

2025
2026

Variety Booklet

Say potato,
say **Agrico.**



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Say potato, say **Agrico.**

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

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. Agrico has 50 years' experience as a breeder and supplier in the potato industry.

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 markets. Our Next Generation portfolio offers varieties that facilitate a reduction in agronomic inputs, better crop protection and contribute to sustainability and food security.

About Trial Plots

Planting Date

- ▶ All varieties were planted on Tuesday 8th April, 2025.

Plants Per Plot and 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:-

- ▶ 226kg/ha Nitrogen including 7t/ha poultry manure pre-planting.

Crop Protection

- ▶ 12 anti-blight sprays applied

Irrigation

















- ▶ 12 x 15mm of water applied by boom irrigator

Soil Type

- ▶ Limestone Brash
- ▶ pH: 7.85
- ▶ Soil Index: P2, K3 and Mg is 2
- ▶ Previous Crop: Spring Barley

Market

Variety

	skin Colour	Maturity	Cooking Type	Table	Salad	Baking	Chipping	Crisping	Processing	Organic
Armedi *		EM	C				•		•	
Arsenal		M	BC					•	•	
Babylon		EM	BC				•		•	
Chester *		EM	C					•	•	
Corazon		M	AB	•						
Fontane		EM	BC	•			•	•	•	
Jacky		FE	B		•					•
Jolene *		EM	B	•						
Leonore *		E	BC				•		•	
Lugano		EM	B				•		•	
Manitou		M	B	•						
Markies		M	BC	•			•	•	•	
Napoleon *		M	BC					•	•	
Rosalyn *		SE	AB	•						
Sidney *		EM	B				•		•	
Twister		M	AB	•		•				•

Cooking Type

A = Firm
B = Rather Floury
C = Floury

AB = Quite Firm
BC = Floury

Maturity

FE = First Early
EM = Early Maincrop
LM = Late Maincrop
 * Dutch Data

SE = Second Early
M = Maincrop
E = Early

Disease Resistance Chart

Variety	Common Scab	Powdery Scab	Blackleg	Spraying	PCN Resistance	PCN Pallida	Tuber Blight	Foliage Blight
Armedi *				•	1, 2, 3 & 4	•	•	
Arsenal		•		•	1, 2, 3 & 4	•		
Babylon				•	1 & 4		•	
Chester *						•		
Corazon					1, 2, 3 & 4			
Fontane				•	1 & 4			
Jacky					1, 2, 3 & 4		•	•
Jolene *								
Leonore *					1 & 4			
Lugano		•			1, 2, 3 & 4	•		
Manitou				•	1, 2, 3 & 4			
Markies				•	1 & 4		•	•
Napoleon *					1 & 4			
Rosalyn *					1 & 4	•		
Sidney *				•	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.

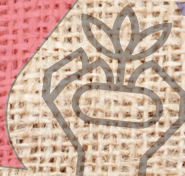
Varieties for a sustainable future, worldwide.

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.



Salad Potatoes.



Jacky

Jacky.



Salad



Organic

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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: 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: 20cm (83,325 plants/Ha) for 3 rows in a 1.8m bed.

40/50mm: 22cm (75,750 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 potato,
say **Agrico.**



Disease Resistances

PCN - (Ro1)	9	Spraing	6.5
PCN - (Ro2)	9	Silver Scurf	-
PCN - (Ro3)	9	Fusarium (Dry Rot)	5.5
PCN - (Ro4)	9	Blackleg	-
PCN - (Pa2) Pallida	1	Virus - Leaf Roll	-
PCN - (Pa3) Pallida	1	Virus - A	-
Late Blight Foliage	9	Virus - X	-
Late Blight Tuber	9	Virus - Yn	5
		Virus - Yntn (tuber)	8
Alternaria (Early Blight)	-		
Common Scab	5.5	Wart Disease - F1	-
Powdery Scab	2	Wart Disease - F6	-
Black Dot	6	Wart Disease - F18	-



Notes.

Table White Potatoes.



Twister

Twister.

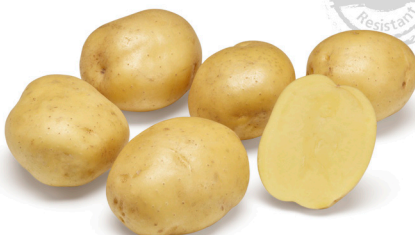


Table



Organic

Maincrop table variety with excellent foliage and tuber blight resistance.



- ▶ **Round oval tubers with yellow skin and flesh colour**
- ▶ **Good tuber numbers with uniform shape, baker size and bright skin finish**
- ▶ **Robust and consistent performing variety in all locations**

General Characteristics

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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice +50kg/Ha.

Phosphate: standard advice.

Potassium: standard advice.

Cultivation

Plant in to warm soil. Regular irrigation will improve uniformity of growth, quality and yield performance.

