



# Potato Variety Open Days 2022.

**Tuesday 6th September**

**Time:** 9.30am - 4pm

**Wednesday 7th September**

**Time:** 9.30am - 3pm

Hundreds Farm, Crowland,  
Peterborough.

By kind  
permission  
of Crowland  
Fresh Produce  
Limited





# Index

VARIETY	Page No.	VARIETY	Page No.
<b>SALAD</b>		<b>CHIPPING / PROCESSING</b>	
Jacky	10	Markies	38
Chateau	12	Fontane	40
		Babylon	42
<b>TABLE WHITE</b>		<b>Performer</b>	
Severina	16	Lugano	46
Twinner	18	Prince	48
Spectra	20	Palace	50
Twister	22	Armedi	52
Palace	24		
		<b>CRISPING</b>	
<b>TABLE RED</b>		<b>Arsenal</b>	
Alouette	28	Napoleon	58
Manitou	30		
Corazon	32	<b>Observation Plots</b>	
Agostino	34		60

## About Agrico

'Agrico UK Limited' is a specialist developer and supplier of high grade seed potatoes for pre-packers, processors, seed merchants and branded operations worldwide.

Through our sister company 'Agrico Research BV' in Holland, Agrico breed new and innovative potato varieties that are resistant and tolerant to drought, PCN and new strains of fungi as climate change and the reduction in crop protection products divert from established patterns and usage.

Agrico UK choose varieties that cater for the domestic consumer preference, and that grow well in the UK climate. By working with a carefully selected team of growers on a technical level, we then multiply these varieties up to sell seed potatoes commercially to customers in the table, chipping, crisping and processing industries, where we seek to establish lasting supply chain partnerships.

Agrico benefit from being part of the larger global network of Agrico BV, with expertise on a scale suitable for the 21st Century.

### In summary we are:

- A producer of high grade seed potatoes
- A licensee for the production of Agrico potato varieties across the UK
- A leading exporter of seed potatoes in the UK through parent company 'Agrico Holland'
- Contracted to grow over 900Ha of conventional and organic seed
- A supplier of certified Scottish, English and Dutch and French seed, collectively marketing approximately 30,000 tonnes a year

## Our Values

Our aim is 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 and visible. 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 14th April 2022.

## Plants Per Plot & Planting Distances

- Salad varieties: 32 tubers planted at 15cm spacing
- Table & Chipping/Processing varieties: 16 tubers planted at 30cm spacing
- Crisping varieties: 16 tubers planted at 25cm spacing

## Fertiliser Treatment

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

### Pre-Planting

- Omex Suspension
- 100kg/Ha Nitrogen
- 100kg/Ha Phosphate
- 250kg/Ha Potash
- 100kg/Ha Sulphur

### At Planting

- No Seed Treatment
- 100kg/Ha Nitrogen
- 100kg/Ha Phosphate

## Foliar Programme

- 8 anti blight sprays applied.

## Irrigation

5 x 25mm applications

## Soil Type

Black Fenland

## Surrounding Field

Surrounding the Agrico trial plots is Agria, Babylon and Markies

# Market

## Variety

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

## Cooking Type

A = Firm

B = Rather Floury

C = Floury

## Maturity

AB = Quite Firm

BC = Floury

FE = First Early

M = Maincrop

EM = Early Maincrop

LM = Late Maincrop

# Disease Resistance Chart

Variety	Common Scab	Powdery Scab	Blackleg	Spraying	PCN Resistance	PCN Pallida	Tuber Blight	Foliation Blight
Agostino							•	•
Alouette					1, 2, 3 & 4		•	•
Armedi				•	1, 2, 3 & 4	•	•	
Arsenal	•			•	1, 2, 3 & 4	•		
Babylon				•	1 & 4		•	
Chateau					1 & 4			
Corazon					1, 2, 3 & 4			
Fontane				•	1 & 4			
Jacky					1, 2, 3 & 4		•	•
Lugano	•				1, 2, 3 & 4	•		
Manitou				•	1, 2, 3 & 4			
Markies				•	1 & 4		•	•
Napoleon					1 & 4		•	
Palace	•				1, 2 & 3			
Performer	•					2	•	
Prince	•				1 & 4			
Severina	•				1 & 4			
Spectra					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)

