

CASTOR



General production advice ware potatoes

- Very strong variety
- Good yield
- Low nitrogen need
- High dry matter content
- Good resistance to common scab
- High resistance to Yn-virus

Morphology

Maturity	56	Medium late
Yield mature	123	Very high
Tuber size	84	Large
Tuber shape	Oval / Long oval	
Number of tubers	12-14	
Flesh after cooking	Cream	
Skin colour	Yellow	

Resistances

Spraing	98	Highly resistant
Foliage Blight	59	Slightly susceptible
Tuber Blight	62	Slightly susceptible
Common scab	64	Slightly susceptible
Powdery scab	63	Slightly susceptible
PVYn	95	Highly resistant
Yntn tuber tolerance	99	Tolerant

PCN Resistance

Ro1	Ro2/3	Pa2	Pa3	
9				+ No official analysis / Stet own analysis
Wart disease				
F1	F2	F6	F18	
10				

Tolerances

Dormancy period	82	Very long
Metribuzin sensitivity	70	Moderately sensitive
Foliage development	70	Strong
Internal bruising	5	Not sensitive
Little Potato disorder	90	Not sensitive
Dry matter content	21,0	
UWW	387	

Fertilizer

- Adapt fertilisation to soil analysis.
- Nitrogen (N): approx. 175 kg N/ha inclusive of soil supply.
- Nitrogen (N): approx. 80% in comparison to other medium late varieties.
- Phosphate fertilisation according to standard advice.
- Potassium (K): approx. 250 kg K/ha before planting. At soil types with low Potassium after tuberisation additional application of 100 kg.
- Manganese and magnesium will encourage a strong foliage and prevent premature senescence.

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Pre-treatment and planting

- CASTOR has a long dormancy.
- If an apical sprout is present, remove it and plant with small white buds.
- Always treat CASTOR seeds and soil against Rhizoctonia.
- CASTOR can be grown on all soil types.

Plant populations

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
-30/40	54.000	25	21
-40/50	38000	35	29
-50/60	32.000	42	35

- Plant depth: 3 cm deeper than normal.
- Always check the tuber count for an accurate calculation.

Growing attentionpoints

- good cover, high erect crop
- CASTOR has a good tolerance to metribuzin (Sencor).

Haulmkillling and harvest

- CASTOR is quite resistant against bruising, unless extreme conditions occur.

Storage

- CASTOR has a a long dormancy and has good storability.