

Alicante.



(AR 97-3246 x AR 96-1218)

Market Outlet:
Crisping & Processing

General

Alicante is a high dry matter variety with very uniformly sized round oval tubers making it ideal for crisping and also suitable for the flake industry. Tubers have shallow eyes and a yellow skin and flesh colour. Field trials have shown Alicante to be resistant to PCN *G. Pallida* but it is not tolerant, meaning that it should help to reduce PCN populations in the soil when combined with a nematicide treatment to protect yields.

Maturity

Maincrop

Cultivation

Don't plant Alicante straight from the cold store. Proper pre-sprouting (chitting) is the best method before planting to have a good tuber set. De-sprouting more than once can have a negative impact on the regularity of tuber size and yield. Planting distance with tuber size 35/50mm is about 30cm (45,000 plants per Ha). Use of Metribuzin (eg. Sencorex) can give some discolouration of the foliage, but no yield reduction. A preventive spraying schedule against Late Blight is necessary, although Alicante is only a little susceptible to it. It is advised to wait at least three weeks after haulm killing before harvesting, as Alicante is sensitive to harvest damage and quite sensitive to bruising.

Fertiliser Treatment Suggestions

The recommendation for Nitrogen is 10kgs more than standard. The recommendation for Potassium is 20% more than standard, and for Phosphate is standard.

Storage

Alicante has an average dormancy and is suitable for medium term storage for up to 6 months.

Resistance

Alicante is resistant to PCN (PA2) and potato wart disease fysio 1, and partially resistant to PCN (RO1, 4 and PA3).

Agronomic Information

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

Crisping

Average Yield 7

Disease Resistance

Quality

Tuber Shape Round Oval

Uniformity of shape 7

Eye Depth 7

Skin Colour Yellow

Flesh Colour Yellow

Dry Matter (%) 25.8

Foliage Blight 7

Tuber Blight 6

Alternaria (Early Blight)

Common Scab 6

Powdery Scab 5

Virus Y 7

Virus Yntn 7

Virus A

Virus X

Spraing 5

Silver Scurf

Fusarium (Dry Rot) 7

PCN—Ro1 & 4 Partially resistant

PCN—Pallida (Pa2=8, Pa3=6)

Wart Disease (1) Resistant

Agronomy

Dormancy 5.5

Foliage Maturity 5.5

Tuber Number (score) 7

Resistance to damage 5

Resistance to bruising 6

Secondary Growth 7

Flower Colour White

Leaf Roll Virus

Blackleg

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