



Production advice ware potatoes France

- Firm cooking
- Very high tuber number
- Very good taste
- Good resistance to common scab
- Good storability



Agronomic characters

Maturity	76	Early
Dormancy	66	Medium
Yield mature	94	Good
Tuber size	69	Small
Tuber shape		Oval / Long oval
Number of tubers		18-20
Skin colour		Yellow
Flesh after cooking		Light yellow
Cooking type		A - Firm
Dry matter content/Starch		19,5% / 13,7%
UWW/Specific gravity		356 / 1,076
Internal bruising	11	Quite sensitive
Metribuzin sensitivity	83	● ● ● ● ●
Little Potato disorder	70	● ● ● ● ●



Skin and flesh colour



Cooking type



Maturity

Plant populations

Market: 35-55 mm.

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
28/30	50.000	27	22
30/40	45.000	28	23
40/45	42.000	32	26
45/50	35.000	38	32

Plant depth for medium & big seed sizes : 3 cm deeper than normal.

Always check the tuber count for an accurate calculation.

Resistances

Foliage Blight	47	● ● ● ● ●
Tuber Blight	70	● ● ● ● ●
Alternaria	50	● ● ● ● ●
Common scab	65	● ● ● ● ●
Powdery scab	57	● ● ● ● ●
Spraing	98	● ● ● ● ●
PVY	19	● ● ● ● ●
Yntn tuber tolerance	98	● ● ● ● ●

PCN Resistance

Ro1/4 *1	● ● ● ● ●
Ro2/3 *1	● ● ● ● ●
Ro5 *1	● ● ● ● ●
Pa2	● ● ● ● ●
Pa3	● ● ● ● ●

Wart disease

F1	3	● ● ● ● ●
F2	8	● ● ● ● ●
F6	10	● ● ● ● ●
F18 *7		● ● ● ● ●

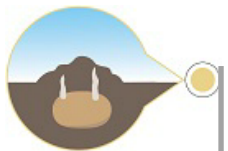
* HZPC own analysis/no official analysis

Fertilizer

- Adapt fertilization to soil analysis.
- Always refer to the local and current rules about crop fertilization.
- Nitrogen (N) : Medium inputs (170-210Kg N/ha inclusive of soil supply).
- Phosphate (P) and Potassium (K) : according to standard advice.



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Pre-treatment and planting

- Warm up correctly the seed and plant it with small white sprouts.
- Always treat CELANDINE seeds against Rhizoctonia.
- Plant into warm soils, don't plant too early.
- Plant large seed deeper to avoid greening.



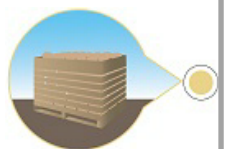
Growing attention points

- Emergence is somewhat slow, later on foliage develops well.
- CELANDINE grows spread in the ridge.
- The use of metribuzin is recommended before emergence. When applying post emergence, use the low dose system.
- Irrigation can substantially increase the tuber number.
- Irrigation results in a more uniform product with better cooking quality.
- Use a robust Phytophthora programme, to prevent foliage blight.



Haulm killing and harvest

- Aim for a dry matter content of 19,5 %.
- In general, CELANDINE has a good stolone detachment and early skin set.
- Minimum 3 weeks between haulm killing and crop lifting for right skin set.
- CELANDINE is quite resistant against bruising, unless extreme conditions occur.



Storage

- With a proper store management, CELANDINE is suitable for long term storage.
- Storage temperature: 4 °C.
- Reduce temperature 0,5 - 0,7 degrees a day, not lower than 4°C store temperature.
- Ventilate regularly, but briefly, to prevent CO2 accumulation.
- Any fluctuation in temperature, combined with condensation, can result in early sprouting and a high risk of Silver scurf.