

CHARACTERISTICS

Jonas is resistant against Pa 3 and Pa 3. It is also highly resistant against potato virus Y, phytophthora and rhizoctonia.



Plant

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

Yield and quality

Market segment	Starch
Yield	Very high
Share oversize	Medium
Share undersize	Low
Dry matter content	High
Dry matter yield	Very high

Tuber characteristics

Tuber shape	Round-oval, Round
Flesh colour	White
Eye depth	Medium, Deep
Skin colour	Yellow
Skin appearance	Rough

Resistances

Nematodes	Ro 1 Pa 2(9), Pa 3(8)
Potato wart disease	Pathotype 1*
Leaf blight	High
Tuber blight	High
Rhizoctonia	High
Black leg	Medium, High
Common scab	Medium, High
Internal rust spot	Medium
Second growth	Medium, High
Mechanical damages	Medium
Bruising	Low, Medium
PVY	Very high

* testing not yet finished

Jonas



medium late starch variety
pallida resistant



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– recommendations for the production of ware potatoes –

Jonas is a medium late - late starch variety with very high yield and therefore very high starch yields. It is suitable for bulk storage.

Location

- Jonas can be grown on all potato grounds in general
- avoid soil compaction, choose grounds with a good soil structure
- avoid water logging

Preparation of seed and planting

- prewarm the seed tubers before planting → plant with small white sprouts
- seed treatment against rhizoctonia is advisable

	75 cm	90 cm	plants/ha
28/35	22 - 23 cm	18 - 19 cm	58.000 - 61.000
35/55	32 - 34 cm	26 - 28 cm	39.000 - 42.000
55/60	39 - 42 cm	33 - 35 cm	32.000 - 34.000

- 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 %	100 %	-
P₂O₅	100 %	100 %	-
K₂O	100 %	100 %	-

* in comparison to other starch varieties

- N as ammonia fertiliser
- spray against phytophthora in accordance with local warning services and especially after self-monitoring the crop
- should be combined with efficient agents against alternaria
- should be desiccated before harvesting

Harvest and storage

- harvest gently after skinset
- blow dry before storage

