 7

Secondary Growth	8
Growth Cracks	6
Black Spot	7.5
Resistance to Harvest Damage	5.5
Resistance to Bruising	8

Dry Matter Content	20%
Dry Matter Distribution	-

Suitable for Crisping	-
Suitable for Chipping	-
Cooking Type	Rather Floury
Raw Discolouration	-
Discolouration after cooking	7

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Manitou.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	9
PCN - (Ro3)	9
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	5
Late Blight Tuber	6

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	6
Black Dot	7
Spraing	7
Silver Scurf	-
Fusarium (Dry Rot)	7
Blackleg	6

Virus - Leaf Roll	-
Virus - A	-
Virus - X	7
Virus - Yn	6.5
Virus - Yntn (tuber)	7

Wart Disease - F1	10
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
 Potassium: Standard Advice +10%
 Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 28cm (39,500 plants/Ha)
 45/55mm: 32cm (34,500 plants/Ha)
 Spacing figures for 90cm row width.

Herbicide Sensitivity

DO NOT USE METRIBUZIN (SENCOREX) AS IT GIVES A SERIOUS FOLIAGE REACTION AND SERIOUS YIELD REDUCTION.

Fungicides

The variety is susceptible to Late Blight, maintain a preventative spraying schedule until all haulm is dead.

Harvest

After desiccation allow sufficient time for skin set, this can take up to four weeks.

Storage

Average dormancy and is suitable for long term storage. Proven to store through to July.

Say
 growth,
 say **Agrico.**

Agostino. (SW 10-1170).

An early maincrop red skin ware variety with Late Blight resistance in foliage and tuber.

- Large Uniform Tubers
- High Yielding
- Suitable for conventional and organic production



General Characteristics

- **Breeders rights:** Pending
- **Crossing:** AR 01-0451 x AR 02-3335
- **Seedling No:** SW 10-1170

Market

- **Table**
- **Organic**

Plant and Tuber Characteristics

Maturity	early maincrop / 5.5
Light sprout colour	red
Flower Colour	light purple
No. of berries	none / 4
Foliage - Initial Development	fast / 8
Foliage - Final Development	good / 8
Foliage - Selectability	average / 6.5
Foliage - Plant Firmness	quite firm / 7.5

Flesh Colour	light yellow / 6.5
Skin Colour	red
Skin Finish	good / 7
Tuber Size	quite large / 7.5
Tuber Shape	oval round
Regularity of tuber Shape	regular / 7
Tuberisation	quite high / 7
Regularity size	quite regular / 6.5

Sensitivity and Quality

Dormancy	quite long / 7
Metribuzin	slightly to not sensitive / 8
Bentazon	- / -
Ethylene	- / -

Secondary Growth	slightly sensitive / 7
Growth Cracks	quite sensitive / 6
Black Spot (internal bruising)	slightly sensitive / 7
Harvest Damage	sensitive / 5.5

Underwater weight	387
Dry Matter Content	21%
Dry Matter Distribution	- / -
TGA - level	-

Crisping Quality	unsuitable / 5
Fries Quality	average / 6
Cooking Type	floury / BC
Raw Discolouration	quite sensitive / 6
Discolouration after cooking	quite sensitive / 6.5

Say potato,
say **Agrico.**

****Seedling: Dutch Only Data, UK Data not yet available****

Agostino. (SW 10-1170).

Resistances

Golden nematode Ro 1/4	- / -
Golden nematode Ro 2/3	- / -
White nematode Pa 2	- / -
White nematode Pa 3	- / -

Late Blight - Foliage	slightly to not susceptible / 8.5
Late Blight - Tuber	slightly to not susceptible / 9

Common Scab	susceptible / 5
Powdery Scab	- / -
Fusarium	slightly susceptible / 6
Erwinia	- / -
Black Dot	- / -
Spraying	susceptible / 5.5

Virus - Leaf Roll	- / -
Virus - A	- / -
Virus - X	- / -
Virus - Yn	susceptible / 5.5
Virus - Yntn	- / -

Wart Disease - F1	resistant* / 10*
Wart Disease - F6	- / -
Wart Disease - F18	- / -

Fertilisation¹

Nitrogen: Standard Advice -20%. Preferably as split application, second treatment shortly after tuberisation.
Potassium: Standard Advice
Phosphate: Standard Advice

¹ Level of fertilisation is based on soil analysis

Seed Treatment

De-sprouting can have a negative impact on yield and size regularity. Can be planted directly out of the cold store, preferably after a short heat shock.

