

# SOUND Organic

MONDIAL x CMK2003-707-003



**MEIJER**  
POTATO



Building on potential

## Added value of the variety

- Foliar late blight resistant.
- Gives high yields from all soil types.
- Good frying quality until mid-term storage.
- Very nice skin quality.
- Drought tolerant variety.

## Characteristics

Shape of tuber	LO	
Av. Tuber length (Ø 50-60 mm)	8,9 cm	
Maturity (9=early, 4=late)	6,5	
Colour of skin	Y	
Colour of flesh	6,9	
Suitability for cooking	7,4 AB	

## Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	114	128	124
DM (%)	18,7	20,0	20,6
UWW	340	367	378
Tuber size (Ø mm)	51	57	59

Ro1	9	
Ro2/3	4	
Ro5	8	
Pa2	3	
Pa3	2	
wz 1 (D1)	9	
wz 2 (G1)		
wz 6 (O1)	4	
wz 18 (T1)	4	
TRV	6	
Moptop virus	Rather susceptible	

## Climate adaptability

Drought tolerance	Tolerant
Secondary growth	7

## Fertiliser requirement

	N	P	K	Mg	B	Ca	Mn
Quantity	Standard	Standard	Standard	Standard	Standard	Standard	Standard
No. applications	1	1	1	6	1	1	1

## Chemical requirement

Foliar late blight	9
Tuber late blight	Rather susceptible
Early blight	Tolerant
Y-virus	
Yntn-virus	7
Leafroll virus	Rather tolerant
Black dot	Rather tolerant
Silver scurf	Tolerant
Metribuzin pre-emergence	n/a
Metribuzin post-emergence	n/a

## Storability

Dormancy (2=short; 8=long)	7,5
Pressure spots	Rather tolerant
Fusarium	6
Frying/crisping colour in October*	6,3
Frying/crisping colour in February*	5,9
Frying/crisping colour in May*	6,3

\*Potatoes stored at 8°C

## Marketable yield

Bruising index (0-50)	17
Washability	7
Common scab	6
Powdery scab	6
IRS	1
Hollow heart	0
Mechanical Damage	Rather susceptible



## Planting

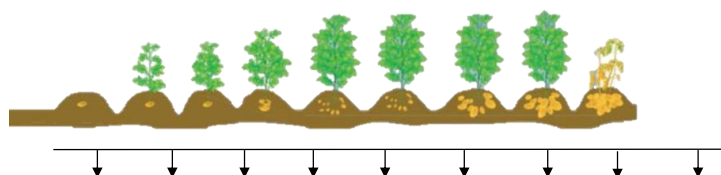
- Do not cultivate on soils prone to common scab.
- Don't store the seed with Talent (Carvon), it stops the sprouting capacity.
- Wait for eyes to open before planting.
- Plant at a normal depth.
- Excessive irrigation will lead to lower marketable yield.

Size	75 cm	90 cm	Plant/ha
28/30	28 cm	23 cm	47600
30/40	34 cm	28 cm	39200
30/50	36 cm	30 cm	37000
40/50	37 cm	31 cm	36000
50/55	40 cm	33 cm	33300
35/55	38 cm	32 cm	35100
55/60 CUT	35 cm	29 cm	38100



## Fertiliser input (kg/ha):

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



Nitrogen:	(N)	175	175
Phosphate:	(P <sub>2</sub> O <sub>5</sub> )	110	110
Potassium:	(K <sub>2</sub> O)	300	300

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

Releasing N too much or late can lead to a too low underwater weight.



## Crop protection

- If a crop is in decline, the crop can be affected by Phytophthora, burn as quickly as possible to prevent a breakdown in resistance.
- Burn off while still green, follow up a week later by flailing/pulverising.
- Ensure any regrowth is controlled.



## Harvest and storage

- Wait for a proper set skin before harvest.
- Take care to avoid mechanical damages on the skin during the harvest.
- Start sprouting inhibitor application as soon as potatoes are dry.



### Storage:

7 °C  
8 months

### Key advice to succeed this variety:

- Do not cultivate on soils prone to common scab.
- Before planting keep the seed quiet; plant them out of cold storage.

**Do not irrigate too much to secure quality**

