

SOUND

MONDIAL x CMK2003-707-003



Building on potential

Added value of the variety

- Very suitable for home french fries.
- Very nice skin quality.
- Gives high yields from all soil types.
- 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	Rather 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

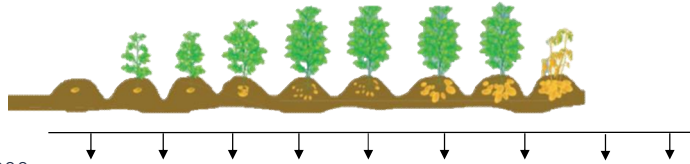
Do not cultivate on soils prone to common scab.
 Don't store the seed with Talent (Carvon), it stops the sprouting capacity.
 Plant at a normal depth.
 Excessive irrigation will lead to lower marketable yield.

Size	75 cm	90 cm	Plant/ha
28/35	29 cm	24 cm	46800
35/45	35 cm	29 cm	38100
35/55	38 cm	32 cm	35100
45/55	39 cm	33 cm	34200
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 ₂ O ₅)	110	110
Potassium:	(K ₂ 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.
 Manage late blight control as usual : spray when there is risk, with full dose and at normal frequency.



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

