

Sinora.

(AGRIA x AM 70-2166)



Market Outlet:
Chipping, Crisping
& Processing

General

Sinora is a very high yielding dual purpose variety, suitable for crisping and French fries production. The skin colour is yellow and the flesh colour is light yellow. Sinora has oval tubers with shallow eyes. The size is uniform and the yield is good. The cooking type is rather floury, and the French fries and crisping quality is good. The tuber numbers are very good and the dry matter content is rather high. Sinora is suitable for cultivation on most soil types. Sinora is cultivated in the Mediterranean area for early crisp production. In the North Western part of Europe, Sinora is produced for the French Fries and flakes industry.

Maturity

Early Maincrop

Cultivation

Pre-sprouting (chitting) and/or a temperature shock will influence the earliness and total yield. De-sprouting can be done, but no more than twice. The planting distance of tuber size 35/55mm is about 32cm (41,500 plants per Ha). Use of Metribuzin (eg. Sencorex) often gives some discolouration of the leaf, and sometimes a little yield reduction. The foliage development is good. Sinora is a little susceptible to harvest damage and bruising so care must be taken when handling at harvest. A strict preventative spraying schedule against Late Blight is necessary, as Sinora is quite susceptible to it.

Fertiliser Treatment Suggestions

The recommendation for Nitrogen is 50Kgs more than standard. The recommendation for Potassium is 10% more than standard. The recommendation for Phosphate is standard.

Storage

Sinora has a moderate dormancy and is suitable for short to medium term storage. The processing quality remains very good even after a medium term storage.

Resistance

Sinora has good virus resistance. It is also resistant to PCN Ro1 & 4, but is susceptible to Wart Disease.

Agronomic Information

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

Average Yield

7.5

Disease Resistance

Quality

Tuber Shape Oval Round

Uniformity of shape 7

Eye Depth 6.5

Skin Colour Yellow

Flesh Colour Light Yellow

Dry Matter (%) 22.2

Foliage Blight 5

Tuber Blight 5

Alternaria (Early Blight)

Common Scab 5

Powdery Scab 5

Virus Y 7

Virus Yntn 7

Virus A

Virus X 8

Spraing 6

Silver Scurf

Fusarium (Dry Rot) 7

PCN—Ro1 Resistant

PCN—Pallida (Pa2=4, Pa3=2)

Wart Disease Susceptible

Leaf Roll Virus 6

Blackleg 6

Agronomy

Dormancy 6

Foliage Maturity 7

Tuber Number (score) 6.5

Resistance to damage 5

Resistance to bruising 6

Secondary Growth 7

Flower Colour White

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