



Production advice ware potatoes FRENCH FRIES

- Suitable for QSR
- Length specifications
- Wart disease resistance
- PCN resistance to Ro1,4 and Pa2
- Suitable for long term storage



Agronomic characters

Maturity	62	Medium late
Dormancy	73	Long
Yield mature	96	Good
Tuber size	82	Large
Tuber shape		Long oval
Number of tubers		9-11
Skin colour		Dark yellow
Flesh after cooking		Yellow
Cooking type		BC - Mealy
Dry matter content/Starch		23,1% / 17,2%
UWW/Specific gravity		429 / 1,093
Internal bruising	12	Quite sensitive
Metribuzin sensitivity	51	● ● ● ● ●
Little Potato disorder	95	● ● ● ● ●



Skin and flesh colour



Cooking type



Maturity

Plant populations

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
28/35	50.000	27	22
35/45	38.000	35	29
35/50	36.000	37	31
50/60 cut seed	38.000	35	29

Plant depth: 3 cm deeper than normal.

Resistances

Foliage Blight	52	● ● ● ● ●
Tuber Blight	77	● ● ● ● ●
Alternaria	89	● ● ● ● ●
Common scab	58	● ● ● ● ●
Powdery scab	49	● ● ● ● ●
Spraing	55	● ● ● ● ●
PVY	27	● ● ● ● ●
Yntn tuber tolerance	99	● ● ● ● ●

PCN Resistance

Ro1/4	9	● ● ● ● ●
Ro2/3	*5	● ● ● ● ●
Ro5	*1	● ● ● ● ●
Pa2	8	● ● ● ● ●
Pa3	6	● ● ● ● ●

Wart disease

F1	10	● ● ● ● ●
F2	9	● ● ● ● ●
F6	9	● ● ● ● ●
F18	10	● ● ● ● ●

Fertilizer

- Apply 2/3 before planting and 1/3 as top dressing.
- Nitrogen (N) : 210-250 kg N/Ha inclusive of soil supply.
- Phosphate (P) and Potassium (K) : according to standard advice.
- CARDYMA is susceptible to mineral deficiencies, therefore fertilize with trace elements.
- Manganese and magnesium will encourage a strong foliage and prevent premature senescence.

* HZPC own analysis/no official analysis



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Pre-treatment and planting

- CARDYMA has a long dormancy.
- If an apical sprout is present, remove it and plant with small white buds.
- Always treat CARDYMA seeds against Rhizoctonia.
- On heavy soils a good structure is needed to avoid misshapen tubers.
- On light soils with free living nematodes there is a higher risk of spraing. Apply a nematicide on these soils.
- Planting with small white sprouts produces the best results.
- Take care of a good volume ridge to prevent green tubers.



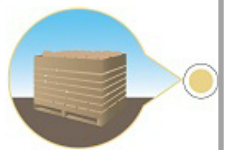
Growing attention points

- CARDYMA has a good cover crop.
- CARDYMA is quite sensitive to metribuzin, only use it pre-emergence.
- Preventive spraying against Phytophthora is advised.
- Dry and hot conditions can lead to second growth, irrigate regularly.



Haulm killing and harvest

- Ensure the crop is naturally mature before haulm killing.
- The skin should be fully set before harvest.
- CARDYMA is moderately susceptible to bruising. Reduce drop heights and avoid mechanical damage.



Storage

- CARDYMA has a long dormancy and has good storability.
- Take care of the wound healing period.
- Store at a stable 8 °C.
- For long term storage it is necessary to use sprout inhibitors.