

MARADONNA x CUPIDO



Added value of the variety

- Gives high yields from all soil types.
- Washable and attractive skin.
- Tolerant to climatic stress.
- Low susceptibility to common scab.
- Medium - long dormancy suitable for long storage.



Characteristics

Shape of tuber	RO	
Av. Tuber length (Ø 50-60 mm)	7,4 cm	
Maturity (9=early, 4=late)	7,6	
Colour of skin	Y	
Colour of flesh	6,2	
Suitability for cooking	8 A	

Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	102	73	98
DM (%)	16,1	17,8	18,4
UWW	287	322	333
Tuber size (Ø mm)	55	58	62

Ro1	9	
Ro2/3		
Ro5		
Pa2		
Pa3		
wz 1 (D 1)	10	
wz 2 (G 1)		
wz 6 (O 1)	3	
wz 18 (T 1)		
TRV	8	
Moptop virus	Rather susceptible	

Climate adaptability

Drought tolerance	Tolerant
Secondary growth	7

Fertiliser requirement

	N	P	K	Mg	B	Ca	Mn
Quantity	Standard	Standard	High (+25%)	Standard	High (+25%)	High (+25%)	Standard
No. applications	1	1	2	6	2	1	1

Chemical requirement

Foliar late blight	3
Tuber late blight	Susceptible
Early blight	Tolerant
Y-virus	8
Yntn-virus	10
Leafroll virus	Susceptible
Black dot	Susceptible
Silver scurf	Rather tolerant
Metribuzin pre-emergence	Susceptible
Metribuzin post-emergence	Tolerant

Storability

Dormancy (2=short; 8=long)	5,1	
Pressure spots	Tolerant	
Fusarium	4	
Frying /crisping colour in October*	5	
Frying /crisping colour in February*	3	
Frying /crisping colour in May*	3	

*Potatoes stored at 8 °C

Marketable yield

Bruising index (0-50)	13
Washability	7
Common scab	7
Powdery scab	6
IRS	0,6
Hollow heart	0,0
Mechanical Damage	Rather tolerant



Planting

Wait for eyes to open before planting.

Do not plant cold seed in cold soil.

Don't de-sprout the seeds before planting.

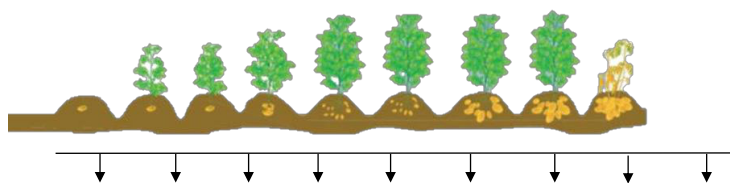
Plant at a normal depth.

Size	75 cm	90 cm	Plant/ha
28/30	25 cm	21 cm	53300
30/40	29 cm	24 cm	46000
40/50	35 cm	29 cm	38100
50/55	38 cm	32 cm	35100
30/50	32 cm	27 cm	41700
35/55	34 cm	28 cm	39200
55/60	41 cm	34 cm	32500



Fertiliser input (kg/ha):

Depending on the soil supply and applicable national legislation; total amount required by the variety.



Nitrogen: (N)	200	50	250
Phosphate: (P ₂ O ₅)	110		110
Potassium: (K ₂ O)	250	100	350

To prevent mineral deficiencies, apply these elements in time (B, Mg, Mn, S)

Apply potassium just before planting and during the growing season.

We recommend splitting potassium (K) supply in order to reduce damage risks.



Crop protection

Susceptible to the use of 450 g/ha of Metribuzin at pre-emergence.

Variety susceptible to foliar late blight, do not neglect blight control.

Start late blight control in time.

Irrigation will help for a good tuberset and a good skin quality.



Harvest and storage

Harvest carefully; susceptible to bruising.

After harvest, start immediately drying the crop in store.

Susceptible to Fusarium.



Storage:

5 °C

6 months

Key advice to succeed this variety:

Wait for eyes to open before planting.

Do not plant cold seed in cold soil.

We recommend splitting potassium (K) supply in order to reduce damage risks.

Variety susceptible to foliar late blight, do not neglect blight control.

Harvest carefully; susceptible to bruising.

Harvest in good conditions to avoid bruising