

## CHARACTERISTICS

**LILLY** is characterized by its good resistances against rhizoctonia, internal rust spot, common scab, alternaria and tuber blight..



### Plant

<b>Maturity</b>	Early, Medium early
<b>Plant type</b>	Intermediate
<b>Growth habit</b>	Upright
<b>Colour of flower</b>	White
<b>Foliage development</b>	Medium
<b>Number of tubers</b>	High
<b>Dormancy</b>	Medium, High

### Yield and quality

<b>Market segment</b>	Table, Packing, Direct marketing, Peeling
<b>Yield</b>	High
<b>Share oversize</b>	Low
<b>Share undersize</b>	Medium
<b>Cooking type</b>	C (floury)
<b>Discolouration (cooked)</b>	Very low
<b>Discolouration (raw)</b>	Low
<b>Dry matter content</b>	Medium

### Tuber characteristics

<b>Tuber shape</b>	Round-oval
<b>Flesh colour</b>	Yellow, Deep yellow
<b>Eye depth</b>	Shallow
<b>Skin colour</b>	Yellow
<b>Skin appearance</b>	Netted

### Resistances

<b>Nematodes</b>	Ro 1, Ro 4
<b>Potato wart disease</b>	Pathotype 1*
<b>Leaf blight</b>	Medium
<b>Tuber blight</b>	High
<b>Rhizoctonia</b>	High
<b>Black leg</b>	High
<b>Common scab</b>	High
<b>Internal rust spot</b>	Very high
<b>Second growth</b>	Medium
<b>Silver scurf</b>	High
<b>Mechanical damages</b>	High
<b>Bruising</b>	High
<b>PVY</b>	Medium
<b>PVY<sup>NTN</sup></b>	Very high

\* found to be resistant in an EU-country

# Lilly



medium early table potato  
high yields



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– recommendations for the production of ware potatoes –

**LILLY** is a medium early table variety with cooking type C. It grows very high marketable yield with a uniform tuber grading.

## Location

- gives the best yields on light to medium soils
- irrigation is advisable

## 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
<b>28/35</b>	23 - 25 cm	19 - 21 cm	54.000 - 58.000
<b>35/55</b>	33 - 35 cm	28 - 29 cm	38.000 - 40.000
<b>55/60</b>	36 - 38 cm	30 - 32 cm	35.000 - 37.000

*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](http://www.solana.de).*

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## Crop management

	quantity*	1 <sup>st</sup> application	2 <sup>nd</sup> application
<b>N</b>	100 %	40 %	60 %
<b>P<sub>2</sub>O<sub>5</sub></b>	100 %	100 %	-
<b>K<sub>2</sub>O</b>	120 %	100 %	-

\* in comparison to other table varieties

- 40 % N as ammonia fertiliser before planting
- 60 % N as ammonia fertiliser before row closure
- split the potassium-applications on light soils with irrigation (50:50)
- start spraying early against phytophthora, when plants are 15 cm high
- regularly renew phytophthora protection in short intervals
- should be combined with efficient agents against alternaria
- to improve dormancy, the use of maleic hydrazide can be advisable; watch for the tuberset first!
- Lilly grows a robust canopy → watch for desired tuber grading and start desiccation in time

## Harvest and storage

- to ensure good skin quality, harvest gently soon after skinet
- do not move Lilly much in storage

