

ACOUSTIC

ORCHESTRA x DOB1997-507-015



Building on potential

Added value of the variety

Tasty table potato with low input requirement.
Washable and attractive skin.
Gives high yields from all soil types.
Tolerant to climatic stress.
Early tuber bulking.

Characteristics

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

Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	104	103	100
DM (%)	17,1	18,6	18,7
UWW	308	337	339
Tuber size (Ø mm)	56	61	64

Ro1	9	
Ro2/3	6	
Ro5	2	
Pa2	1	
Pa3	1	
wz 1 (D1)	10	
wz 2 (G1)	4	
wz 6 (O1)	4	
wz 18 (T1)	6	
TRV	5	
Moptop virus	Rather susceptible	

Climate adaptability

Drought tolerance	Tolerant
Secondary growth	7

Fertiliser requirement

	N	P	K	Mg	B	Ca	Mn
Quantity	Low (-25%)	Average	Average	Average	Average	Average	Average
No. applications	1	1	1	1	1	1	1

Chemical requirement

Foliar late blight	9
Tuber late blight	Rather susceptible
Early blight	Rather tolerant
Y-virus	8
Yntn-virus	10
Leafroll virus	
Black dot	Rather susceptible
Silver scurf	Rather susceptible
Metribuzin pre-emergence	Susceptible
Metribuzin post-emergence	Tolerant

Storability

Dormancy* (2=short; 8=long)	4,5
Pressure spots	Rather susceptible
Fusarium	4
Frying/crisping colour in October*	5,2
Frying/crisping colour in February*	4,7
Frying/crisping colour in May*	4,7

*Potatoes stored at 8°C without sprout inhibitors

Marketable yield

Bruising index (0-50)	12
Washability	7
Common scab	6
Powdery scab	7
% IRS	4
% Hollow heart	1
Mechanical Damage	Rather tolerant



Planting

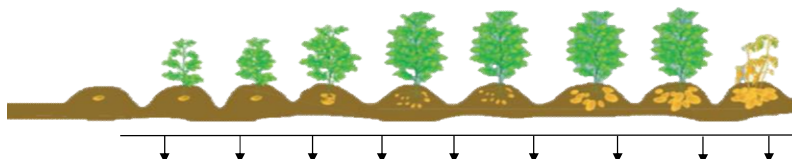
- Plant soon after delivery to avoid pre-sprouting.
- Do not cultivate on soils prone to common scab.
- Plant deep and make big ridges in order to avoid tuber greening.
- Plant in warm soils in order to avoid rhizoctonia.
- Protect the variety against black dot.

Size	75 cm	90 cm	Plant/ha
28/30	22 cm	18 cm	60600
30/40	28 cm	23 cm	47600
30/50	32 cm	27 cm	41700
40/50	36 cm	30 cm	37000
50/60	39 cm	33 cm	34200



Fertiliser input (kg/ha):

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



Nitrogen:	(N)	180	--
Phosphate:	(P2O5)	110	180
Potassium:	(K2O)	250	110
			250

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

Supply 25% less nitrogen than your references varieties and apply all at planting time.



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.
- Manage late blight control as usual : spray when there is risk, with full dose and at normal frequency.
- Protect tubers against late blight infection at the end of the growing cycle.



Harvest and storage

- Wait for a proper set skin before harvest.
- Short dormancy; after harvest and wound healing cool down quickly, keep the temperature stable and start with sprout control.
- Start sprouting inhibitor application as soon as potatoes are dry.
- Susceptible to Fusarium.



Storage:

3 °C
6 months

Key advice to succeed this variety:

- Before planting keep the seed quiet; plant them out of cold storage.
- Plant deep and make big ridges in order to avoid tuber greening.
- Supply 25% less nitrogen than your references varieties and apply all at planting time.
- Wait for a proper set skin before harvest.
- Start sprouting inhibitor application as soon as potatoes are dry.

Avoid
desprouting
before
planting

