

AMARIN



General production advice ware potatoes

- Very suitable for early harvest
- Early maturity and tuberisation
- Very attractive bright skin
- High yield



Morphology

Cooking type	B - Slightly mealy
Maturity	75 Medium early
Yield mature	110 High
Tuber size	82 Large
Tuber shape	Round oval
Number of tubers	12-14
Flesh after cooking	Cream
Skin colour	Yellow

Tolerances

Dormancy period	62 Medium
Emergence	75 Normal
Metribuzin sensitivity	86 Not sensitive
Foliage development	70 Strong
Internal bruising	8 Little sensitive
Little Potato disorder	73 Little sensitive
Dry matter content	18,6
UWW	351

Resistances

Spraing	Susceptible
Foliage Blight	Susceptible
Tuber Blight	Resistant
Common scab	Slightly susceptible
Powdery scab	Susceptible
PVYn	Very susceptible
Yntn tuber tolerance	Tolerant

PCN Resistance

Ro1	Ro2/3	Pa2	Pa3
9	6		
Wart disease			
F1	F2	F6	F18
10	3	3	1

Fertilizer

- Adapt fertilisation to soil analysis.
- Nitrogen (N): approx. 110% in comparison to other medium early varieties.
- Apply 4/5 before planting and 1/5 as top dressing.
- High nitrogen demand, especially during early development.
- Potassium and phosphate fertilisation as standard advice.
- To be able to harvest early, organic manure is not advised.
- Ensure a constant availability of water and nutrients. Stagnation followed by rapid growth could lead to growth cracks.

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Pre-treatment and planting

- AMARIN has a good dormancy.
- Keep the seed in cold store to prevent physiological ageing and dehydration.
- Allow the seed to acclimatize to the local conditions before planting.
- Cutting of seed is not advised due to sensitivity to rotting.
- Tuber and/or soil treatments are advised to control Rhizoctonia, Silver scurf and other soil borne skin diseases. Azoxystrobin as a soil applied product with good results on many fungi.
- Avoid soils with high common scab pressure.
- On light soils with free living nematodes there is a high risk of spraing. Apply a nematicide on these soils.
- Planting with small white sprouts produces the best results.

Plant populations

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
-28/35	55.000	24	20
-35/55	40.000	33	28

-Plant depth: 3 cm deeper than normal.



Growing attentionpoints

- AMARIN has a quick emergence
- AMARIN has a good tolerance to metribuzin (Sencor).
- Use robust Phytophthora protection program, due to high susceptibility to foliage blight.
- Use variable products with more effectiveness in tuber protection later in the season.
- AMARIN sensitive for Alternaria, specially on the stems.
- Irrigation results in a more uniform product with better cooking quality.

Haulmkillling and harvest

- AMARIN is quite early maturing, haulmkillling shouldn't give any problems.
- Tubers reach early big size, harvest can be done after 90-100 days.
- AMARIN is quite resistant against bruising, unless extreme conditions occur.

Storage

- AMARIN is an early variety and therefore sales are normally within 5 months after harvest.
- AMARIN has a good dormancy, therefore ambient storage can be used for the first months after harvest.