

ACOUSTIC Organic

ORCHESTRA x DOB1997-507-015



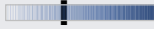

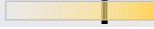
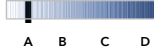
Building on potential

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 

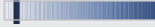




Fertiliser requirement

	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	n/a
Metribuzin post-emergence	n/a

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

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Planting

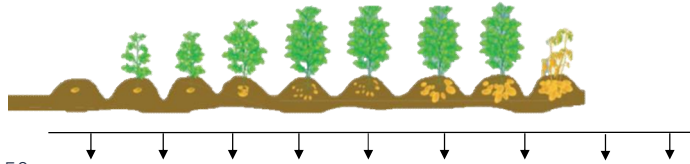
Plant soon after delivery to avoid pre-sprouting.
Do not cultivate on soils prone to common scab.
Plant deep and make big ridges in order to avoid tuber greening.
Plant in warm soils in order to avoid rhizoctonia.

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)	150	150
Phosphate:	(P ₂ O ₅)	110	110
Potassium:	(K ₂ O)	250	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

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.
Short dormancy; after harvest and wound healing cool down quickly, keep the temperature stable and start with sprout control.
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.
Supply 25% less nitrogen than your references varieties and apply all at planting time.
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.

Avoid desprouting before planting

