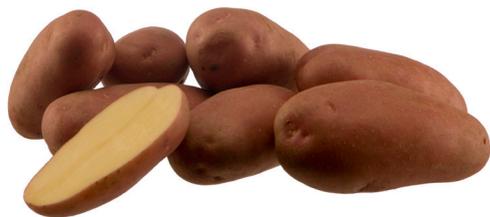


Manitou.



(LAURA x MARANCA)

Market Outlet:
Table

General

Manitou is a high yielding red skinned table variety with a light yellow flesh colour. It produces large, uniformly sized oval long tubers which have shallow eyes. Numbers of tubers are moderate. Being a rather firm cooking type with a good dry matter content, Manitou is suitable for baking, roasting, home fries and makes a lovely, smooth mashed potato. Manitou has a good heat tolerance, will grow well on most soil types, and is suitable for growing in traditional red skin areas. Agronomically, it is an improvement on Desiree, matching it in terms of yield, disease resistance and dry matter.

Maturity

Maincrop

Cultivation

In order to achieve good tuber numbers, pre-sprouting (chitting) is recommended. Planting directly out of store is not recommended. The removal of sprouts more than once will affect the tuber numbers. Planting distance for tuber size 35/55mm is about 35cm (40,000 plants per Ha). Proper ridging up is necessary. **DO NOT use Metribuzin (eg. Sencorex) as it gives severe foliage reaction and serious yield reduction.** Foliage development of Manitou is good. Foliage is firm and soil coverage is good. After haulm killing allow at least 3 weeks before harvesting to achieve a good skin set, and anywhere up to 6 weeks to avoid the potential for scuffing.

Fertiliser Treatment Suggestions

Standard rates of Nitrogen and Phosphate are sufficient. The recommendation for Potassium is 10% more than standard.

Storage

Manitou has a good dormancy and is suitable for medium to long term storage at a temperature of 5°C.

Resistance

Manitou can be susceptible to Foliage Blight, although its resistance to Tuber Blight, Virus Yn, Virus Yntn and to Spraing is good. The variety is slightly susceptible to Common Scab. Manitou is resistant to PCN Ro1, 2, 3 & 4, and Wart Disease fysio 1.

Agronomic Information

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

Average Yield

8

Disease Resistance

Quality

Tuber Shape Oval Long

Uniformity of shape 7

Eye Depth 8

Skin Colour Red

Flesh Colour Pale Yellow

Dry Matter (%) 19.7

Foliage Blight 5

Tuber Blight 7

Alternaria (Early Blight)

Common Scab 6

Powdery Scab 6

Virus Y 6

Virus Yntn 7

Virus A

Virus X

Spraing 7

Silver Scurf

Fusarium (Dry Rot) 6

PCN—Ro1, 2, 3 & 4 Resistant

PCN—Pallida Susceptible

Wart Disease (1) Resistant

Leaf Roll Virus

Blackleg 6

Agronomy

Dormancy 6

Foliage Maturity 5

Tuber Number (score) 6

Resistance to damage 6

Resistance to bruising 8

Secondary Growth 8

Flower Colour Violet

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