Plant Spacing

28/35mm: 22cm (60,500 plants/ha)
35/55mm: 27cm (50,000 plants/ha)

Weeds

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

Fungicides

Despite the late blight resistance, remain alert for infections.

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 storage.

****Seedling: Dutch Only Data, UK Data not yet available****

Say
growth,
say **Agrico.**

The Next Generation potatoes.



Agrico Varieties.

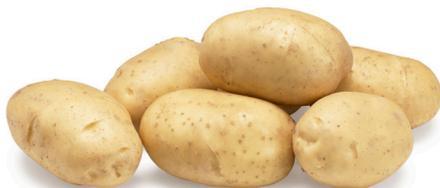
Chipping & Processing potatoes.



Markies.

Maincrop variety with excellent long term storability. Suitable for the chipping, processing, crisping and packing markets.

- Suitable for long term storage
- Stable fry quality
- Suitable for multiple markets



General Characteristics

- **Breeders rights:** 31-12-2029
- **Crossing:** FIANNA x AGRIA
- **Seedling No:** MA 85-0698

Market

- **Chipping**
- **Processing**
- **Crisping**
- **Table**

Plant and Tuber Characteristics

Average Yield	8.5
Maturity	Maincrop
Flower Colour	White
Foliage - Initial Development	7
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	8
Tuber Shape	Oval Long
Uniformity of Shape	7
Tuber Number (Score)	6
Uniformity of Size	7
Eye Depth	-

Quality Characteristics

Dormancy	8
Metribuzin	7
Bentazon	6
Ethylene	5% to 15% more tubers / 6

Secondary Growth	6
Growth Cracks	7
Black Spot	8
Resistance to Harvest Damage	6
Resistance to Bruising	7

Dry Matter Content	23%
Dry Matter Distribution	7.5

Suitable for Crisping	7
Suitable for Chipping	8
Cooking Type	Floury
Raw Discolouration	7
Discolouration after cooking	7

**Say potato,
say Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Markies.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	1
PCN - (Ro3)	1
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	7
Late Blight Tuber	7

Alternaria (Early Blight)	4
Common Scab	5
Powdery Scab	3
Black Dot	-
Spraing	7
Silver Scurf	-
Fusarium (Dry Rot)	8
Blackleg	5

Virus - Leaf Roll	7
Virus - A	8
Virus - X	8
Virus - Yn	7
Virus - Yntn (tuber)	7

Wart Disease - F1	-
Wart Disease - F6	5
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice -25kg/Ha
Potassium: Standard Advice +10%, to reduce bruising at harvest.
Phosphate: Standard Advice

Cultivation

Chitting may advance maturity. It is recommended to apply a seed treatment against Rhizoctonia.

Plant Spacing

35/45mm: 28cm (39,500 plants/Ha)
45/55mm: 34cm (32,500 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Use of Metribuzin (Sencorex) can result in some discolouration of the leaves.

Fungicides

Markies is susceptible to Alternaria (Early Blight) so a preventative treatment is advisable.

Harvest

Wait at least three weeks after haulm destruction.

Storage

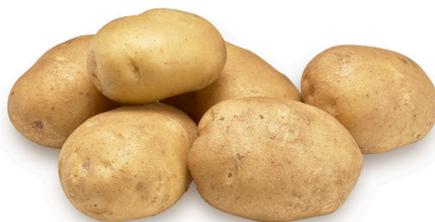
Very good dormancy and stores well through to June.

Say
growth,
say **Agrico.**

Fontane.

A high yielding early maincrop variety, suitable for the processing market.

