

CHARACTERISTICS

PRINCESS is characterized by its good resistances against rhizoctonia, common scab, bruising and phytophthora. It is well suitable for organic growing.



Plant

Maturity	Early
Plant type	Intermediate
Growth habit	Semi-upright
Colour of flower	White
Foliage development	Rapid
Number of tubers	High
Dormancy	Medium

Yield and quality

Market segment	Table, Packing, Direct marketing, Organic, Peeling
Yield	High, Very high
Share oversize	Low, Medium
Share undersize	Low, Medium
Cooking type	A (firm)
Discolouration (cooked)	Low
Discolouration (raw)	Low
Dry matter content	Low

Tuber characteristics

Tuber shape	Oval
Flesh colour	Yellow
Eye depth	Shallow
Skin colour	Yellow
Skin appearance	Smooth

Resistances

Nematodes	Ro 1
Potato wart disease	-
Leaf blight	High
Tuber blight	High
Rhizoctonia	High
Black leg	High
Common scab	Very high
Internal rust spot	High
Second growth	Low, Medium
Silver scurf	High
Mechanical damages	High
Bruising	High, Very high
PVY	Medium, High
PVY^{NTN}	Very high

Princess



early table variety
suitable for washing



PRINCESS is an early table potato with cooking type A. It gives high yields early in the season and is perfectly suited for washing and packing immediately after the harvest.

Location

- irrigation is advisable

Preparation of seed and planting

- if you want to presprout: sprouts break easily!
- seed treatment against rhizoctonia is advisable

	75 cm	90 cm	plants/ha
28/35	23 - 25 cm	19 - 21 cm	53.000 - 57.000
35/50	30 - 33 cm	25 - 28 cm	40.000 - 44.000
50/55	33 - 34 cm	27 - 29 cm	39.000 - 40.000

recommended planting densities for max. yield of 40/60 mm grading

- the lighter the soil, the wider the planting distance
- without irrigation or when the location is at risk of droughts, plant a little bit wider
- always count tubers for optimal planting density

The above information has been prepared to the best of our knowledge and belief, but since potatoes are natural products, we cannot accept any liability for this information. They only serve as an orientation for decision making. For advice adapted to your region and for general questions about growing, please contact the growing consultant in your region. You can find the contact details at www.solana.de.

Last updated: December 2020

Crop management

	quantity*	1 st application	2 nd application
N	100 %	30 %	70 %
P₂O₅	100 %	100 %	-
K₂O	100 %	100 %	-

* in comparison to other table varieties

- 30 % N as nitrate fertiliser before planting
- 70 % N as ammonia fertiliser around tuberset
- Princess is slightly susceptible to Metribuzin post-emergence
- spray against phytophthora in accordance with local warning services and especially after self-monitoring the crop
- cool down the ridges when the canopy is dying to prevent second growth

Harvest and storage

- harvest gently soon after skinset
- after harvest cool down efficient and fast
- store at a constant temperature

