

Andean Sunside.

(ARD 89-01402 x ARD 88-00883)



Market Outlet:
Table & Speciality

General

Andean Sunside is a fresh table variety with yellow skin and an orange yellow flesh, which expresses even more after cooking. The tubers are small, oval with rather shallow eyes and are irregular in shape. The tuber numbers are good and it has a reasonable yield. The cooking type is very floury and the dry matter content is high. Andean Sunside has to be cultivated on the better soil types because of its susceptibility to stress. Andean Sunside is suitable for cultivation as a speciality variety, and it has a high carotene-level implying improved human health characteristics.

Maturity

Maincrop

Cultivation

Pre-sprouting (chitting) is not necessary. Removal of the sprouts more than once will have a negative effect on the yield. The planting distance of tuber size 35/50mm is about 25cm (52,000 plants per Ha). The susceptibility to Metribuzin (eg. Sencorex) is not yet established. Andean Sunside has slow early development but has good foliage development with strong leaf cover. The tubers are firmly attached to the stolons.

Fertiliser Treatment Suggestions

The recommendation for Nitrogen is standard. Extra Potassium (K₂O) is recommended to decrease the dry matter content.

Storage

Andean Sunside has a very short dormancy and is not suitable for long term storage. The tubers will quickly become soft.

Resistance

Andean Sunside is rather susceptible to common scab. The resistance to blackleg and late blight is good. Andean Sunside is susceptible to PCN and wart disease.

Agronomic Information

Scoring (1= low / poor, 9= high / excellent)

Average Yield

6

Disease Resistance

Quality

Tuber Shape	Oval
Uniformity of shape	5
Eye Depth	6
Skin Colour	Yellow
Flesh Colour	Orange Yellow
Dry Matter (%)	24.1

Foliage Blight	8
Tuber Blight	6
Alternaria (Early Blight)	
Common Scab	5
Powdery Scab	

Agronomy

Dormancy	4
Foliage Maturity	4
Tuber Number (score)	6
Resistance to damage	5
Resistance to bruising	
Secondary Growth	8
Flower Colour	White

Virus Y	
Virus Yntn	
Virus A	
Virus X	
Spraing	
Silver Scurf	
Fusarium (Dry Rot)	
PCN—Ro1	Susceptible
PCN—Pallida	Susceptible
Wart Disease	
Leaf Roll Virus	
Blackleg	8

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