

## CHARACTERISTICS

**4 YOU** is characterized by its resistance against PCN Pa 2 and Pa 3. It is also resistant against PVY<sup>NTN</sup>.



### Plant

|                            |                 |
|----------------------------|-----------------|
| <b>Maturity</b>            | Early           |
| <b>Plant type</b>          | Intermediate    |
| <b>Growth habit</b>        | Semi-upright    |
| <b>Colour of flower</b>    | Red-blue-violet |
| <b>Foliage development</b> | Rapid           |
| <b>Number of tubers</b>    | Medium          |
| <b>Dormancy</b>            | Medium          |

### Yield and quality

|                                |                  |
|--------------------------------|------------------|
| <b>Market segment</b>          | Table, Packing   |
| <b>Yield</b>                   | High             |
| <b>Share oversize</b>          | Medium           |
| <b>Share undersize</b>         | Very low         |
| <b>Cooking type</b>            | BC (fairly firm) |
| <b>Discolouration (cooked)</b> | Low              |
| <b>Discolouration (raw)</b>    | Low              |
| <b>Dry matter content</b>      | Medium           |

### Tuber characteristics

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

### Resistances

|                            |                          |
|----------------------------|--------------------------|
| <b>Nematodes</b>           | Ro 1<br>Pa 2(8), Pa 3(8) |
| <b>Potato wart disease</b> | Pathotype 1*             |
| <b>Leaf blight</b>         | Medium                   |
| <b>Tuber blight</b>        | High                     |
| <b>Rhizoctonia</b>         | Medium, High             |
| <b>Black leg</b>           | High                     |
| <b>Common scab</b>         | Medium                   |
| <b>Internal rust spot</b>  | Medium                   |
| <b>Second growth</b>       | Medium, High             |
| <b>Silver scurf</b>        | Medium                   |
| <b>Mechanical damages</b>  | High                     |
| <b>Bruising</b>            | High                     |
| <b>PVY</b>                 | Low                      |
| <b>PVY<sup>NTN</sup></b>   | High                     |

\* testing not yet finished

# 4 YOU



early table variety  
deep yellow flesh  
pallida resistant



**4 YOU** is an early, fairly firm cooking table potato with deep yellow flesh. It grows early in the season big sized uniform tubers.

## Location

- avoid soils with high risk of scab
- irrigation can be advantageous
- choose grounds with good soil structure

## Preparation of seed and planting

- prewarm the seed tubers before planting → plant with small white sprouts
- avoid desprouting the tubers
- plant when the soil is warm to ensure rapid and even emergence
- seed treatment against rhizoctonia is advisable

|              | 75 cm      | 90 cm      | plants/ha       |
|--------------|------------|------------|-----------------|
| <b>28/35</b> | 18 - 19 cm | 15 - 16 cm | 70.000 - 75.000 |
| <b>35/55</b> | 27 - 29 cm | 23 - 24 cm | 46.000 - 49.000 |
| <b>55/60</b> | 33 - 35 cm | 28 - 29 cm | 38.000 - 40.000 |

*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).*

*Last updated: December 2020*

## Crop management

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

*\* in comparison to other table varieties*

- N as ammonia fertiliser
- has not shown sensitivity to metribuzin for now
- still be careful with all herbicides post-emergence
- start spraying against phytophthora early in the season after self-monitoring the crop
- use insecticides to secure high yields
- 4 YOU grows big tubers rapidly → watch for desired tuber grading

## Harvest and storage

- harvest gently after skinset
- blow the tubers dry before storage

