

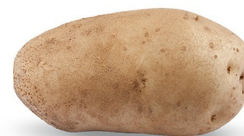
ALVERSTONE RUSSET

CRE 98- 200 X INNOVATOR



Production advice ware potatoes TRADITIONAL FRESH

- Suitable for QSR
- Consistent low sugars
- Very crispy texture
- PCN resistance to Pa2 and Pa3
- Suitable for long term storage



Agronomic characters

Maturity	61	Medium late
Dormancy	60	Medium
Yield mature	104	Moderate high
Tuber size	82	Large
Tuber shape		Oval / Long oval
Number of tubers		12-14
Skin colour		Brown = russet
Flesh after cooking		White
Cooking type		BC - Mealy
Dry matter content/Starch		22,7% / 16,7%
UWW/Specific gravity		420 / 1,091
Internal bruising	11	Quite sensitive
Metribuzin sensitivity	56	● ● ● ● ●
Little Potato disorder	90	● ● ● ● ●



Skin and flesh colour



Cooking type



Maturity

Plant populations

Seed size	Plant population/ha	Row distance	
		75 cm	90 cm
28/35	45.000	30	25
35/45	40.000	33	28
35/55	36.000	37	31
50/55	35.000	38	32
55/65	34.000	39	33
55/65 cut seed	40.000	33	28

Plant depth: normal.

Always check the tuber count for an accurate calculation.

Resistances

Foliage Blight	40	● ● ● ● ●
Tuber Blight	75	● ● ● ● ●
Alternaria	69	● ● ● ● ●
Common scab	51	● ● ● ● ●
Powdery scab	59	● ● ● ● ●
Spraing	85	● ● ● ● ●
PVY	33	● ● ● ● ●
Yntn tuber tolerance	99	● ● ● ● ●

PCN Resistance

Ro1/4 *1	● ● ● ● ●
Ro2/3	● ● ● ● ●
Ro5	● ● ● ● ●
Pa2 *9	● ● ● ● ●
Pa3 *9	● ● ● ● ●

Wart disease

F1 *10	● ● ● ● ●
F2 *1	● ● ● ● ●
F6 *1	● ● ● ● ●
F18 *1	● ● ● ● ●

* HZPC own analysis/no official analysis

Fertilizer

- Adapt fertilization to soil analysis.
- Nitrogen (N): 275 kg N/ha inclusive of soil supply.
- Apply 2/3 before planting and 1/3 as top dressing.
- Phosphate (P) and Potassium (K) : according to standard advice.
- Manganese and magnesium will encourage a strong foliage and prevent premature senescence.

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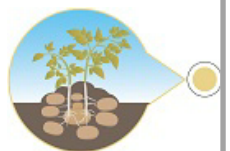
Pre-treatment and planting

- Allow the seed to acclimatize to the local conditions before planting.
- ALVERSTONE RUSSET reacts well to the cutting of seed. Recommended only with seed size above 50mm. Optimum result from 3-4 weeks prior to planting.
- On light soils with free living nematodes there is a higher risk of spraing. Apply a nematicide on these soils.
- Pre-sprouting is not necessary, ALVERSTONE RUSSET can be planted with small white buds.
- Tubers grow quite deep and spread out in the ridge.
- Apply a soil treatment against Rhizoctonia on sensitive soils.



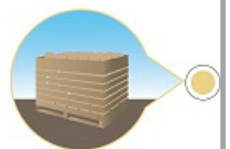
Growing attention points

- Emergence is uniform with a good foliage development.
- Emergence is somewhat slow, later on foliage develops well.
- ALVERSTONE RUSSET has a good cover crop.
- ALVERSTONE RUSSET grows spread in the ridge.
- ALVERSTONE RUSSET is susceptible to metribuzin, also when applied before emergence.
- Use a robust Phytophthora programme, to prevent foliage and tuber blight
- ALVERSTONE RUSSET is susceptible to Alternaria. Start treatments at flowering time.



Haulm killing and harvest

- Ensure the crop is naturally mature before haulm killing.
- Tubers are big. Harvest and store with care to avoid damage and bruising.



Storage

- Take care of the wound healing period.
- Store at a stable 7 °C.
- Use the highest dose of sprout inhibitor at the first application.
- For long term storage it is necessary to use sprout inhibitors.