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).

Fungicides

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 potato,
say **Agrico.**



Disease Resistances

PCN - (Ro1)	9	Spraing	6
PCN - (Ro2)	1	Silver Scurf	-
PCN - (Ro3)	1	Fusarium (Dry Rot)	5
PCN - (Ro4)	9	Blackleg	-
PCN - (Pa2) Pallida	1		
PCN - (Pa3) Pallida	1	Virus - Leaf Roll	-
		Virus - A	-
Late Blight Foliage	9	Virus - X	-
Late Blight Tuber	9	Virus - Yn	8
		Virus - Yntn (tuber)	8
Alternaria (Early Blight)	-		
Common Scab	6	Wart Disease - F1	-
Powdery Scab	5	Wart Disease - F6	-
Black Dot	7	Wart Disease - F18	-



Dual Purpose Potatoes.



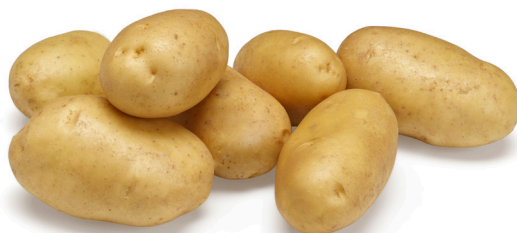
Jolene

Armedi.



Processing
French fries

An early maincrop processing variety suitable for the French fries industry.



- ▶▶ Good tuberisation
- ▶▶ Suitable for long term storage
- ▶▶ Multiple potato cyst nematodes resistances

General characteristics

Breeder	Agrico Research B.V.
Crossing	TOPAS x BASIN RUSSET
Breedersright	31-12-2051
Seedling	AR 10-2432

Plant and tuber characteristics

Maturity	early maincrop / 5.5
Light sprout colour	- / -
Flower colour	purple / P
Number of berries	average / 6
Foliage - initial development	quite fast / 7
Foliage - final development	good / 8
Foliage - firmness	firm / 8
Skin colour	yellow / Y
Flesh colour	light yellow / 6
Skin finish	average / 6
Tuber shape	oval long / OL
Regularity of tuber shape	regular / 7
Tuberisation	average / 6.5
Tuber size	quite large / 7.5
Regularity of size	quite regular / 6.5
Dormancy	average / 6.5

Sensitivity and quality

Secondary growth	quite sensitive / 6
Black spot (internal bruising)	quite sensitive / 6.5
Growth cracks	slightly sensitive / 7
Harvest damage	quite sensitive / 6
Metribuzin pre-emergence	very sensitive / 3
Metribuzin post-emergence	very sensitive / 3
Bentazon	- / -
Ethylene	5% fewer to 5% more tubers / 5
Underwater weight	402
Dry matter content	21.8%
Cooking Type	floury / C
Discolouration (after cooking)	slightly sensitive / 7
Raw discolouration	quite sensitive / 6.5
Fries quality	excellent / 8
Dry matter distribution	average / 6.5
Crisping quality	good / 7
TGA-level	6.0

HOW TO GROW

Fertilisation¹

Nitrogen: standard advice -10%.

Phosphate: standard advice.

Potassium: standard advice +25%.

¹ Level of fertilisation is based on soil analysis

Seed Treatment

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

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.

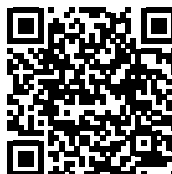
Harvest

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 potato,
say **Agrico.**



Resistances

Virus - Leaf roll	- / -
Virus - Yn	very susceptible / 4.5
Virus - Yntn (tuber)	- / -
Spraing	slightly susceptible / 7.5
Late Blight - foliage	very susceptible / 4
Late Blight - Tuber	slightly susceptible / 7.5
Fusarium	slightly susceptible / 6
Common Scab	susceptible / 5.5

Powdery Scab	susceptible / 5.5
Black Dot	susceptible / 5.5
Wart Disease - F1	slightly susceptible / 9
Wart Disease - F6	- / -
Wart Disease - F18	- / -
Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	field resistant / 7
White nematode Pa 2	resistant / 9
White nematode Pa 3	field resistant / 8

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

Jolene.

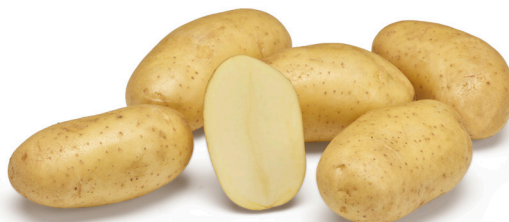


Traditional



Retail
Fresh

An early maincrop variety with a good skin finish and suitable for home frying.



