

# 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)	9,1 cm	
Maturity (9=early, 4=late)	6,5	
Colour of skin	LY	
Colour of flesh	7,0	
Suitability for cooking	7,4 B	

## Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	118	128	121
DM (%)	18,6	20,3	20,7
UWW	338	373	380
Tuber size (Ø mm)	52	58	61

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	Average	Average	Average	Average	Average	Average	Average
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	
Black dot	Rather tolerant
Silver scurf	Tolerant
Metribuzin pre-emergence	Susceptible
Metribuzin post-emergence	Tolerant

## Storability

Dormancy* (2=short; 8=long)	7,1
Pressure spots	Rather tolerant
Fusarium	6
Frying/crisping colour in October*	6,3
Frying/crisping colour in February*	5,8
Frying/crisping colour in May*	6,3

\*Potatoes stored at 8°C without sprout inhibitors

## Marketable yield

Bruising index (0-50)	22
Washability	7
Common scab	6
Powdery scab	6
% IRS	1
% Hollow heart	0
Mechanical Damage	Rather susceptible



## Planting

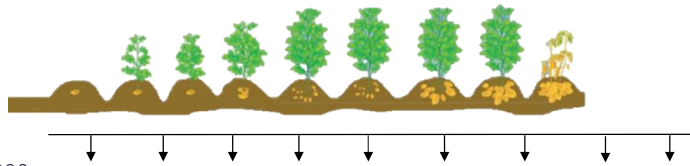
Do not cultivate on soils prone to common scab.  
 Don't store the seed with Talent (Carvon), it stops the sprouting capacity.  
 Plant at a normal depth.  
 Excessive irrigation will lead to lower marketable yield.

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.



Nitrogen:	(N)	200	200
Phosphate:	(P <sub>2</sub> O <sub>5</sub> )	110	110
Potassium:	(K <sub>2</sub> O)	350	350

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

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.  
 Take care of the late blight foliar resistance, do not neglect your blight program.  
 Protect tubers against late blight infection at the end of the growing cycle.



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

Do not irrigate  
too much  
to secure  
quality

