

# ORCHESTRA

MARADONNA x CUPIDO



Building on potential

## 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)	7,5 cm	
Maturity (9=early, 4=late)	7,5	
Colour of skin	LY	
Colour of flesh	6,6	
Suitability for cooking	8 A	

## Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	105	71	101
DM (%)	16,4	17,7	18,0
UWW	293	319	326
Tuber size (Ø mm)	54	54	64

Ro1	9	
Ro2/3		
Ro5		
Pa2		
Pa3		
wz 1 (D1)	10	
wz 2 (G1)		
wz 6 (O1)	3	
wz 18 (T1)		
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	2	1	2	6	2	1	1

**MEIJER**  
POTATO

## Chemical requirement

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

## Storability

Dormancy* (2=short; 8=long)	4,8
Pressure spots	Tolerant
Fusarium	4
Frying/crisping colour in October*	4,8
Frying/crisping colour in February*	3,9
Frying/crisping colour in May*	3,0

\*Potatoes stored at 8°C without sprout inhibitors

## Marketable yield

Bruising index (0-50)	12
Washability	7
Common scab	7
Powdery scab	6
% IRS	1
% Hollow heart	0
Mechanical Damage	Rather tolerant



## Planting

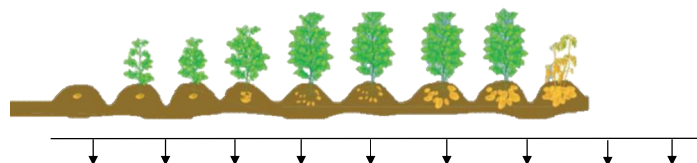
Wait for eyes to open before planting.  
Do not plant cold seed in cold soil.  
Don't de-sprout the seeds before planting.  
Plant at a normal depth.

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
50/60	40 cm	33 cm	33300
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 <sub>2</sub> O <sub>5</sub> )	110		110
Potassium: (K <sub>2</sub> O)	250	100	350

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

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

