



Special Solutions. For Specialty Markets

A-Rest* Plant Growth Regulator

Application Tips



Suggested Trial Rates on Perennials

The amount of A-Rest required for an optimum growth response depends upon stage of growth, container size, method of application, and seasonal/variety responses. Cultural practices and environmental conditions such as potting media, irrigation, fertilization, light, humidity and temperature will also affect the growth response to a given dosage.

Therefore, growers should establish and maintain records of application rates based on small-scale treatments under actual use conditions, for individual species and varieties. Generally, growers in northern, cooler climates will use rates at the lower end of the ranges listed. Growers in warmer, southern climates will use rates at the upper end of the ranges.

Note: A-Rest has been found to be effective on the following species of perennials. Unless otherwise noted, A-Rest should be trialed at a base rate of 26 ppm as a foliar spray or at 2 ppm as a soil drench. Adjust rate up or down according to the results obtained in your initial trial.

A-Rest + B-Nine® combinations have been shown to be more effective than either product alone on some perennials. A trial rate of 10 ppm A-Rest + 1,875 ppm of B-Nine is suggested.

Crop/species (responsive variety)	Application Rates and Comments
<i>Achillea</i>	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Alternanthera/Joseph's Coat</i>	Spray 35-132 ppm, Drench 2-4 ppm.
<i>Alcea</i>	Spray 10 ppm in plug stage.
<i>Anacyclus</i>	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Aquilegia (Star series)</i>	Spray 10 ppm A-Rest + 1,875 ppm B-Nine as needed.
<i>Armeria</i>	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Asclepias tuberosa</i>	See Note Above.
<i>Bleeding Heart/Dicentra</i>	See Note Above. When used as a foliar spray at concentrations greater than 132 ppm, curling and burning of foliar will occur.
<i>Bluebell/Campanula rotundifolia</i>	See Note Above.
<i>Boltonia (Pink Beauty)</i>	Spray 15 ppm A-Rest + 1,250 ppm B-Nine as needed.
<i>Catananche</i>	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Clematis</i>	See Note Above.
<i>Columbine</i>	Spray 65-132 ppm, Drench 2-4 ppm (apply when five to eight leaves have developed per plant).
<i>Cornflower</i>	Spray - after transplant 10-15 ppm. Finished 15-26 ppm.
<i>Cosmos</i>	See Note Above.
<i>Crepe</i>	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Delphinium</i>	Spray 30-132 ppm, apply when plants are well rooted but prior to flower initiation, 8 ppm in plug stage; Drench 2-4 ppm.
<i>Echinacea purpurea (Bravado)</i>	Spray up to 100 ppm.
<i>Eupatorium coelestinum</i>	Spray 66-99 ppm.
<i>Gaillardia (Burgundy)</i>	Spray 15 ppm A-Rest + 2.5 ppm Sumagic® as needed.

Suggested Trial Rates on Perennials

Gardenia	See note on front side.
Gaura	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Gerbera Daisy	Spray 25-132 ppm; Drench 2-4 ppm.
Gypsophila	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Helenium	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Hibiscus	Spray 10 ppm in plug stage.
Holly	See note on front side.
Hydrangea	See note on front side.
Hyssopus	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Iberis	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Isotoma	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Jasione	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Lantana	See note on front side.
Lathyrus	Spray 10 ppm - early plug stage if needed.
Lavendar/ <i>Lavandula</i> (Lady)	Spray 10 ppm in early plug stage.
<i>Lavandula angustifolia</i> (Munstead Dwarf)	Spray < 100 ppm.
Liatris	See note on front side.
Lobelia/ <i>Lobelia x speciosa</i> (Compliment Scarlet, Queen Victoria)	Spray < 100 ppm.
Linum perenne	Spray 30 ppm.
Lupinus	Spray 10 ppm in early through late plug stage.
Malva	Spray 10 ppm in plug stage.
Moluccella	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Monarda	Spray 10 ppm in early through late plug stage or Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Nemesia	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Nepeta	Spray 10 ppm in early through late plug stage.
Papaver	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Penstemon	Spray 10 ppm in early through late plug stage.
Platycodon	Spray 10 ppm in plug stage.
Poppies	Spray 12 ppm in plug stage.
Primula	Spray 4 ppm in plug stage.
Pyrethrum	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Salvia	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Santolina	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
Saponaria	Spray 10 ppm in early through late plug stage.
Scabiosa	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Silena mexicana</i>	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Thymus serpyllum</i>	Spray 10 ppm in plug stage.
Verbascum	Drench 1 ppm stage 3 plugs, 1-2 ppm for finish.
<i>Veronica x</i> (Sunny Border Blue)	Spray < 100 ppm.