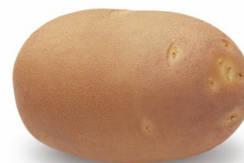




Production advice ware potatoes FRENCH FRIES

- Big size tubers
- Consistent high frying quality
- Suitable for QSR
- Length specifications
- PCN resistance to Pa2 and Pa3



Agronomic characters

Maturity	68	Medium early
Dormancy	63	Medium
Yield mature	91	Good
Tuber size	82	Large
Tuber shape		Oval / Long oval
Number of tubers		9-11
Skin colour		Brown = russet
Flesh after cooking		Light yellow
Cooking type		B - Slightly mealy
Dry matter content/Starch		20,6% / 14,8%
UWW/Specific gravity		379 / 1,081
Internal bruising	12	Quite sensitive
Metribuzin sensitivity	34	● ● ● ● ●
Little Potato disorder	90	● ● ● ● ●



Skin and flesh colour



Cooking type



Maturity

Plant populations

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
28/35	55.000	24	20
35/45	44.000	30	25
35/50	40.000	33	28
45/50	38.000	35	29
50/60	34.000	39	33
50/60 cut seed	40.000	33	28

Plant depth: 3 cm deeper than normal.

Resistances

Foliage Blight	42	● ● ● ● ●
Tuber Blight	59	● ● ● ● ●
Alternaria	55	● ● ● ● ●
Common scab	64	● ● ● ● ●
Powdery scab	64	● ● ● ● ●
Spraing	55	● ● ● ● ●
PVY	26	● ● ● ● ●
Yntn tuber tolerance	99	● ● ● ● ●

PCN Resistance

Ro1/4 *2	● ● ● ● ●
Ro2/3 *1	● ● ● ● ●
Ro5 *1	● ● ● ● ●
Pa2 8	● ● ● ● ●
Pa3 9	● ● ● ● ●

Wart disease

F1 10	● ● ● ● ●
F2 *2	● ● ● ● ●
F6 3	● ● ● ● ●
F18 1	● ● ● ● ●

* HZPC own analysis/no official analysis

Fertilizer

- Nitrogen (N) : Very high inputs (>250Kg N/ha inclusive of soil supply)
- Apply 2/3 before planting and 1/3 as top dressing.
- Do not apply potassium chloride (KCl) less than 6 weeks before planting, as late applications could induce lower dry matter.
- High level of phosphorus is recommended to encourage root system development.
- INNOVATOR is susceptible to mineral deficiencies, therefore fertilize with trace elements.
- Keep the foliage vital.



Production advice ware potatoes FRENCH FRIES



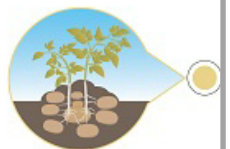
Pre-treatment and planting

- INNOVATOR has a medium dormancy.
- Seed should be removed from the cold store in time before planting.
- INNOVATOR reacts well to the cutting of seed. Recommended only with seed size above 50mm. Optimum result from 3-4 weeks prior to planting.
- Always treat INNOVATOR seeds and soil against Rhizoctonia.
- Plant into warm soils, don't plant too early.
- On light soils with free living nematodes there is a higher risk of spraing. Apply a nematicide on these soils.
- Pre-sprouting is not necessary, INNOVATOR can be planted with small white buds.



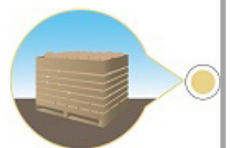
Growing attention points

- INNOVATOR is susceptible to metribuzin, also when applied before emergence.
- Irrigation is advised to minimize the risk on secondary growth. Start irrigation before the plants reach a height of 10cm and keep an optimal soil moisture throughout the growing season.
- INNOVATOR is susceptible to Alternaria. Start treatments at flowering time.



Haulm killing and harvest

- If melaine hydrazyde is used, it should be applied when the smallest tuber is 28 mm and canopy is still green.
- Ensure enough time between haulm killing and harvest to have a better skin set.
- INNOVATOR is moderately susceptible to bruising. Reduce drop heights and avoid mechanical damage.



Storage

- Take care of the wound healing period.
- Store at a stable 7 °C.
- Ventilate regularly, but briefly, to prevent CO2 accumulation.
- Use the highest dose of sprout inhibitor at the first application.
- For long term storage it is necessary to use sprout inhibitors.