**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.

All have Late Blight resistance, high yield potential and great taste. They offer the grower the potential to improve margins by reducing routine preventative spraying and saving input costs. Some UK Jacky crops have been grown without any fungicide applications.

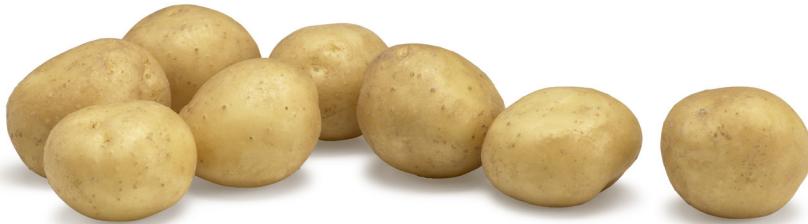
Historically blight resistant varieties did not yield well, this is no longer the case, the “Next Generation” produce yields comparable to other varieties in conventional production.

Previously the old blight resistant varieties could resist disease in the field but were disappointing on the plate. Now the “Next Generation” have great taste and flavour, scoring highly in customers own sensory evaluation panels and in public consumer feedback.

The result of 35 years of plant breeding now gives the potato industry an opportunity to embrace a real change in the production of potatoes. This will require a change of mindset, especially for the grower. It is a truly sustainable story for all markets to promote to their customers and a real benefit for potato production.

Agrico Varieties.

**Salad  
potatoes.**



# Jacky.

Salad



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

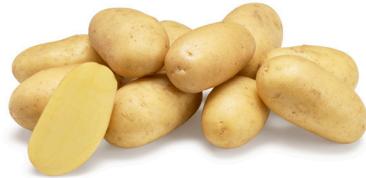
Refrigeration is required for long term storage as the variety has medium dormancy.

Say  
growth,  
say Agrico.

# Chateau.

Salad

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
Sprouting	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

Desprouting 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 and 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.

## UK trial harvest and scoring 2022



Agrico Varieties.

# Table White potatoes.



# Severina.

## Second Early table variety.

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

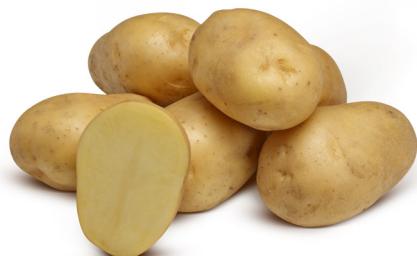


Table White

### 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.

# Spectra.

Early Maincrop ware variety with a regular shape.

- Oval round tubers with a smooth skin
- Pre-pack fraction with a high percentage of bakers
- Pale yellow skin and a light yellow flesh

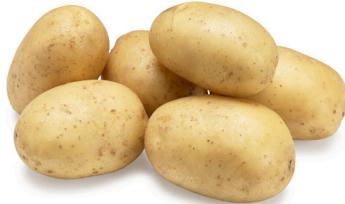


Table White

## General Characteristics

- Breeders rights: 31-12-2046
- Crossing: ARIELLE x SOFIA
- Seedling No: SW 05-1431

## Market

- Table
- Baking

## Plant and Tuber Characteristics

Average Yield	8
Maturity	Early Maincrop
Flower Colour	White
Foliage - Initial Development	8
Foliage - Final Development	8
Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	7.5
Tuber Size	7.5
Tuber Shape	Oval Round
Uniformity of Shape	7.5
Tuber Number (Score)	7
Uniformity of Size	6.5
Eye Depth	7.5

## Quality Characteristics

Dormancy	5
Metribuzin	6.5
Bentazon	8
Ethylene	5% fewer to 5% more tubers / 5
Secondary Growth	6.5
Growth Cracks	6
Black Spot	7
Resistance to Harvest Damage	7.5
Resistance to Bruising	7
Dry Matter Content	18%
Dry Matter Distribution	-
Suitable for Crisping	-
Suitable for Chipping	-
Cooking Type	Quite Firm
Raw Discolouration	4
Discolouration after cooking	6

Say potato,  
say Agrico.

