CHARACTERISTICS

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

Plant

Tuber characteristics

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

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

Resistances

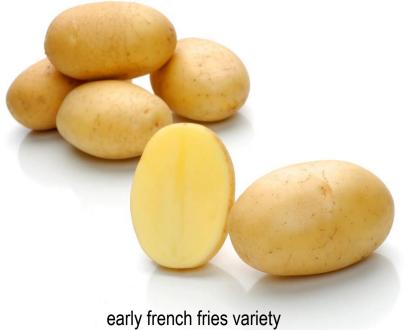
Yield and quality

French fries, Table		
Medium, High		
Medium, High		
Low		
C (floury)		
Discolouration (cooked) Low		
Low		
Medium		
Very good		
Medium		

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	
Ρνγ	Very high	

* found to be resistant in an EU-country

Miranda



early french fries variet drought tolerant





Solana GmbH & Co. KG

Albert-Einstein-Ring 5 E-22761 Hamburg ww **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

Crop management

quantity*	1 st application	2 nd application
100 %	66 %	33 %
100 %	100 %	-
100 %	100 %	-
	100 % 100 %	100 % 66 % 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-nutritients
- slightly sensitive to metribuzin post-emergence
- start spraying against phytophtora 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

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 <u>www.solana.de</u>.

Last updated: December 2020

