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Physalis pruinosa - L.

Common Name

Strawberry Tomato

Family

Solanaceae

Synonyms

P. pubescens grisea. Waterfall. = P. pubescens

Known Hazards

All parts of the plant, except the fruit, are poisonous[19, 65].

Habitats

Dry open often sandy soils, old fields and wasteland[43].

Range

Eastern N. America - Wisconsin, New York and south to Florida.

Edibility Rating



Medicinal



Care



Summary

Physical Characteristics



Physalis pruinosa is a ANNUAL growing to 0.6 m (2ft). It is hardy to zone (UK) 5 and is not frost tender. It is in flower from Jul to September. The flowers are hermaphrodite (have both male and female organs) and are pollinated by Insects.

USDA hardiness zone: 4-8

Suitable for: light (sandy), medium (loamy) and heavy (clay) soils and prefers well-drained soil. Suitable pH: acid, neutral and basic (alkaline) soils. It can grow in semi-shade (light woodland) or no shade. It prefers dry or moist soil.

Habitats

Cultivated Beds;



http://commons.wikimedia.org/wiki/User:Carstor





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Edible Uses
Edible Parts: Fruit.

Edible Parts: Fruit

Fruit - raw or cooked in pies, preserves etc[105]. A delicious bitter sweet flavour. The plant conveniently wraps up each fruit in its own 'paper bag' (botanically, the calyx) to protect it from pests and the elements. This calyx is toxic and should not be eaten.

Medicinal Uses

Plants For A Future can not take any responsibility for any adverse effects from the use of plants. Always seek advice from a professional before using a plant medicinally.

None known

Other Uses

None known



Cultivation details

Succeeds in any well-drained soil in full sun or light shade [200]. The young growth in spring can be damaged by late frosts. Occasionally cultivated for its edible fruit, there are some named varieties. Similar to P. peruviana [200].

Propagation

Seed - sow March/April in a greenhouse only just covering the seed. Germination usually takes place quickly and freely. Prick out the seedlings into individual pots of fairly rich soil when they are large enough to handle and plant them out after the last expected frosts. Consider giving them some protection such as a cloche until they are growing away well. Diurnal temperature fluctuations assist germination[170].

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Expert comment

Author L.

Botanical References

43170200

Links / References

[43]Fernald. M. L. Gray's Manual of Botany.

A bit dated but good and concise flora of the eastern part of N. America.

[105] **Tanaka. T.** Tanaka's Cyclopaedia of Edible Plants of the World.

The most comprehensive guide to edible plants I've come across. Only the briefest entry for each species, though, and some of the entries are more than a little dubious. Not for the casual reader.

 $\label{eq:condition} \textbf{[170]} \textbf{Dremann. C. G.} \ Ground \ Cherries, Husk Tomatoes \ and \ Tomatilloes.$

Only a small booklet but it covers the various species in some depth.

[200] Huxley. A. The New RHS Dictionary of Gardening. 1992.

Excellent and very comprehensive, though it contains a number of silly mistakes. Readable yet also very detailed.

Readers comment

daniel H.

Daniel Halsey is a Temperate Climate Polyculture Designer for the Permaculture Research Institute, Cold Climate in Minneapolis, Minnesota Ilsa

Aug 9 2010 12:00AM

This plant is native to Minnesota and is easily cultivated. It is used as a trap crop for Colorado potato Beetle, but with minor management produced bountiful clusters of fruits and is a perennial spreading by rhizomes. It is easily transplanted and makes a great ground cover in orchards. Its flavor is described as a sweet pineapple tomato mix. Daniel Halsey Southwoodsforestgardens.blogspot.com pricoldclimate.org

Southwoods Forest Gardens



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