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

# Spectra.

## 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	4.5
Late Blight Tuber	6
 Alternaria (Early Blight)	-
Common Scab	5
Powdery Scab	4
Black Dot	5
Spraing	5
Silver Scurf	-
Fusarium (Dry Rot)	5.5
Blackleg	-
 Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	6
Virus - Yntn (tuber)	7
 Wart Disease - F1	10
Wart Disease - F6	10
Wart Disease - F18	-

Say growth,  
say Agrico.

## Suggested Fertiliser Treatment

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

## Cultivation

Planting needs to be slightly deeper than standard to minimise tuber greening.  
 The canopy has an open growth habit, consider ridge rolling after desiccation.

## Plant Spacing

35/45mm: 35cm (31,500 plants/Ha)  
 45/55mm: 38cm (29,000 plants/Ha)  
 Spacing figures for 90cm row width.

## Hericide Sensitivity

Metribuzin (Sencorex) may be used for weed control.

## Fungicides

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

## Harvest

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

## Storage

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

# 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



Table White

## 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.

# 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



Table White

## 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.

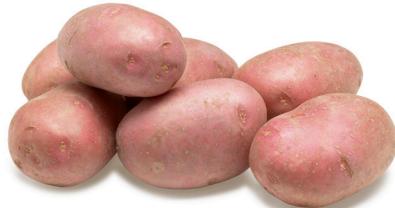
# Table Red potatoes.



# 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
Spraign	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.**

# 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.

Table Red

# Corazon.

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
Sprouting	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

Desprouting 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: small 30cm (37,000 plants/Ha)  
 50/55mm: large 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.

Table Red

# 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	- / -

## Fertilisation<sup>1</sup>

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

Potassium: Standard Advice

Phosphate: Standard Advice

<sup>1</sup> Level of fertilisation is based on soil analysis

## Seed Treatment

Desprouting 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.**

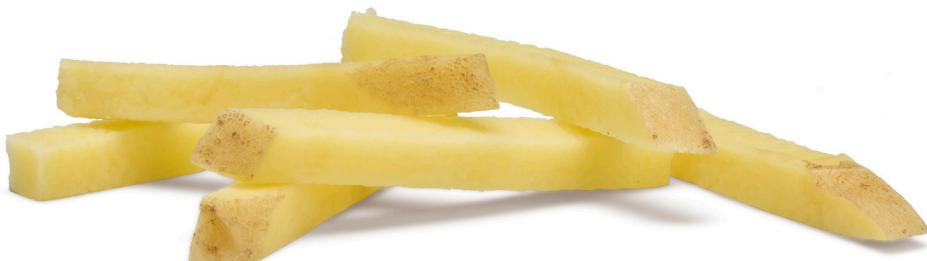
Table Red

# 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.

# 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	-
Sprouting	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

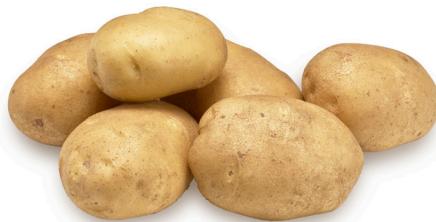
Very good dormancy and stores well through to June.

