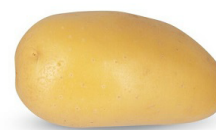




Production advice ware potatoes France

- Good yield
- Good storability
- Firm cooking
- Very good taste
- Good resistance to common scab



Agronomic characters

Maturity	65	Medium early
Dormancy	54	Moderate short
Yield mature	100	Moderate high
Tuber size	74	Medium
Tuber shape		Oval / Long oval
Number of tubers		12-14
Skin colour		Dark yellow
Flesh after cooking		Dark yellow
Cooking type		A - Firm
Dry matter content/Starch		19% / 13,2%
UWW/Specific gravity		346 / 1,074
Internal bruising	6	Little sensitive
Metribuzin sensitivity	61	● ● ● ● ●
Little Potato disorder	63	● ● ● ● ●



Skin and flesh colour



Cooking type



Maturity

Plant populations

Market: 40-65 mm.

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
28/35	50.000	27	22
35/50	38.000	35	29
50/55	35.000	38	32

Plant depth: 3 cm deeper than normal.

Always check the tuber count for an accurate calculation.

Resistances

Foliage Blight	43	● ● ● ● ●
Tuber Blight	81	● ● ● ● ●
Alternaria	81	● ● ● ● ●
Common scab	70	● ● ● ● ●
Powdery scab	62	● ● ● ● ●
Spraing	94	● ● ● ● ●
PVY	12	● ● ● ● ●
Yntn tuber tolerance	99	● ● ● ● ●

PCN Resistance

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

Wart disease

F1	10	● ● ● ● ●
F2	*5	● ● ● ● ●
F6	*1	● ● ● ● ●
F18	*1	● ● ● ● ●

* HZPC own analysis/no official analysis

Fertilizer

- Adapt fertilization to soil analysis.
- Always refer to the current local rules about crop fertilization.
- Nitrogen (N) : Medium inputs (170-210Kg N/ha inclusive of soil supply).
- Apply 2/3 before planting and 1/3 as top dressing.
- Phosphate (P): approx. 90-100 Kg P/ha before planting.
- Potassium (K): approx. 200 kg K/ha before planting. At soil types with low potassium after tuberisation additional application of 100 kg.



Production advice ware potatoes France



Pre-treatment and planting

- EMANUELLE has a medium dormancy.
- Warm up correctly the seed and plant it with small white sprouts.
- Always treat EMANUELLE seeds against Rhizoctonia.
- Plant EMANUELLE 3 cm deeper to avoid greening.



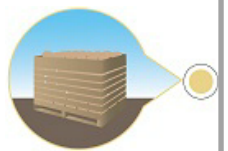
Growing attention points

- Emergence is uniform with a good foliage development.
- The use of metribuzin is recommended before emergence. When applying post emergence, use the low dose system.
- EMANUELLE has a good drought tolerance.
- Use a robust Phytophthora programme, to prevent foliage blight.



Haulm killing and harvest

- Minimum 2 weeks between haulm killing and crop lifting for right skin set.
- Lift only when soil conditions are optimum.



Storage

- With a proper store management, EMANUELLE 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.
- For long term storage it is necessary to use sprout inhibitors.