- Large uniform oval tubers
- High yielding
- High dry matter



General Characteristics

- **Breeders rights:** 31-12-2028
- **Crossing:** AGRIA x AR 76-034-03
- **Seedling No:** SW 87-1140

Market

- **Chipping**
- **Processing**
- **Crisping**
- **Table**

Plant and Tuber Characteristics

Average Yield	8
Maturity	Early Maincrop
Flower Colour	White
Foliage - Initial Development	7
Foliage - Final Development	7

Quality Characteristics

Dormancy	8
Metribuzin	8
Bentazon	6
Ethylene	15% to 25% more tubers / 7

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	6
Tuber Size	7
Tuber Shape	Oval
Uniformity of Shape	7.5
Tuber Number (Score)	7
Uniformity of Size	7
Eye Depth	7

Secondary Growth	8
Growth Cracks	6
Black Spot	6
Resistance to Harvest Damage	6
Resistance to Bruising	6

Dry Matter Content	23%
Dry Matter Distribution	7

Suitable for Crisping	7
Suitable for Chipping	8
Cooking Type	Floury
Raw Discolouration	6
Discolouration after cooking	7

**Say potato,
say Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Fontane.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	1
PCN - (Ro3)	1
PCN - (Ro4)	9
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1

Late Blight Foliage	5
Late Blight Tuber	6

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	6
Black Dot	-
Spraing	7
Silver Scurf	-
Fusarium (Dry Rot)	6
Blackleg	6

Virus - Leaf Roll	6
Virus - A	-
Virus - X	7
Virus - Yn	6
Virus - Yntn (tuber)	7

Wart Disease - F1	6
Wart Disease - F6	8
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice +30%
Potassium: Standard Advice +10%
Phosphate: Standard Advice

Cultivation

It is recommended to apply a seed treatment against Rhizoctonia.

Plant Spacing

35/45mm: 33cm (33,500 plants/Ha)
45/55mm: 40cm (27,500 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Metribuzin (Sencorex) does not affect yield.

Fungicides

It is recommended to apply a seed treatment against Rhizoctonia. Do not allow tuber dry matter to exceed 21% when scheduling haulm killing to prevent discolouration of the prepared product.

Harvest

The variety is susceptible to Late Blight, maintain a preventative spraying schedule until all haulm is dead.

Storage

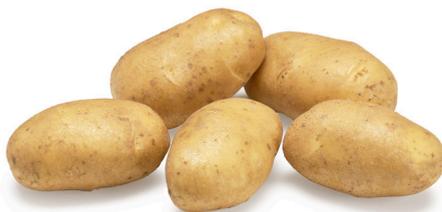
Suitable for medium term storage.

Say
growth,
say **Agrico.**

Babylon.

High yielding, yellow fleshed chipping and processing variety with an attractive skin finish.

- Excellent chipping quality
- Suitable for long term storage
- Good resistance to Virus Y



General Characteristics

- **Breeders rights:** 31-12-2046
- **Crossing:** AGRIA MUTANT
- **Seedling No:** BA 06-0001

Market

- **Chipping**
- **Processing**

Plant and Tuber Characteristics

Average Yield	8
Maturity	Early Maincrop
Flower Colour	White
Foliage - Initial Development	7.5
Foliage - Final Development	7.5

Flesh Colour	Yellow
Skin Colour	Yellow
Skin Finish	6
Tuber Size	8
Tuber Shape	Oval Long
Uniformity of Shape	7
Tuber Number (Score)	6
Uniformity of Size	7
Eye Depth	-

Quality Characteristics

Dormancy	8
Metribuzin	6.5
Bentazon	7
Ethylene	5% to 15% more tubers / 5

Secondary Growth	6.5
Growth Cracks	6
Black Spot	6
Resistance to Harvest Damage	7
Resistance to Bruising	6

Dry Matter Content	21%
Dry Matter Distribution	7

Suitable for Crisping	7
Suitable for Chipping	8
Cooking Type	Floury
Raw Discolouration	7
Discolouration after cooking	7

Say potato,
say **Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Babylon.

Disease Resistances

PCN - (Ro1)	8
PCN - (Ro2)	2
PCN - (Ro3)	2
PCN - (Ro4)	8
PCN - (Pa2) Pallida	3
PCN - (Pa3) Pallida	2

Late Blight Foliage	6
Late Blight Tuber	7

Alternaria (Early Blight)	-
Common Scab	5
Powdery Scab	-
Black Dot	4.5
Spraing	7
Silver Scurf	-
Fusarium (Dry Rot)	7
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	8
Virus - Yntn (tuber)	7

Wart Disease - F1	10
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice	-25kg
Potassium: Standard Advice	+10%
Phosphate: Standard Advice	

Cultivation

Plant Spacing

35/45mm: 30cm (37,000 plants/Ha)
45/55mm: 36cm (31,000 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Metribuzin (Sencorex) can be used.

