SOUND

MONDIAL x CMK2003-707-003



Building on potential

Added value of the variety

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)	8,7 cm	
Maturity (9=early, 4=late)	6,5	
Colour of skin	Y	
Colour of flesh	6,9	
Suitability for cooking	7,5 AB	A B C D

Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	117	124	113
DM (%)	18,6	19,9	20,5
UWW	337	364	375
Tuber size (Ø mm)	50	59	54

Ro1	9
Ro2/3	4
Ro5	8
Pa2	3
Pa3	2
TRV	8
Moptop virus	5

1 = very susceptible to 9 = resistant

wz 1 (D1)	9
wz 2 (G1)	
wz 6 (O1)	4
wz 18 (T1)	4

3 = very susceptible to 10 = immune

Climate adaptability

Drought tolerance	9
Secondary growth	7

Resistance / Tolerance

Foliar late blight	9
Tuber late blight	5
Early blight	9
Y-virus	
Yntn-virus	7
Leafroll virus	
Black dot	7
Silver scurf	9
Metribuzin pre-emergence	7
Metribuzin post-emergence	9

1 = very susceptible to 9 = resistant

Storability

Dormancy* (2=short; 8=long)	6,8
Pressure spots	Rather tolerant
Fusarium (9=resistant, 1=very susceptible)	6
Frying/crisping colour in October*	6,3
Frying/crisping colour in February*	5,5
Frying/crisping colour in May*	6,3

**Potatoes stored at 8°C without sprout inhibitors*
Frying/crisping scale : 8= very good, 3=bad

Marketable yield

Bruising index (0=good-50=bad)	21
Hollow heart (%)	0
IRS (%)	1
Washability	7
Common scab	6
Powdery scab	6
Mechanical Damage	5

1 = very susceptible to 9 = resistant

Meijer Potato will not be responsible for possible negative effects originating from this advice.

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MEIJER POTATO

Planting

Don't store the seed with Talent (Carvon), it stops the sprouting capacity.

Plant at a normal depth.

Excessive irrigation will lead to lower marketable yield.

Size	75 cm	90 cm	Plant/ha
28/35	29 cm	24 cm	46000
35/45	36 cm	30 cm	37000
35/55	39 cm	33 cm	34200
45/55	40 cm	33 cm	33300
55/60	42 cm	35 cm	31700
60 +	43 cm	36 cm	31000

Fertiliser input (kg/ha):

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

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

(N)	Nitrogen:	Average needs for a mid-late variety	200	kg/ha	*Netherlands based advice*
(P2O5)	Phosphate:	Average needs	110	kg/ha	
(K2O)	Potassium:	Average needs	350	kg/ha	



(N)	Nitrogen:	100%
(P2O5)	Phosphate:	100%
(K2O)	Potassium:	100%

Do not use potassium chloride in order to avoid a low dry matter level.

Crop protection

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

Manage late blight control as usual : spray when there is risk, with full dose and at normal frequency.

Do not irrigate until the end of the growing season to avoid misshapen tubers.

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.

Start sprouting inhibitor application as soon as potatoes are dry.

To avoid external damages on Sound, grading/handling/packing should be done above 8°C

Storage:

7 °C

8 months

Key advice to succeed this variety:

Excessive irrigation will lead to lower marketable yield.
Do not use potassium chloride in order to avoid a low dry matter level.
Do not irrigate until the end of the growing season to avoid misshapen tubers.
After harvest, start immediately drying the crop in store.
To avoid external damages on Sound, grading/handling/packing should be done above 8°C

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