

DONALD



General production advice ware potatoes



- Multi purpose variety
- Good resistance package
- Good resistance to spraing
- High resistance to Ro1 & Ro2/3 PCN



Morphology

Cooking type	BC - Mealy
Maturity	71 Medium early
Yield mature	93 Good
Tuber size	76 Medium
Tuber shape	Oval
Number of tubers	12-14
Flesh after cooking	Yellow
Skin colour	Yellow

Tolerances

Dormancy period	64 Medium
Emergence	80 Fast
Metribuzin sensitivity	85 Moderately sensitive
Foliage development	75 Strong
Internal bruising	18 Sensitive
Little Potato disorder	90 Not sensitive
Dry matter content	24,7
UWW	461

Resistances

Spraing	Resistant
Foliage Blight	Susceptible
Tuber Blight	Very susceptible
Common scab	Slightly susceptible
Powdery scab	Very susceptible
PVYn	Very susceptible
Yntn tuber tolerance	Very sensitive

PCN Resistance

Ro1	Ro2/3	Pa2	Pa3
9	9		5
Wart disease			
F1	F2	F6	F18
10	7	7	

Fertilizer

- Adapt fertilisation to soil analysis.
- Nitrogen (N): approx. 220 kg N/ha inclusive of soil supply.
- Nitrogen (N): approx. 250 kg N/ha inclusive of soil supply.
- Nitrogen can be given in one dose. This helps to advance the crop.
- To prevent bruising, use fresh potassium
- On lighter soils an extra application of boron is advised.

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Pre-treatment and planting

- DONALD has a medium dormancy.
- Allow the seed to acclimatize to the local conditions before planting.
- Always treat DONALD seeds and soil against Rhizoctonia.
- DONALD can be grown on all soil types.
- The best results are obtained on lighter soils.
- Choose soil types which are not sensitive to Powdery Scab.

Plant populations

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
-28/35	55.000	24	20
-35/45	42.000	32	26
-35/55	38.000	35	29
-45/55	36.000	37	31

- Plant depth: 3 cm deeper than normal.



Growing attentionpoints

- DONALD grows high in the ridge
- DONALD has a good tolerance to metribuzin (Sencor).
- Use robust Phytophthora protection program, due to susceptibility to foliage- and tuber blight.
- DONALD is fairly resistant to spraing.

Haulmkillling and harvest

- DONALD is sensitive for bruising and mechanical damage
- The skin should be fully set before harvest.
- Prevent mechanical damage to improve storability.

Storage

- DONALD is an early variety and therefore sales are normally within 5 months after harvest.
- Store at a stable temperature of 6°C.
- Storage temperature lower than recommended will result in increased sweetening.