Fungicides

Maintain a preventative spray program against Late Blight.

Harvest

Wait at least three weeks after haulm killing.

Storage

Has very long dormancy and is suitable for long term storage.

Say
growth,
say **Agrico.**

Lugano.

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

- Dual PCN resistance and tolerance
- Early Maincrop
- Large long oval tubers



General Characteristics

- **Breeders rights:** 31-12-2048
- **Crossing:** AR 00-2211 x AR 99-0669
- **Seedling No:** VO 07-0289

Market

- **Chipping**
- **Processing**

Plant and Tuber Characteristics

Average Yield	7
Maturity	Early Maincrop
Flower Colour	White
Foliage - Initial Development	7
Foliage - Final Development	7

Flesh Colour	Yellow
Skin Colour	Yellow
Skin Finish	6
Tuber Size	8
Tuber Shape	Oval Long
Uniformity of Shape	6.5
Tuber Number (Score)	5
Uniformity of Size	7
Eye Depth	-

Quality Characteristics

Dormancy	8
Metribuzin	8
Bentazon	8
Ethylene	5% to 15% more tubers / 6

Secondary Growth	7
Growth Cracks	6.5
Black Spot	6
Resistance to Harvest Damage	4.5
Resistance to Bruising	6

Dry Matter Content	21%
Dry Matter Distribution	7

Suitable for Crisping	-
Suitable for Chipping	8
Cooking Type	Rather Floury
Raw Discolouration	6
Discolouration after cooking	6.5

**Say potato,
say Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Lugano.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	9
PCN - (Ro3)	9
PCN - (Ro4)	9
PCN - (Pa2) Pallida	9
PCN - (Pa3) Pallida	9

Late Blight Foliage	5
Late Blight Tuber	6

Alternaria (Early Blight)	-
Common Scab	5.5
Powdery Scab	7.5
Black Dot	-
Spraing	6
Silver Scurf	-
Fusarium (Dry Rot)	6
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	6
Virus - Yntn (tuber)	7.5

Wart Disease - F1	10
Wart Disease - F6	9
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
Potassium: Standard Advice +20% to influence bruising and harvest damage.
Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 25cm (44,500 plants/Ha)
45/55mm: 28cm (39,500 plants/Ha)

Herbicide Sensitivity

Metribuzin (Sencorex) can be used.

Fungicides

Maintain a preventative spray program for Foliage Blight.

Harvest

Wait at least three weeks after haulm killing. Care should be taken as variety is sensitive to harvest damage.

Storage

Long dormancy and is suitable for long term storage.

Say
growth,
say **Agrico.**

Palace.

High yielding maincrop packing and processing variety, suitable to be grown on different soil types.

- Packing and processing market
- High dry matter
- Good virus resistance



General Characteristics

- Breeders rights: 31-12-2049
- Crossing: AR 01-3350 x ADD 93-20902
- Seedling No: AR 08-4241

Market

- Chipping
- Processing
- Packing

Plant and Tuber Characteristics

Average Yield	8
Maturity	Maincrop
Flower Colour	Purple
Foliage - Initial Development	8
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7
Tuber Size	8
Tuber Shape	Oval
Uniformity of Shape	7
Tuber Number (Score)	6
Uniformity of Size	7
Eye Depth	7

Quality Characteristics

Dormancy	5
Metribuzin	7
Bentazon	-
Ethylene	5% to 15% more tubers / 6

Secondary Growth	6
Growth Cracks	6.5
Black Spot	6
Resistance to Harvest Damage	7.5
Resistance to Bruising	6

Dry Matter Content	22%
Dry Matter Distribution	6

Suitable for Crisping	6
Suitable for Chipping	8
Cooking Type	Floury
Raw Discolouration	5.5
Discolouration after cooking	6

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Palace.

Disease Resistances

PCN - (Ro1)	8
PCN - (Ro2)	8
PCN - (Ro3)	8
PCN - (Ro4)	2
PCN - (Pa2) Pallida	2
PCN - (Pa3) Pallida	2

Late Blight Foliage	5
Late Blight Tuber	6

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	7.5
Black Dot	5
Spraing	5.5
Silver Scurf	-
Fusarium (Dry Rot)	5.5
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	7.5
Virus - Yntn (tuber)	6

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice -15%
 Potassium: Standard Advice +25% to influence bruising and harvest damage.
 Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 28cm (39,500 plants/Ha)
 45/55mm: 32cm (34,500 plants/Ha)
 Spacing figures for 90cm row width.