- ▶▶ Light yellow flesh colour
- ▶▶ Suitable for different dishes
- ▶▶ Good dry matter content

General characteristics

Breeder	Agrico Research B.V.
Crossing	SAGITTA x AR 03-1491
Breedersright	31-12-2050
Seedling	AR 09-2556

Plant and tuber characteristics

Maturity	early maincrop / 6
Light sprout colour	red / R
Flower colour	white / W
Number of berries	below average / 7
Foliage - initial development	quite fast / 7.5
Foliage - final development	good / 8
Foliage - firmness	quite firm / 7.5
Skin colour	yellow / Y
Flesh colour	light yellow / 6
Skin finish	good / 7
Tuber shape	oval long / OL
Regularity of tuber shape	regular / 7
Tuberisation	quite high / 7
Tuber size	quite large / 7.5
Regularity of size	regular / 7
Dormancy	average / 6

Sensitivity and quality

Secondary growth	slightly sensitive / 7
Black spot (internal bruising)	slightly sensitive / 7
Growth cracks	slightly sensitive / 7
Harvest damage	quite sensitive / 6
Metribuzin pre-emergence	quite sensitive / 6.5
Metribuzin post-emergence	slightly to not sensitive / 8
Bentazon	- / -
Ethylene	15% to 25% more tubers / 7
Underwater weight	389
Dry matter content	21.1%
Cooking Type	rather floury / B
Discolouration (after cooking)	quite sensitive / 6.5
Raw discolouration	slightly sensitive / 7
Fries quality	good / 7
Dry matter distribution	- / -
Crisping quality	unsuitable / 5
TGA-level	-

HOW TO GROW

Fertilisation¹

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: standard advice +10%.

¹ Level of fertilisation is based on soil analysis

Seed Treatment

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

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

Say potato,
say **Agrico.**



Resistances

Virus - Leaf roll	- / -
Virus - Yn	slightly to not susceptible / 8
Virus - Yntn (tuber)	slightly to not susceptible / 8
Spraing	slightly susceptible / 6
Late Blight - foliage	very susceptible / 4
Late Blight - Tuber	susceptible / 5
Fusarium	slightly susceptible / 6
Common Scab	slightly susceptible / 6

Powdery Scab	slightly susceptible / 6.5
Black Dot	slightly susceptible / 7.5
Wart Disease - F1	- / -
Wart Disease - F6	- / -
Wart Disease - F18	- / -
Golden nematode Ro 1/4	- / -
Golden nematode Ro 2/3	- / -
White nematode Pa 2	- / -
White nematode Pa 3	- / -

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



Sustainable Growth Starts with Agrico

Grow with confidence using Agrico's PCN-resistant potato varieties - special selected to tackle nematode pressure while delivering high, marketable yields across fresh, processing, and crisping sectors. With robust resistance to *G. pallida* and *G. rostochiensis*, Agrico's genetics protect your soil, reduce input costs, and unlock consistent performance for every market. It's sustainable farming with profitable results.

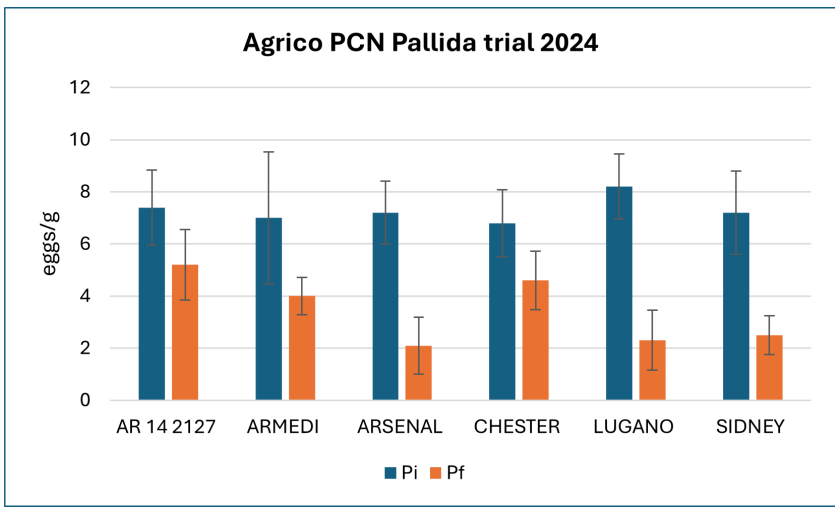


Table Red Potatoes.



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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: standard advice +10%.

Cultivation

Plant in to warm soil. Consider ethylene treatment to positively influence tuber numbers.

