

CHARACTERISTICS

MIRANDA shows high resistances against alternaria and rhizoctonia as well as bruising.



Plant

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

Yield and quality

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

Tuber characteristics

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

Resistances

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

* found to be resistant in an EU-country

Miranda



early french fries variety
drought tolerant



MIRANDA is an early french fries variety. It is tolerant to drought and grows attractive longoval tubers. Miranda can also be used as table potato with cooking type C.

Location

- choose grounds with good soil structure
- avoid water logging and soil compaction!

Preparation of seeds and planting

- prewarm the seed tubers before planting → plant with small white sprouts
- avoid desprouting the tubers
- seed treatment against rhizoctonia and silver scurf is advisable

	75 cm	90 cm	plants/ha
28/35	24 - 25 cm	20 - 21 cm	54.000 - 56.000
35/55	35 - 37 cm	29 - 31 cm	36.000 - 38.000
55/60	40 - 42 cm	34 - 35 cm	32.000 - 33.000

- plant Miranda 2 - 3 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 %	66 %	33 %
P₂O₅	100 %	100 %	-
K₂O	100 %	100 %	-

* in comparison to other french fries varieties

- 2/3 N as ammonia-fertiliser before planting
- 1/3 N as ammonia-fertiliser before row closure
- when the location is at risk of droughts, give N as one gift before planting
- look for good supply with micro-nutrients
- slightly sensitive to metribuzin post-emergence
- start spraying against phytophthora early in the season after self-monitoring the crop
- use insecticides to secure high yields

Harvest and storage

- harvest gently after skinset
- blow the tubers dry before storage
- afterwards, cool down efficient and fast
- store at constant temperature and don't move the tubers often