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
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

## Quality Characteristics

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

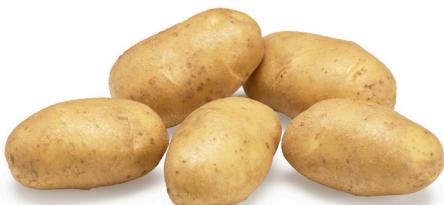
Suitable for medium term storage.

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.**

Processing

# Performer.

A PCN Pallida resistant processing and chipping variety.

- PCN Pallida resistant and tolerant
- Large long oval tubers
- High dry matter



## General Characteristics

- Breeders rights: 31/12/2043
- Crossing: NIKA x INNOVATOR
- Seedling No: AR 00-0799

## Market

- Chipping
- Processing
- Baking

## Plant and Tuber Characteristics

Average Yield	6.5
Maturity	Maincrop
Flower Colour	White
Foliage - Initial Development	8
Foliage - Final Development	8

Flesh Colour	Light Yellow
Skin Colour	Yellow
Skin Finish	6
Tuber Size	8
Tuber Shape	Oval Long
Uniformity of Shape	7
Tuber Number (Score)	4
Uniformity of Size	7
Eye Depth	-

## Quality Characteristics

Dormancy	8
Metribuzin	4
Bentazon	-
Ethylene	-
Secondary Growth	7
Growth Cracks	7
Black Spot	7
Resistance to Harvest Damage	6.5
Resistance to Bruising	7
Dry Matter Content	22%
Dry Matter Distribution	7
Suitable for Crisping	6
Suitable for Chipping	8
Cooking Type	Floury
Raw Discolouration	7
Discolouration after cooking	6

Say potato,  
say Agrico.

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

# Performer.

## Disease Resistances

PCN - (Ro1)	4
PCN - (Ro2)	4
PCN - (Ro3)	4
PCN - (Ro4)	4
PCN - (Pa2) Pallida	9
PCN - (Pa3) Pallida	6
Late Blight Foliage	5
Late Blight Tuber	8
Alternaria (Early Blight)	-
Common Scab	5
Powdery Scab	7
Black Dot	6
Sprouting	6
Silver Scurf	-
Fusarium (Dry Rot)	7
Blackleg	5
Virus - Leaf Roll	-
Virus - A	-
Virus - X	6
Virus - Yn	8
Virus - Yntn (tuber)	7
Wart Disease - F1	-
Wart Disease - F6	-
Wart Disease - F18	-

## Suggested Fertiliser Treatment

Nitrogen: Standard Advice -25kg. Applied as a split application. The second application at tuber initiation can influence tuber numbers.  
Potassium: Standard Advice  
Phosphate: Standard Advice

## Cultivation

## Plant Spacing

35/50mm: 25cm (44,400 plants/Ha)  
50/60mm: 32cm (34,700 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

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

## Harvest

## Storage

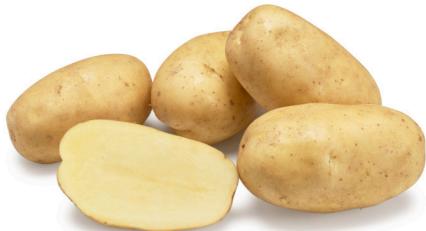
Long dormancy suitable for medium to long term storage.

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

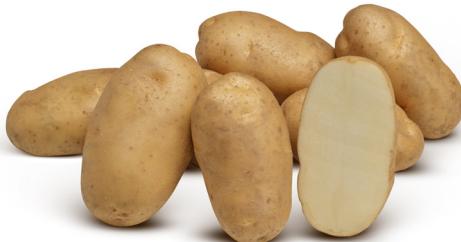
Long dormancy and is suitable for long term storage.

Say growth,  
say Agrico.

# Prince.

A white fleshed processing variety with an excellent yield and suitable for the French fries industries.

