



## Production advice ware potatoes France

- Firm cooking
- Very attractive bright skin
- Suitable for baby productions
- Good storability
- High resistance to Yntn



## Agronomic characters

Maturity	70	Medium early
Dormancy	59	Medium
Yield early	105	High
Yield mature	104	Moderate high
Tuber size	70	Small
Tuber shape		Long oval / Long
Number of tubers		15-17
Skin colour		Light yellow
Flesh after cooking		Yellow
Cooking type		AB - Slightly firm
Dry matter content/Starch		18,4% / 12,6%
UWW/Specific gravity		334 / 1,071
Internal bruising	2	Not sensitive
Metribuzin sensitivity	81	● ● ● ● ●
Little Potato disorder	73	● ● ● ● ●



Skin and flesh colour



Cooking type



Maturity

## Plant populations

Market: 28-35 mm.

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
30/40	46.000	29	24
40/45	42.000	32	26
45/50	35.000	38	32

Plant depth: normal.

Always check the tuber count for an accurate calculation.

## Resistances

Foliage Blight	42	● ● ● ● ●
Tuber Blight	58	● ● ● ● ●
Alternaria	70	● ● ● ● ●
Common scab	59	● ● ● ● ●
Powdery scab	48	● ● ● ● ●
Spraing	89	● ● ● ● ●
PVY	14	● ● ● ● ●
Yntn tuber tolerance	99	● ● ● ● ●

### PCN Resistance

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

### Wart disease

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

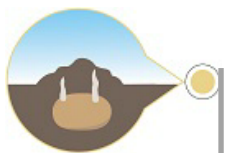
\* HZPC own analysis/no official analysis

## Fertilizer

- Adapt fertilization to soil analysis.
- Nitrogen (N) : Very low inputs (<120Kg N/Ha inclusive of soil supply).
- Phosphate (P) and Potassium (K) : according to standard advice.
- Don't use organic manure.



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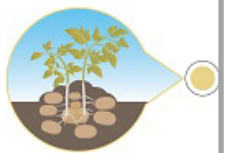
### Pre-treatment and planting

- Seed should be removed from the cold store in time before planting.
- Warm up correctly the seed and plant it with small white sprouts.
- Always treat MARILYN seeds against Rhizoctonia.
- MARILYN has a high tuber number, take care of a good volumed ridge.
- Preferably grow on irrigated land.



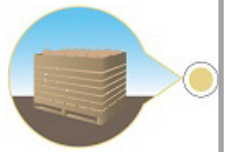
### Growing attention points

- 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.
- MARILYN has a good tolerance to metribuzin.
- In order to secure skin set, limit irrigation in second part of the season.
- Use a robust Phytophthora programme, to prevent foliage blight.



### Haulm killing and harvest

- Aim for a dry matter content of 18 %.
- MARILYN has a very high tuber number in small sizes, adapt harvest equipment to it.
- MARILYN has a thin skin, pay extra attention to skin set.
- Minimum 3 weeks between haulm killing and crop lifting for right skin set.
- Prevent mechanical damage to improve storability.
- Lift only when soil conditions are optimum.



### Storage

- Because of the high tuber count in small sizes, storability needs extra attention to get enough drying capacity and avoid fast CO2 increase.
- With a proper store management, MARILYN 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.