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 potato,
say **Agrico.**



Disease Resistances

PCN - (Ro1)	9	Spraing	7
PCN - (Ro2)	9	Silver Scurf	-
PCN - (Ro3)	9	Fusarium (Dry Rot)	7
PCN - (Ro4)	9	Blackleg	6
PCN - (Pa2) Pallida	1		
PCN - (Pa3) Pallida	1	Virus - Leaf Roll	-
		Virus - A	-
Late Blight Foliage	5	Virus - X	7
Late Blight Tuber	6	Virus - Yn	6.5
		Virus - Yntn (tuber)	7
Alternaria (Early Blight)	-		
Common Scab	6	Wart Disease - F1	10
Powdery Scab	6	Wart Disease - F6	-
Black Dot	7	Wart Disease - F18	-

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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice +10%.

Phosphate: standard advice.

Potassium: 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 potato,
say **Agrico.**



Disease Resistances

PCN - (Ro1)	9	Spraing	5.5
PCN - (Ro2)	9	Silver Scurf	-
PCN - (Ro3)	9	Fusarium (Dry Rot)	5.5
PCN - (Ro4)	9	Blackleg	-
PCN - (Pa2) Pallida	-		
PCN - (Pa3) Pallida	-		
Late Blight Foliage	4.5	Virus - Leaf Roll	-
Late Blight Tuber	6.5	Virus - A	-
		Virus - X	-
		Virus - Yn	5.5
		Virus - Yntn (tuber)	8.5
Alternaria (Early Blight)	-		
Common Scab	6	Wart Disease - F1	10
Powdery Scab	4.5	Wart Disease - F6	10
Black Dot	7.5	Wart Disease - F18	-

Rosalyn.



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

- ▶ Early a good yield
- ▶ G. pallida and wart disease resistances
- ▶ Good scab resistance



General characteristics

Breeder	L. Hermus & A.J. van der Linden
Crossing	AR 05-1073 x EVOLUTION
Breeders' right	Pending
Seedling	HL 12-0801

Plant and tuber characteristics

Maturity	7
Light sprout colour	-
Flower colour	P
Number of berries	6.5
Foliage - initial development	8
Foliage - final development	8
Foliage - firmness	7
Skin colour	R
Flesh colour	6
Skin finish	6.5
Tuber shape	OL
Regularity of tuber shape	6.5
Tuberisation	7
Tuber size	7.5
Regularity of size	7
Dormancy	6

Sensitivity and quality

Secondary growth	6.5
Black spot (internal bruising)	8
Growth cracks	7
Harvest damage	-
Metribuzin pre-emergence	7
Metribuzin post-emergence	7.5
Bentazon	-
Ethylene	-
Underwater weight	327
Dry matter content	18.1%
Cooking Type	AB
Discolouration (after cooking)	-
Raw discolouration	-
Fries quality	5
Dry matter distribution	-
Crisping quality	-
TGA-level	-

HOW TO GROW

Fertilisation

Nitrogen: -
Phosphate: -
Potassium: -

Weeds

Fungicides

Seed Treatment

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

Harvest

Planting distance

Storage

Say potato,
say **Agrico.**



Resistances

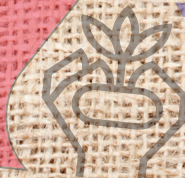
Virus - Leaf roll	-	Powdery Scab	-
Virus - Yn	5	Black Dot	-
Virus - Yntn (tuber)	-	Wart Disease - F1	10
Spraing	6	Wart Disease - F6	10
Late Blight - foliage	3	Wart Disease - F18	-
Late Blight - Tuber	6	Golden nematode Ro 1/4	9
Fusarium	5.5	Golden nematode Ro 2/3	4
Common Scab	6.5	White nematode Pa 2	9
		White nematode Pa 3	8

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



Notes.

Processing Potatoes.



Lugano

Markies.



Table



Processing

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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice -25kg/Ha.

Phosphate: standard advice.

Potassium: standard advice +10%, to reduce bruising at harvest.

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 potato,
say **Agrico.**



Disease Resistances

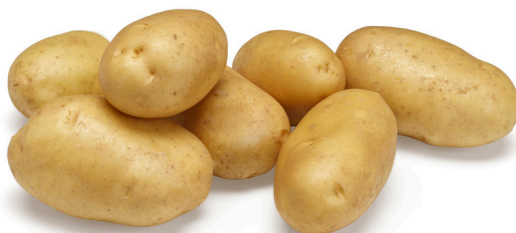
PCN - (Ro1)	9	Spraing	7
PCN - (Ro2)	1	Silver Scurf	-
PCN - (Ro3)	1	Fusarium (Dry Rot)	8
PCN - (Ro4)	9	Blackleg	5
PCN - (Pa2) Pallida	1		
PCN - (Pa3) Pallida	1	Virus - Leaf Roll	7
		Virus - A	8
Late Blight Foliage	7	Virus - X	8
Late Blight Tuber	7	Virus - Yn	7
		Virus - Yntn (tuber)	7
Alternaria (Early Blight)	4		
Common Scab	5	Wart Disease - F1	-
Powdery Scab	3	Wart Disease - F6	5
Black Dot	-	Wart Disease - F18	-

Armedi.