Herbicide Sensitivity

Metribuzin (Sencorex) can be used.

Fungicides

Maintain a preventative Blight spraying schedule until all haulm is dead.

Harvest

Ensure skins are fully set prior to harvest.

Storage

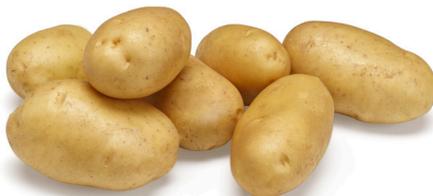
Medium dormancy, suitable for long term storage.

Say
 growth,
 say **Agrico.**

Armedi. (AR 10-2432).

An early maincrop processing variety suitable for the chipping market.

- High yielding
- Suitable for long term storage
- Multiple potato cyst nematodes resistances



General Characteristics

- **Breeders rights:** Pending
- **Crossing:** TOPAS x BASIN RUSSET
- **Seedling No:** AR 10-2432

Market

- **Chipping**
- **Processing**

Plant and Tuber Characteristics

Maturity	early maincrop / 5.5
Light sprout colour	-
Flower Colour	purple
No. of berries	average / 6
Foliage - Initial Development	quite fast / 7
Foliage - Final Development	good / 8
Foliage - Selectability	average / 6.5
Foliage - Plant Firmness	firm / 8
Flesh Colour	light yellow / 6
Skin Colour	yellow
Skin Finish	average / 6
Tuber Size	quite large / 7.5
Tuber Shape	oval long
Regularity of tuber Shape	regular / 7
Tuberisation	average / 6.5
Regularity size	quite regular / 6.5

Sensitivity and Quality

Dormancy	average / 6.5
Metribuzin	very sensitive / 4
Bentazon	- / -
Ethylene	- / -
Secondary Growth	quite sensitive / 6
Growth Cracks	slightly sensitive / 7
Black Spot (internal bruising)	sensitive / 5.5
Harvest Damage	quite sensitive / 6
Underwater weight	402
Dry Matter Content	21.8%
Dry Matter Distribution	average / 6.5
TGA - level	3.3
Crisping Quality	good / 7
Fries Quality	excellent / 8
Cooking Type	floury / C
Raw Discolouration	quite sensitive / 6.5
Discolouration after cooking	slightly sensitive / 7

Say potato,
say **Agrico.**

****Seedling: Dutch Only Data, UK Data not yet available****

Armedi. (AR 10-2432).

Resistances

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

Late Blight - Foliage	very susceptible / 4
Late Blight - Tuber	slightly susceptible / 7.5

Common Scab	susceptible / 5.5
Powdery Scab	- / -
Fusarium	slightly susceptible / 6
Erwinia	- / -
Black Dot	- / -
Spraing	slightly susceptible / 7.5

Virus - Leaf Roll	- / -
Virus - A	- / -
Virus - X	- / -
Virus - Yn	very susceptible / 4.5
Virus - Yntr	- / -

Wart Disease - F1	resistant* / 10*
Wart Disease - F6	- / -
Wart Disease - F18	- / -

Fertilisation¹

Nitrogen: Standard Advice -10%.
Potassium: Standard Advice +25%
Phosphate: Standard Advice

¹ Level of fertilisation is based on soil analysis

Seed Treatment

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

Planting distance

28/35mm: 25cm (55,000 plants/ha)
35/55mm: 34cm (40,000 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 preventative 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.

****Seedling: Dutch Only Data, UK Data not yet available****

Say
growth,
say **Agrico.**

Babylon

Chipping Potatoes



Join the Babylon
Empire

Agrico Varieties.

**Crisping
potatoes.**

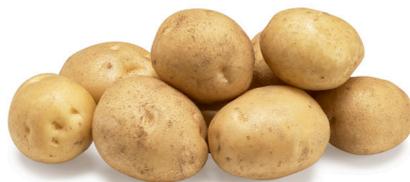


Napoleon

Arsenal.

A high yielding maincrop crisping variety with extensive resistances to potato cyst nematodes.

