

## Carrots

### Powdery Mildew

Howard F. Schwartz

(*Oidium*-type, *Erysiphe heraclei*): white mycelium and spores, which may be dense, on all above-ground plant parts including leaves and petioles, as well as flower stalks and bracts. As spots enlarge on leaves, the foliage may become, early senescence may occur.

Infection is favored by high humidity and moderate temperatures, but damage can be most severe in dry, warm climates. Powdery mildew is more severe under shady conditions, since sunlight damages the spores and mycelium. Crops become more susceptible as they age.

Other controls include crop rotation, use of less susceptible cultivars, good plant vigor while avoiding excess fertilization. Avoid shady growing conditions or water stress; in Israel, mulches applied to crops reduced drought stress and powdery mildew severity.

#### *Product list for Powdery Mildew:*

<b>Pesticide Common/Trade Name</b>	<b>Product per acre</b>	<b>Application Frequency (days)</b>	<b>Remarks</b>
Cabrio	8-12 oz	7-14 days	Maximum of 3 applications and 48 oz/A; 0 days PHI
Pristine	8-10.5 oz	7-14 days	Maximum of 6 applications and 63 oz/A; 0 days PHI

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Categories: Carrot, Powdery mildew, Diseases

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