Processing
French fries

An early maincrop processing variety suitable for the French fries industry.



- ▶▶ Good tuberisation
- ▶▶ Suitable for long term storage
- ▶▶ Multiple potato cyst nematodes resistances

General characteristics

Breeder	Agrico Research B.V.
Crossing	TOPAS x BASIN RUSSET
Breedersright	31-12-2051
Seedling	AR 10-2432

Plant and tuber characteristics

Maturity	early maincrop / 5.5
Light sprout colour	- / -
Flower colour	purple / P
Number of berries	average / 6
Foliage - initial development	quite fast / 7
Foliage - final development	good / 8
Foliage - firmness	firm / 8
Skin colour	yellow / Y
Flesh colour	light yellow / 6
Skin finish	average / 6
Tuber shape	oval long / OL
Regularity of tuber shape	regular / 7
Tuberisation	average / 6.5
Tuber size	quite large / 7.5
Regularity of size	quite regular / 6.5
Dormancy	average / 6.5

Sensitivity and quality

Secondary growth	quite sensitive / 6
Black spot (internal bruising)	quite sensitive / 6.5
Growth cracks	slightly sensitive / 7
Harvest damage	quite sensitive / 6
Metribuzin pre-emergence	very sensitive / 3
Metribuzin post-emergence	very sensitive / 3
Bentazon	- / -
Ethylene	5% fewer to 5% more tubers / 5
Underwater weight	402
Dry matter content	21.8%
Cooking Type	floury / C
Discolouration (after cooking)	slightly sensitive / 7
Raw discolouration	quite sensitive / 6.5
Fries quality	excellent / 8
Dry matter distribution	average / 6.5
Crisping quality	good / 7
TGA-level	6.0

HOW TO GROW

Fertilisation¹

Nitrogen: standard advice -10%.

Phosphate: standard advice.

Potassium: standard advice +25%.

¹ Level of fertilisation is based on soil analysis

Seed Treatment

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

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.

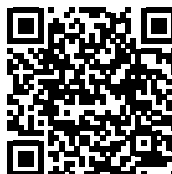
Harvest

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 potato,
say **Agrico.**



Resistances

Virus - Leaf roll	- / -
Virus - Yn	very susceptible / 4.5
Virus - Yntn (tuber)	- / -
Spraing	slightly susceptible / 7.5
Late Blight - foliage	very susceptible / 4
Late Blight - Tuber	slightly susceptible / 7.5
Fusarium	slightly susceptible / 6
Common Scab	susceptible / 5.5

Powdery Scab	susceptible / 5.5
Black Dot	susceptible / 5.5
Wart Disease - F1	slightly susceptible / 9
Wart Disease - F6	- / -
Wart Disease - F18	- / -
Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	field resistant / 7
White nematode Pa 2	resistant / 9
White nematode Pa 3	field resistant / 8

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

Fontane.

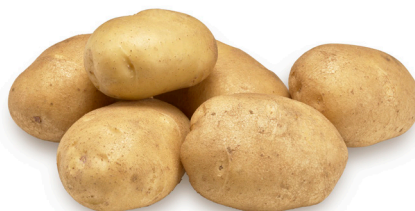


Table



Processing

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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice +30%.

Phosphate: standard advice.

Potassium: standard advice +10%.

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 20% 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 potato,
say **Agrico.**



Disease Resistances

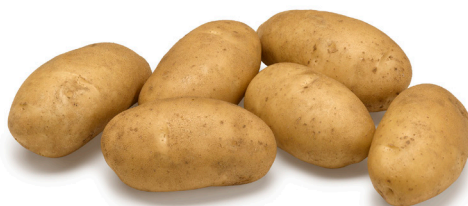
PCN - (Ro1)	9	Spraing	7
PCN - (Ro2)	1	Silver Scurf	-
PCN - (Ro3)	1	Fusarium (Dry Rot)	6
PCN - (Ro4)	9	Blackleg	6
PCN - (Pa2) Pallida	1		
PCN - (Pa3) Pallida	1	Virus - Leaf Roll	6
		Virus - A	-
Late Blight Foliage	5	Virus - X	7
Late Blight Tuber	6	Virus - Yn	6
		Virus - Yntn (tuber)	7
Alternaria (Early Blight)	-		
Common Scab	6	Wart Disease - F1	6
Powdery Scab	6	Wart Disease - F6	8
Black Dot	-	Wart Disease - F18	-

Sidney.