- Dual PCN resistance and tolerance
- High yielding
- Good virus resistance



General Characteristics

- **Breeders rights:** 31-12-2040
- **Crossing:** AR 92-1146 x SILVESTER
- **Seedling No:** AR 98-0851

Market

- **Crisping**
- **Processing**

Plant and Tuber Characteristics

Average Yield	7
Maturity	Maincrop
Flower Colour	White
Foliage - Initial Development	7
Foliage - Final Development	7

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	5
Tuber Size	7
Tuber Shape	Round Oval
Uniformity of Shape	7
Tuber Number (Score)	7
Uniformity of Size	6.5
Eye Depth	-

Quality Characteristics

Dormancy	7
Metribuzin	7
Bentazon	7.5
Ethylene	not tested / -

Secondary Growth	8
Growth Cracks	6
Black Spot	6
Resistance to Harvest Damage	7
Resistance to Bruising	6

Dry Matter Content	22%
Dry Matter Distribution	7.5

Suitable for Crisping	8
Suitable for Chipping	6.5
Cooking Type	Floury
Raw Discolouration	6.5
Discolouration after cooking	6

Say potato,
say **Agrico.**

Scoring (1= low / poor, 9= high / excellent)

Arsenal.

Disease Resistances

PCN - (Ro1)	9
PCN - (Ro2)	8
PCN - (Ro3)	8
PCN - (Ro4)	9
PCN - (Pa2) Pallida	9
PCN - (Pa3) Pallida	8

Late Blight Foliage	5
Late Blight Tuber	5.5

Alternaria (Early Blight)	6
Common Scab	5
Powdery Scab	8
Black Dot	-
Spraing	7
Silver Scurf	-
Fusarium (Dry Rot)	5
Blackleg	4

Virus - Leaf Roll	-
Virus - A	-
Virus - X	7
Virus - Yn	8
Virus - Yntn (tuber)	6.5

Wart Disease - F1	10
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice -50kg to influence dry matter levels.
 Potassium: Standard Advice +10% to influence tuber numbers. On low Potassium index soils apply Potassium Chloride up to December.
 Applications after this date should be Potassium Sulphate to avoid reducing the tuber dry matter.
 Phosphate: Standard Advice

Cultivation

Chitting is recommended and plant into warm soils. Regular irrigation will improve uniformity of growth, yield performance and prevents growth cracks. It is recommended to apply a seed treatment against Rhizoctonia.

Plant Spacing

30/40mm: 19cm (58,500 plants/Ha)
 40/50mm: 23cm (48,300 plants/Ha)
 50/60mm: 28cm (39,600 plants/Ha)
 Spacing figures for 90cm row width.

Herbicide Sensitivity

Metribuzin (Sencorex) may cause foliage discolouration but, no yield effect has been found.

Fungicides

Arsenal is susceptible to Foliage and Tuber Blight so a preventative spray programme is required.

Storage

Good Dormancy, suitable for medium term storage but it is not uncommon for crops to be processed green top or to be stored through to May.

Say
 growth,
 say **Agrico.**

Beyonce.

A maincrop crisping variety with a good dry matter content, suitable for long term storage and Late Blight resistance for Foliage and Tuber.

- Dual blight resistance
- Long term storage
- High dry matter



General Characteristics

- Breeders rights: 31-12-2049
- Crossing: AR 94-2061 x LADY JO
- Seedling No: AR 08-3271

Market

- Crisping
- Organic

Plant and Tuber Characteristics

Average Yield	7
Maturity	Maincrop
Flower Colour	Purple
Foliage - Initial Development	8
Foliage - Final Development	8

Flesh Colour	Yellow
Skin Colour	Yellow
Skin Finish	5.5
Tuber Size	7
Tuber Shape	Round Oval
Uniformity of Shape	6
Tuber Number (Score)	7
Uniformity of Size	7
Eye Depth	7

Quality Characteristics

Dormancy	8
Metribuzin	7.5
Bentazon	8
Ethylene	5

Secondary Growth	6
Growth Cracks	6.5
Black Spot	7.5
Resistance to Harvest Damage	8
Resistance to Bruising	7

Dry Matter Content	23%
Dry Matter Distribution	6

Suitable for Crisping	8
Suitable for Chipping	7
Cooking Type	Floury
Raw Discolouration	8
Discolouration after cooking	7

Say potato,
say Agrico.

Scoring (1= low / poor, 9= high / excellent)

Beyonce.