- High yielding
- Good frying quality
- Suitable for long term storage



## General Characteristics

- Breeders rights: 31-12-2049
- Crossing: ARG 96-0738 x SW 98-2723
- Seedling No: SW 08-1984

## Market

- Chipping
- Processing

## Plant and Tuber Characteristics

Average Yield	7
Maturity	Maincrop
Flower Colour	Light Purple
Foliage - Initial Development	6
Foliage - Final Development	8

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

## Quality Characteristics

Dormancy	8.5
Metribuzin	8
Bentazon	-
Ethylene	5% fewer tubers / 4
Secondary Growth	6.5
Growth Cracks	7
Black Spot	6
Resistance to Harvest Damage	5
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	6.5

Say potato,  
say Agrico.

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

# Prince.

## Disease Resistances

PCN - (Ro1)	7
PCN - (Ro2)	-
PCN - (Ro3)	-
PCN - (Ro4)	7
PCN - (Pa2) Pallida	1
PCN - (Pa3) Pallida	1
Late Blight Foliage	5
Late Blight Tuber	6
Alternaria (Early Blight)	-
Common Scab	4.5
Powdery Scab	7
Black Dot	8
Spraying	6.5
Silver Scurf	-
Fusarium (Dry Rot)	7
Blackleg	-
Virus - Leaf Roll	-
Virus - A	-
Virus - X	-
Virus - Yn	5
Virus - Yntn (tuber)	8.5
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: 26cm (42,500 plants/Ha)  
45/55mm: 30cm (37,000 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

### Storage

Long dormancy. Frying quality is good after long term storage.

Say  
growth,  
say Agrico.

Processing

# 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.

# 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.

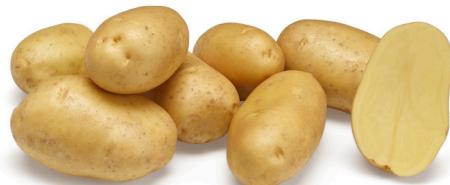
Say  
growth,  
say **Agrico.**

# 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<sup>®</sup> (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	- / -
Spraign	Slightly Susceptible / 7.5
Virus - Leaf Roll	- / -
Virus - A	- / -
Virus - X	- / -
Virus - Yn	Very Susceptible / 4.5
Virus - Yntn	- / -
Wart Disease - F1	Resistant* / 10*
Wart Disease - F6	- / -
Wart Disease - F18	- / -

## Fertilisation<sup>1</sup>

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

1 Level of fertilisation is based on soil analysis

## Seed Treatment

Desprouting 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.

Say  
growth,  
say Agrico.

Processing

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

# Notes.

Agrico Varieties.

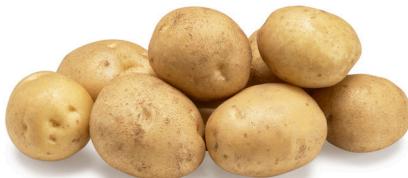
Crisping  
potatoes.



# 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

Crisping

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	-
Spraying	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.**

Crisping

# 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 - Yntn	- / -
Wart Disease - F1	Moderate susceptible* / 7*
Wart Disease - F6	- / -
Wart Disease - F18	- / -

## Fertilisation<sup>1</sup>

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

<sup>1</sup> 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.**

Crisping

# Observation Plots.



## Grace (AR 11-0965)

**Market Outlet:** Table white with PCN Pallida resistance

**Parentage:** AR 04-3730 x AR 04-3680

**Maturity:** Maincrop

## Ardeche

**Market Outlet:** High Dry Matter processing variety for starch production. PCN Pallida and Rostochiensis resistance and Late Blight resistant.

**Parentage:** STAYER x AR 02-2139

**Maturity:** Maincrop

**NOTE:** These new seedling varieties are still in our evaluation process. For this reason information is limited. It may be some time before they are commercially available, with the possibility of being discontinued at the discretion of Agrico.

Agrico has taken all reasonable care in producing this booklet. 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 out of or related to the information contained within this booklet.

Say varieties  
say

Agrico.

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