Processing
French fries

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



- ▶▶ Big sized tubers
- ▶▶ Good virus resistances
- ▶▶ Good dormancy

General characteristics

Breeder	Agrico Research B.V.
Crossing	LADY ANNA x AR 05-3392
Breedersright	Pending
Seedling	AR 12-1680

Plant and tuber characteristics

Maturity	early maincrop / 6
Light sprout colour	- / -
Flower colour	white / W
Number of berries	- / -
Foliage - initial development	quite fast / 7
Foliage - final development	quite good / 7.5
Foliage - firmness	quite firm / 7.5
Skin colour	yellow / Y
Flesh colour	white / 4.5
Skin finish	quite poor / 5
Tuber shape	long oval / LO
Regularity of tuber shape	quite regular / 6.5
Tuberisation	average / 6
Tuber size	quite large / 7.5
Regularity of size	quite regular / 6.5
Dormancy	average / 6.5

Sensitivity and quality

Secondary growth	quite sensitive / 6.5
Black spot (internal bruising)	slightly sensitive / 7.5
Growth cracks	sensitive / 5.5
Harvest damage	slightly sensitive / 7
Metribuzin pre-emergence	quite sensitive / 6.5
Metribuzin post-emergence	quite sensitive / 6.5
Bentazon	- / -
Ethylene	5% fewer to 5% more tubers / 5
Underwater weight	396
Dry matter content	21.5%
Cooking Type	rather floury / B
Discolouration (after cooking)	slightly sensitive / 7
Raw discolouration	slightly sensitive / 7.5
Fries quality	above average / 6.5
Dry matter distribution	excellent / 8.5
Crisping quality	- / -
TGA-level	5.5

HOW TO GROW

Fertilisation¹

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: 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.

Planting distance

28/35mm: 27cm (50,000 plants/Ha)

35/55mm: 33cm (40,000 plants/Ha)

50/55mm: 40cm (33,000 plants/Ha)

Weeds

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

Fungicides

A strict 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

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

Say potato,
say **Agrico.**



Resistances

Virus - Leaf roll	- / -
Virus - Yn	slightly to not susceptible / 8
Virus - Yntn (tuber)	- / -
Spraing	slightly to not susceptible / 8
Late Blight - foliage	very susceptible / 4
Late Blight - Tuber	slightly to not susceptible / 8
Fusarium	slightly susceptible / 6
Common Scab	susceptible / 5.5

Powdery Scab	- / -
Black Dot	- / -
Wart Disease - F1	very susceptible* / 1*
Wart Disease - F6	very susceptible* / 1*
Wart Disease - F18	very susceptible* / 1*
Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	susceptible / 4
White nematode Pa 2	field resistant / 8
White nematode Pa 3	moderately susceptible / 6

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

Lugano.



Processing

An early maincrop, yellow fleshed 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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: standard advice +20% to influence bruising and harvest damage.

Cultivation

Consider ethylene treated seed to positively influence tuber numbers.

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 potato,
say **Agrico.**



Disease Resistances

PCN - (Ro1)	9	Spraing	6
PCN - (Ro2)	9	Silver Scurf	-
PCN - (Ro3)	9	Fusarium (Dry Rot)	6
PCN - (Ro4)	9	Blackleg	-
PCN - (Pa2) Pallida	9		
PCN - (Pa3) Pallida	9	Virus - Leaf Roll	-
		Virus - A	-
Late Blight Foliage	5	Virus - X	-
Late Blight Tuber	6	Virus - Yn	6
		Virus - Yntn (tuber)	7.5
Alternaria (Early Blight)	-		
Common Scab	5.5	Wart Disease - F1	10
Powdery Scab	7.5	Wart Disease - F6	9
Black Dot	-	Wart Disease - F18	-

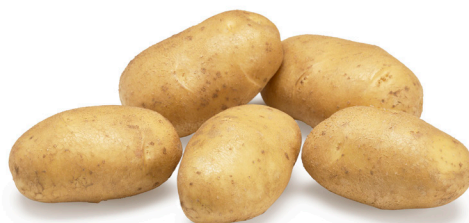
Babylon.



Processing

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

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	15% to 25% 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

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

HOW TO GROW

Suggested Fertiliser Treatment

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

Cultivation

Plant with eyes open and into warm soil. Schedule irrigation for regular water applications. Regular irrigation will improve uniformity of growth, quality and yield performance. Consider ethylene treatment to positively influence tuber numbers.

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

It is recommended to apply a seed treatment against Rhizoctonia. 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 potato,
say **Agrico.**



Disease Resistances

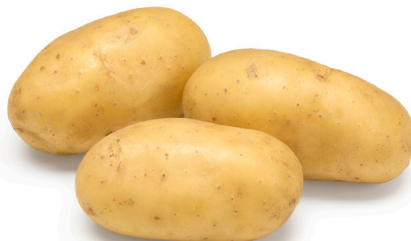
PCN - (Ro1)	8	Spraing	7
PCN - (Ro2)	2	Silver Scurf	-
PCN - (Ro3)	2	Fusarium (Dry Rot)	7
PCN - (Ro4)	8	Blackleg	-
PCN - (Pa2) Pallida	3		
PCN - (Pa3) Pallida	2	Virus - Leaf Roll	-
		Virus - A	-
Late Blight Foliage	6	Virus - X	-
Late Blight Tuber	7	Virus - Yn	8
		Virus - Yntn (tuber)	7
Alternaria (Early Blight)	-		
Common Scab	5	Wart Disease - F1	10
Powdery Scab	-	Wart Disease - F6	-
Black Dot	4.5	Wart Disease - F18	-

Leonore.



