ACOUSTIC

MEIJER POTATO

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	RO	
Av. Tuber length (Ø 50-60 mm)	7,4 cm	
Maturity (9=early, 4=late)	6,6	
Colour of skin	LY	
Colour of flesh	6,6	
Suitability for cooking	7,8 A	A B C D

Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	108	100	105
DM (%)	17,2	18,2	18,5
UWW	309	329	334
Tuber size (Ø mm)	56	60	57

Ro1	9
Ro2/3	6
Ro5	2
Pa2	1
Pa3	1
TRV	5
Moptop virus	5

1 = very susceptible to 9 = resistant

wz 1 (D1)	10
wz 2 (G1)	4
wz 6 (O1)	4
wz 18 (T1)	6

3 = very susceptible to 10 = immune

Climate adaptability

Drought tolerance	9
Secondary growth	7

Resistance / Tolerance

Foliar late blight	9
Tuber late blight	3
Early blight	7
Y-virus	8
Yntn-virus	10
Leafroll virus	
Black dot	5
Silver scurf	5
Metribuzin pre-emergence	7
Metribuzin post-emergence	9

1 = very susceptible to 9 = resistant

Storability

Dormancy* (2=short; 8=long)	4,1
Pressure spots	Rather susceptible
Fusarium (9=resistant, 1=very susceptible)	4
Frying/crisping colour in October*	5,3
Frying/crisping colour in February*	4,9
Frying/crisping colour in May*	4,7

**Potatoes stored at 8°C without sprout inhibitors*
Frying/crisping scale : 8= very good, 3=bad

Marketable yield

Bruising index (0=good-50=bad)	10
Hollow heart (%)	1
IRS (%)	4
Washability	7
Common scab	6
Powdery scab	7
Mechanical Damage	7

1 = very susceptible to 9 = resistant

Meijer Potato will not be responsible for possible negative effects originating from this advice.

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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.

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

(N)	Nitrogen:	Low needs for a mid-early variety	180	kg/ha	*Netherlands based advice*
(P2O5)	Phosphate:	Average needs	110	kg/ha	
(K2O)	Potassium:	Average needs	250	kg/ha	



(N) Nitrogen: 100%

(P2O5) Phosphate: 100%

(K2O) Potassium: 100%

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.

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