Disease Resistances

PCN - (Ro1)	4
PCN - (Ro2)	-
PCN - (Ro3)	-
PCN - (Ro4)	4
PCN - (Pa2) Pallida	-
PCN - (Pa3) Pallida	-

Late Blight Foliage	8
Late Blight Tuber	8

Alternaria (Early Blight)	-
Common Scab	6
Powdery Scab	6
Black Dot	7
Spraing	5
Silver Scurf	-
Fusarium (Dry Rot)	8
Blackleg	-

Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	5.5
Virus - Yntn (tuber)	4

Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

Suggested Fertiliser Treatment

Nitrogen: Standard Advice
Potassium: Standard Advice +25% to reduce bruising and harvest damage.
Phosphate: Standard Advice

Cultivation

Plant Spacing

35/45mm: 21cm (53,000 plants/Ha)
45/55mm: 24cm (46,000 plants/Ha)
Spacing figures for 90cm row width.

Herbicide Sensitivity

Metribuzin (Sencorex) can be used.

Fungicides

Harvest

Storage

Good Dormancy and is suitable for long term storage.

Say
growth,
say **Agrico.**

Napoleon. (AR 10-4637).

Maincrop crisping variety with a good uniformity of size and a high dry matter content.

- Good crisping quality
- Suitable for processing
- Good virus resistances



General Characteristics

- **Breeders rights:** Pending
- **Crossing:** ANTINA x ALICANTE
- **Seedling No:** AR 10-4637

Market

- **Crisping**
- **Processing**

Plant and Tuber Characteristics

Maturity	maincrop / 5
Light sprout colour	red violet
Flower Colour	white
No. of berries	none / 4
Foliage - Initial Development	quite fast / 7
Foliage - Final Development	good / 8
Foliage - Selectability	average / 6.5
Foliage - Plant Firmness	quite firm / 7.5

Flesh Colour	light yellow / 6.5
Skin Colour	yellow
Skin Finish	quite poor / 5
Tuber Size	quite large / 7.5
Tuber Shape	round oval
Regularity of tuber Shape	regular / 7
Tuberisation	average / 6
Regularity size	regular / 7

Sensitivity and Quality

Dormancy	average / 6
Metribuzin	slightly to not sensitive / 8
Bentazon	- / -
Ethylene	- / -

Secondary Growth	quite sensitive / 6.5
Growth Cracks	quite sensitive / 6
Black Spot (internal bruising)	sensitive / 5.5
Harvest Damage	quite sensitive / 6.5

Underwater weight	450
Dry Matter Content	24.1%
Dry Matter Distribution	good / 7
TGA - level	5.5

Crisping Quality	excellent / 8
Fries Quality	good / 7
Cooking Type	floury / BC
Raw Discolouration	quite sensitive / 6
Discolouration after cooking	quite sensitive / 6

Say potato,
say **Agrico.**

****Seedling: Dutch Only Data, UK Data not yet available****

Napoleon. (AR 10-4637).

Resistances

Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	- / -
White nematode Pa 2	susceptible / 4
White nematode Pa 3	- / -

Late Blight - Foliage	slightly susceptible / 6
Late Blight - Tuber	slightly susceptible / 7.5

Common Scab	slightly susceptible / 6
Powdery Scab	- / -
Fusarium	slightly susceptible / 6.5
Erwinia	- / -
Black Dot	- / -
Spraying	very susceptible / 4

Virus - Leaf Roll	- / -
Virus - A	- / -
Virus - X	- / -
Virus - Yn	slightly to not susceptible / 8
Virus - Yntrn	- / -

Wart Disease - F1	moderate susceptible* / 7*
Wart Disease - F6	- / -
Wart Disease - F18	- / -

Fertilisation¹

Nitrogen: Standard Advice +5%
 Potassium: Standard Advice +20%
 Phosphate: Standard Advice

¹ Level of fertilisation is based on soil analysis

Seed Treatment

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

Planting distance

28/35mm: 25cm (54,000 plants/ha)
 35/55mm: 30cm (45,000 plants/ha)
 50/55mm: 40cm (33,000 plants/ha)

Weeds

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

Fungicides

A preventative 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.

****Seedling: Dutch Only Data, UK Data not yet available****

Say
 growth,
 say **Agrico.**



Agrico UK

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