Processing
French fries

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



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

General characteristics

Breeder	Agrico Research B.V.
Crossing	EXCELLENCY x AR 06-3754
Breedersright	Pending
Seedling	AR 13-1059

Plant and tuber characteristics

Maturity	early / 7.5
Light sprout colour	- / -
Flower colour	white / W
Number of berries	- / -
Foliage - initial development	fast / 8
Foliage - final development	good / 8
Foliage - firmness	quite firm / 7
Skin colour	yellow / Y
Flesh colour	yellow / Y
Skin finish	good / 7
Tuber shape	long oval / LO
Regularity of tuber shape	quite regular / 6.5
Tuberisation	average / 6.5
Tuber size	quite large / 7.5
Regularity of size	quite regular / 6.5
Dormancy	average / 6.5

Sensitivity and quality

Secondary growth	quite sensitive / 6.5
Black spot (internal bruising)	slightly to not sensitive / 8
Growth cracks	slightly sensitive / 7
Harvest damage	- / -
Metribuzin pre-emergence	slightly to not sensitive / 8
Metribuzin post-emergence	slightly to not sensitive / 8
Bentazon	- / -
Ethylene	- / -
Underwater weight	397
Dry matter content	21.5%
Cooking Type	floury / BC
Discolouration (after cooking)	slightly sensitive / 7.5
Raw discolouration	very sensitive / 4
Fries quality	good / 7
Dry matter distribution	good / 7.5
Crisping quality	- / -
TGA-level	6.7

HOW TO GROW

Fertilisation¹

Nitrogen: standard advice +10%.

Phosphate: standard advice.

Potassium: standard advice.

¹ Level of fertilisation is based on soil analysis

Seed Treatment

Planting distance

28/35mm: 24cm (55,000 plants/Ha)

35/55mm: 31cm (42,000 plants/Ha)

Plant AR 13-1059 a bit deeper than other varieties to avoid green tubers.

Weeds

Metribuzin (Sencor) scores are not yet determined.

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

Say potato,
say **Agrico.**



Resistances

Virus - Leaf roll	- / -
Virus - Yn	slightly susceptible / 7.5
Virus - Yntn (tuber)	- / -
Spraing	susceptible / 5.5
Late Blight - foliage	very susceptible / 3.5
Late Blight - Tuber	susceptible / 5
Fusarium	slightly susceptible / 6
Common Scab	susceptible / 5.5

Powdery Scab	- / -
Black Dot	- / -
Wart Disease - F1	resistant / 10
Wart Disease - F6	- / -
Wart Disease - F18	- / -
Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	- / -
White nematode Pa 2	- / -
White nematode Pa 3	- / -

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

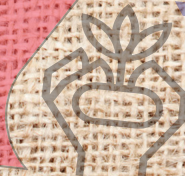
Babylon

Chipping Potatoes



Join the Babylon
Empire

Crisping Potatoes.

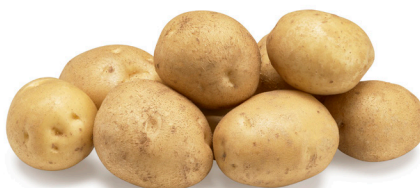


Napoleon

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

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

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

HOW TO GROW

Suggested Fertiliser Treatment

Nitrogen: standard advice -50kg to influence dry matter levels.

Phosphate: standard advice.

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.

Cultivation

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.

Harvest

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 May.

Say potato,
say **Agrico.**



Disease Resistances

PCN - (Ro1)	9	Spraing	7
PCN - (Ro2)	8	Silver Scurf	-
PCN - (Ro3)	8	Fusarium (Dry Rot)	5
PCN - (Ro4)	9	Blackleg	4
PCN - (Pa2) Pallida	9		
PCN - (Pa3) Pallida	8	Virus - Leaf Roll	-
		Virus - A	-
Late Blight Foliage	5	Virus - X	7
Late Blight Tuber	5.5	Virus - Yn	8
		Virus - Yntn (tuber)	6.5
Alternaria (Early Blight)	6		
Common Scab	5	Wart Disease - F1	10
Powdery Scab	8	Wart Disease - F6	-
Black Dot	-	Wart Disease - F18	-

Napoleon.



