

ENVIRONMENTAL HORTICULTURE

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JAPANESE ANENOME PRODUCTION AND CONSUMER CARE

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INTRODUCTION

- Common name: Japanese anemone
- Scientific name: *Anemone hupehensis* var. *japonica*
- Name ‘anemone’ derived from the Greek for ‘wind’
- Grows 1-5 feet tall
- Saucer-shaped flowers range from 2-4 inches in diameter and bloom late summer through autumn
- Flowers can be white, pink, or red
- Hardy in zones 4-8
- Genus *Anemone* contains over 120 species, including Japanese anemone

GROWTH AND DEVELOPMENT

- Thrives in partial shade and sheltered areas

- Requires media with good drainage; organic matter should be incorporated into the media
- Average water needs
- If media is acidic, lime should be added
- If media contains organic matter, little fertilizer is required
- Plants break ground very late in spring; marking beds with stakes is helpful
- Plants should be cut down to the ground after flowering is complete
- Hardy during winter if mulched with light leaves or straw

PROPAGATION

- Not grown from seed; take root cuttings in autumn and replant the

following autumn when the ground is moist

- When taking root cuttings, leave the parent plant in the soil
- Cut roots into 2 inch lengths, each including a growth bud
- Lay sections horizontally on a tray of compost and cover with 1/3 inch of sand
- Place the tray in a sheltered corner of the garden; shoots will emerge the following spring and transplanting should take place in autumn
- Set plants 12-18 inches apart

DISORDERS

- Root rot (*Pythium*)
 - Can rot germinating seeds or cause root rot
 - Produces a tan, water soaked appearance to roots and stems
 - Provide drainage; water early in the day
- Blight (*Rhizoctonia solani*)
 - Causes well defined lesions
 - Provide drainage; water early in the day
- *Botrytis* infection
 - Can blight flowers, leaves, and stems
 - Reduce periods of leaf wetness
- Powdery mildew (*Erysiphe cichoracearum*)
 - White spots and patches on foliage, stems, and buds
 - Reduce humidity and remove infected foliage
- Foliar nematode infection

- Causes small sections between veins to turn brown
- Remove badly infected leaves

CONSUMER CARE

- Expands flower season well into autumn
- Combines well with other perennials in a border

CULTIVARS AND SPECIES

- *Anemone hupehensis* var. *japonica*
 - 'September Queen': carmine-pink flowers; especially resistant to insects
 - 'Prince Henry': purple semi-double flowers
- *Anemone x hybrida*
 - 'Honorine Jobert': very popular; pure white flowers
 - 'Queen Charlotte': large, semi-double pink flowers
 - 'Whirlwind': semi-double white flowers

References

<http://www.plantideas.com/plants/anemones.html>
http://www.bbc.co.uk/gardening/plants/plantprofile_anemones.shtml
<http://www.agnr.umd.edu/MCE/Publications/Publication.cfm?ID=95>

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