

# 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

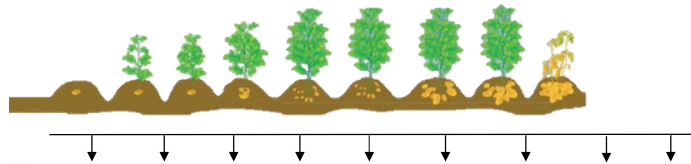
- Plant soon after delivery to avoid pre-sprouting.
- Do not cultivate on soils prone to common scab.
- Plant deep and make big ridges in order to avoid tuber greening.
- Plant in warm soils in order to avoid rhizoctonia.
- Protect the variety against black dot.

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	180
Phosphate:	(P <sub>2</sub> O <sub>5</sub> )	110	110
Potassium:	(K <sub>2</sub> 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

- 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.
- In case of late blight risk into the surrounding area, spray the variety 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**

