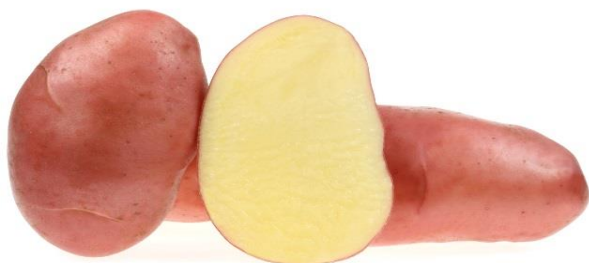


General production advice ware potatoes



Uniform, oval - long oval tubers

High yield in Mediterranean area

Good storability

Good resistance against heat and drought

Table and French Fries variety

Variety characteristics

| | | |
|---------------------|------|------------------|
| Maturity | 6 | middle |
| Emergence | 7,5 | normal |
| Foliage development | 7,5 | strong |
| Berries | 7 | many |
| Skin colour | 7 | red |
| Flesh colour | 7 | pale yellow |
| Tuber shape | olo | oval - long oval |
| Depth of eyes | 7 | shallow |
| Tuber uniformity | 6,5 | average |
| Size of tubers | 8 | large |
| Grading | 7,5 | good |
| Tuber count | 8-11 | low |
| Yield 90 days % | 98 | |
| Yield 120 days % | 96 | |

Qualities of the variety

| | | |
|----------------|--------|--------------------|
| Dormancy | 6,5 | medium |
| UWW | 405 | |
| Dry matter % | 21,92 | |
| Starch % | 15,97 | |
| Cooking type | A - AB | firm-slightly firm |
| Discolouration | 8 | none |
| Fries | 6 | moderate |
| Crisps | - | does not apply |

Use



Resistances / tolerances

| | | |
|------------------------|-----|----------------------|
| Potato Nematodes | - | |
| Wart disease | 1 | immune |
| Little potato disorder | 8,5 | not sensitive |
| Sencorex sensitivity | 6 | quite sensitive |
| Foliage blight | 4,5 | susceptible |
| Tuber blight | 6,5 | slightly susceptible |
| Alternaria | - | unknown |
| Erwinia | 6 | moderate sensitive |
| Secondary growth | 7 | little sensitive |
| Drought tolerance | 8 | little sensitive |
| Heat tolerance | 8 | little sensitive |

Resistances / tolerances

| | | |
|-------------------|------|----------------------|
| Y-virus | 7 | slightly susceptible |
| Yntn-virus | 8 | slightly sensitive |
| Spraing | 7,5 | resistant |
| Mechanical damage | 6,5 | moderate sensitive |
| Internal bruising | 6-10 | little sensitive |
| Fusarium | 6,5 | susceptible |
| Silver scurf | 5 | susceptible |
| Common scab | 4,5 | susceptible |
| Powdery scab | 5,5 | slightly susceptible |

General production advice ware potatoes

Pre-treatment seed potatoes and the planting

- Remove the apical sprout (if necessary) and give the seeds a shot of heat 18-20°C to release the sprouts.
- Don't plant the seeds on scab sensitive soils.
- Soil or tuber treatment against Rhizoctonia, silver scurf and black dot is recommended.

Plant spacing

*On heavy soils use the smallest plant spacing.

| | | | |
|-------------------|----------|----------|----------|
| Size of the seeds | 28/35 | 35/55 | 55/65 |
| Plant spacing | 25-27 cm | 28-32 cm | 31-35 cm |

Fertilizing (including the soil supply)

| | | |
|----------------|----------|---|
| N | ± 250 kg | Including N-mineral (2/3 before planting, if necessary 1/3 as top dressing) |
| P | Normal | According to soil analysis |
| P | Normal | According to soil analysis |
| Mg, Mn, Ca, Bo | | Give these micro elements, if necessary, as a liquid fertilizer. They are stimulating the growth and have a positive effect on the quality. |

Cultivation

- Desiree even emergences and has good foliage development and is slightly sensitive to Sencorex.
- To prevent scab, specially in the period of tuberisation, ensure proper moisture supply.
- The variety is quite sensitive to Sencorex (Metribuzin)!
- Keep a tight schedule in blight treatment, because Desiree is rather susceptible in foliage and tuber.
- It is advisable to check the crop regularly for aphids, if necessary you can combine a late blight treatment and the use of an insecticide.

Haulm killing, harvest and storage

- Make sure that there is enough time between haulm killing and harvest, look at the foliage maturity.
- Desiree is rather sensitive for bruising, so be careful with harvesting and storing (drop heights).
- A high UWW combined with cold conditions during harvest and storing are increasing bruising.
- Provide rapid drying to prevent silver scurf (if necessary use heaters). Take good care for curing!
- After curing and drying slowly, drop the temperature to 6-7°C. Prevent condensation in the top layer.
- At a temperature of 6-7°C combined with a rather good dormancy the storability is good. At this storage temperature a good processing quality can be maintained.