

## Orchestra

### Robust performance giving high net yields

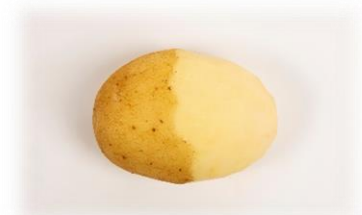
Orchestra is a midseason variety that produces high yields of bold, uniform tubers with white skins and light yellow flesh, that have excellent cooking qualities. Orchestra has strong foliage with good drought and stress tolerance, and has good resistance to skin blemish diseases, making Orchestra well suited for quality bakers and pre-pack markets.

	Orchestra
Yield	High
Underwater Weight	319
Dry Matter %	17.8
Maturity	Medium Early
Dormancy	Medium
Bruising index (*1)	13
Second Growth (*2)	6.8
Common scab (*2)	7.2
Late Blight (*2)	3.0
Tuber Shape	Round Oval/Oval
Percentage 50/+	85
Percentage 40/70	76
Skin Colour	Light Yellow
Flesh Colour	Light Yellow
Eye Depth	Very Shallow
Uniformity	Very Good
Washability	Very Good
Internal Defects (%)	0
Hollow Heart (%)	0
Cooking type February	Firm
Fry Colour fries October (8 °C)	5
Fry Colour fries February (8 °C)	4
Fry Colour fries May (8 °C)	4
Potato Cyst Nematodes Ro1 (*2)	9
Potato Cyst Nematodes Ro2/3 (*2)	
Potato Cyst Nematodes Pa2 (*2)	
Potato Cyst Nematodes Pa3 (*2)	
Wart Disease wz 1 (D1) (*3)	10
Wart Disease wz 2 (G1) (*3)	
Wart Disease wz 6 (O1) (*3)	3
Wart Disease wz 18 (T1) (*3)	

(\*1): 0= none, 50 = severe

(\*2): 9 = resistant, 1 = very susceptible

(\*3): 10 =resistant, 3 = very susceptible



### Characteristics

- Robust and early potato variety.
- Stress resistant and intended for the cooking table potato market.
- Attractive skins and high quality baker

## Agronomy

Soil Nitrogen Supply*	very low, low	medium	high, very high
N input kg/ha	170-240	130-180	100-140

Soil Supply*	very low	low	medium	high	very high
P input kg/ha	250	210	170	100	0
K input kg/h	360	330	300	150	0
Mg input kg/ha	120	80	40	0	0

Storage	7°C	7 months
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50 kg Tuber Count	400	600	800	1000	1200	1400	1600
Population/ha	25859	30257	34472	38929	43755	48871	53485
Spacing/cm	42,29	36,14	31,72	28,09	24,99	22,38	20,45
Seed Rate t/ha	3,23	2,52	2,15	1,95	1,82	1,75	1,67

Values are based on an average soil type and planting date.  
We recommend to contact your local agronomist and adjusting to your own situation and experience.

Timing	Pre-em	Post-em	Comments
Metribuzin sensitivity	Moderate	High	Consider reduced rates or alternative products. Do NOT use post emergence

## General advice for best results

- Burn off while still green to avoid bruising issues.
- Needs a very robust blight programme.
- Just in time grading and deliveries are required to avoid Fusarium developing over winter in customer stores.
- Handle seed tubers carefully and treat with suitable fungicide before planting.

For any further information contact your local Meijer representative or visit our website at:  
[www.agriana.pl](http://www.agriana.pl)

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