

CHARACTERISTICS

LUDMILLA shows good resistances against black leg, phytophthora and bruising. It is exceptional strong against interal defects.



Plant

Maturity	Early
Plant type	Stem-type
Growth habit	Upright
Colour of flower	White
Foliage development	Rapid
Number of tubers	Medium
Dormancy	Medium, High

Yield and quality

Market segment	French fries
Yield	Medium, High
Share oversize	Medium, High
Share undersize	Low
Discolouration (cooked)	Low
Discolouration (raw)	Low
Dry matter content	Medium
Frying quality after harvest	Very good
Frying quality after long-term storage	Very good

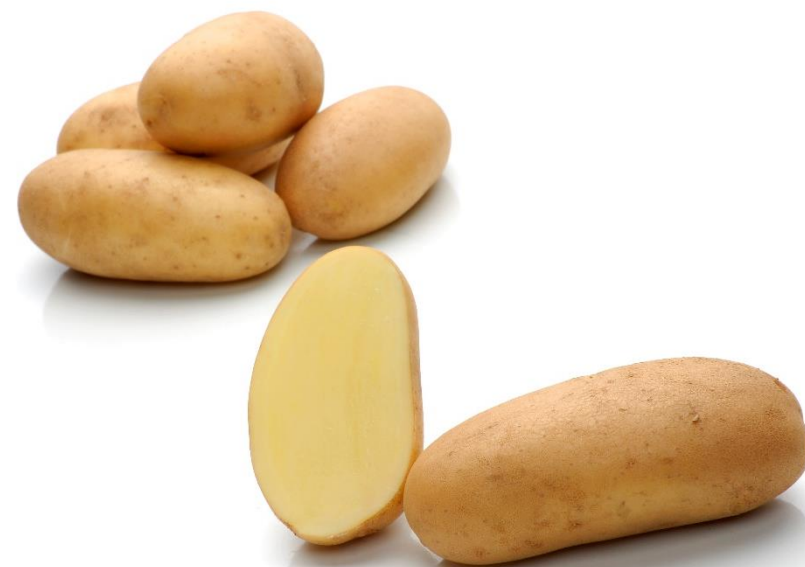
Tuber characteristics

Tuber shape	Long
Flesh colour	Cream
Eye depth	Shallow
Skin colour	Light brown
Skin appearance	Rough, Russet

Resistances

Nematodes	Ro 1, Ro 4
Potato wart disease	Pathotype 1
Leaf blight	Medium, High
Tuber blight	High
Rhizoctonia	Medium
Black leg	High
Common scab	High
Internal rust spot	High
Second growth	High
Mechanical damages	Medium, High
Bruising	High
PVY	Low
PVY^{NTN}	Very high

Ludmilla



early french fries variety
suitable for cold- and long-term storage



LUDMILLA is an early french fries variety with excellent frying colours. Although early, it is predestined for cold- and long-term storage.

Location

- Ludmilla yields best on lighter soils
- choose grounds with good soil structure and avoid soil compaction
- irrigation is advisable

Preparation of seeds and planting

- dormancy should be broken by warm storage immediately before planting
- avoid desprouting
- can also be planted directly from cold-storage
- treat seed against rhizoctonia!
- use a maximum of 1 l of Azoxystrobin

	75 cm	90 cm	plants/ha
30/40	30 - 32 cm	25 - 26 cm	42.000 - 44.000
40/50	33 - 35 cm	28 - 29 cm	38.000 - 40.000

- plant Ludmilla 1 - 2 cm deeper!
- 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 %	60 %	20 %
P₂O₅	100 %	100 %	-
K₂O	100 %	100 %	-

* in comparison to other french fries varieties

- 3/5 N as ammonia-fertiliser before planting
- 1/5 N as ammonia-fertiliser before row closure
- spray the rest of N as leaf fertiliser afterwards in multiple applications combined with the phytophthora applications
- do not use Metribuzin post-emergence
- irrigation during tuberisation can be advantageous
- spray against phytophthora in accordance with local warning services and especially after self-monitoring the crop

Harvest and storage

- harvest gently after skinset
- cool down efficient and fast
- store at constant temperature
- Ludmilla has very high dormancy → use of sprouting inhibitors may be reduced