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

- » Good crisping quality
- » Suitable for processing of flakes
- » Good virus resistances



General characteristics

Breeder	Agrico Research B.V.
Crossing	ANTINA x ALICANTE
Breedersright	31-12-2051
Seedling	AR 10-4637

Plant and tuber characteristics

Maturity	maincrop / 5
Light sprout colour	red violet / RV
Flower colour	white / W
Number of berries	very high / 4
Foliage - initial development	quite fast / 7
Foliage - final development	good / 8
Foliage - firmness	quite firm / 7.5
Skin colour	Yellow / Y
Flesh colour	light yellow / 6.5
Skin finish	quite poor / 5
Tuber shape	round oval / RO
Regularity of tuber shape	regular / 7
Tuberisation	average / 6
Tuber size	quite large / 7.5
Regularity of size	regular / 7
Dormancy	average / 6

Sensitivity and quality

Secondary growth	quite sensitive / 6.5
Black spot (internal bruising)	sensitive / 5.5
Growth cracks	quite sensitive / 6
Harvest damage	quite sensitive / 6.5
Metribuzin pre-emergence	slightly sensitive / 7
Metribuzin post-emergence	slightly sensitive / 7
Bentazon	- / -
Ethylene	5% fewer to 5% more tubers / 5
Underwater weight	450
Dry matter content	24.1%
Cooking Type	floury / BC
Discolouration (after cooking)	quite sensitive / 6
Raw discolouration	quite sensitive / 6
Fries quality	good / 7
Dry matter distribution	good / 7
Crisping quality	excellent / 8
TGA-level	4

HOW TO GROW

Fertilisation¹

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

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.

Say potato,
say **Agrico.**



Resistances

Virus - Leaf roll	- / -
Virus - Yn	slightly to not susceptible / 8
Virus - Yntn (tuber)	slightly to not susceptible / 8
Spraing	susceptible / 5
Late Blight - foliage	slightly susceptible / 6
Late Blight - Tuber	slightly susceptible / 6.5
Fusarium	slightly susceptible / 6
Common Scab	slightly susceptible / 6

Powdery Scab	- / -
Black Dot	slightly susceptible / 6
Wart Disease - F1	resistant / 10
Wart Disease - F6	- / -
Wart Disease - F18	- / -
Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	- / -
White nematode Pa 2	susceptible / 4
White nematode Pa 3	susceptible / 2

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

Chester.



Processing

A second early crisping variety with G. pallida resistance, uniform tuber size, good dry matter content and good tolerance against bruising.



Picture not yet available

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

General characteristics

Breeder	Agrico Research B.V.
Crossing	AR 07-4052 x ALICANTE
Breedersright	Pending
Seedling	AR 13-2694

Plant and tuber characteristics

Maturity	early maincrop / 6
Light sprout colour	- / -
Flower colour	white / W
Number of berries	- / -
Foliage - initial development	fast / 8
Foliage - final development	good / 8
Foliage - firmness	quite firm / 7.5
Skin colour	Yellow / Y
Flesh colour	light yellow / 6.5
Skin finish	quite poor / 5
Tuber shape	oval round / OR
Regularity of tuber shape	quite regular / 6.5
Tuberisation	average / 6.5
Tuber size	quite large / 7
Regularity of size	quite regular / 6.5
Dormancy	quite short / 5

Sensitivity and quality

Secondary growth	quite sensitive / 6
Black spot (internal bruising)	slightly to not sensitive / 8
Growth cracks	slightly sensitive / 7
Harvest damage	- / -
Metribuzin pre-emergence	- / -
Metribuzin post-emergence	- / -
Bentazon	- / -
Ethylene	- / -
Underwater weight	446
Dry matter content	24%
Cooking Type	floury / C
Discolouration (after cooking)	slightly sensitive / 7
Raw discolouration	very sensitive / 4.5
Fries quality	- / -
Dry matter distribution	average / 6
Crisping quality	good / 7
TGA-level	11.8

HOW TO GROW

Fertilisation¹

Nitrogen: -
Phosphate: -
Potassium: -

Weeds

Fungicides

Seed Treatment

Harvest

Planting distance

Storage

Say potato,
say **Agrico.**



Resistances

Virus - Leaf roll	- / -
Virus - Yn	susceptible / 6
Virus - Yntn (tuber)	- / -
Spraing	very susceptible / 4
Late Blight - foliage	susceptible / 5
Late Blight - Tuber	susceptible / 5
Fusarium	susceptible / 5
Common Scab	susceptible / 5.5

Powdery Scab	- / -
Black Dot	- / -
Wart Disease - F1	resistant* / 10*
Wart Disease - F6	- / -
Wart Disease - F18	- / -
Golden nematode Ro 1/4	susceptible* / 4*
Golden nematode Ro 2/3	susceptible* / 2*
White nematode Pa 2	field resistant* / 8*
White nematode Pa 3	field resistant* / 7*

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

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