



Special Solutions. For Specialty Markets

A-Rest^{*} Plant Growth Regulator

Application Tips



Suggested Rates on Bedding Plants & Plugs

The amount of A-Rest required for an optimum growth response depends upon pot size, stage of growth, method of application, season and varietal response.

Species specific cultural practices such as watering, potting media, fertilization and temperature will also affect the growth response to a given dosage. Therefore, you should establish specific application rates based on small-scale treatments under actual use conditions and keep records as to plant species and variety sensitivity. Generally, growers in northern, cooler climates will use rates at the lower end of the range, while growers in warmer, southern climates use rates at the upper end of the ranges listed.

Sprencing Plugs: The sprenc technique refers to applying at least 1 gallon of spray solution to 100 square feet, or double a normal spray application volume. The method is intended to place spray solution into the top of the soil media where the root will absorb the active ingredient once emerged. This method allows for early growth control with ease of application and less variation in rates. This treatment should provide growth control for up to two weeks at the correct rate. Fertilizer should not be held back for growth control when using the sprenc application. Reapplication may be made when plants are no longer showing growth control.

Ageratum	On plugs: 2 - 6 ppm sprenc at radicle emergence, 3-7 ppm spray after true leaves have emerged. After transplanting: 8-15 ppm spray (7-10 days after transplanting)
Alyssum	On plugs: 6 -10 ppm sprenc at radicle emergence, 8-16 ppm spray (begin applying when plugs are at full stand) After transplanting: not recommended
Aster	On plugs: 6 -10 ppm sprenc at radicle emergence, 7-12 ppm spray (after appearance of 1-2 true leaves) After transplanting: 15-26 ppm spray (7-10 days after transplanting)
Begonia	On plugs (if needed): 3-5 ppm spray (as needed) After transplanting: 6-16 ppm spray (1-2 weeks after transplanting) On hanging baskets: 1/2 - 1 ppm drench (after a good root system has developed after final transplanting)
Celosia	On plugs: 6 - 10 ppm sprenc at radicle emergence, 5 -10 ppm spray (after appearance of 1-2 true leaves) After transplanting: 10-15 ppm spray (7-10 days after transplanting)
Cleome	On plugs: 6 - 10 ppm sprenc at radicle emergence, 7-12 ppm spray (after appearance of 1-2 true leaves) After transplanting: 15-26 ppm spray (7-10 days after transplanting)
Coleus	On plugs: 6 - 10 ppm sprenc at radicle emergence, 7-12 ppm spray (after appearance of 1-2 true leaves) After transplanting: 12-20 ppm spray (apply when needed to check growth)
Cosmos	On plugs: 6 - 10 ppm sprenc at seeding, 10 - 25 ppm spray (after appearance of 1-2 true leaves) After transplanting: Not recommended.
Dahlia seed	On plugs: 2 - 6 ppm sprenc at radicle emergence, 7-12 ppm spray (after appearance of 2-3 true leaves) Before transplanting: 10-15 ppm spray (one week before transplanting) After transplanting: 12-24 ppm spray (7-10 days after transplanting) or 1-3 ppm drench on pots or baskets Bedding Plants (holding): 15-26 ppm spray or 2-4 ppm drench

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Dianthus	On plugs: 6 - 10 ppm srench at radicle emergence, 10-15 ppm spray (after appearance of 1-2 true leaves) After transplanting: 15-26 ppm spray (7-10 days after transplanting)
Dusty Miller	On plugs: 6 - 10 ppm srench at radicle emergence, 5-10 ppm spray (after appearance of 1-2 true leaves) After transplanting: 7-12 ppm spray (7-10 days after transplanting)
Geranium	On plugs: 6 - 10 ppm srench at radicle emergence, 26-35 ppm spray (after appearance of 1-2 true leaves) After transplanting: 33-66 ppm spray (3-7 days after transplanting)
Impatiens	On plugs: 6 - 10 ppm srench at radicle emergence, 10-20 ppm spray (after appearance of 1-2 true leaves) After transplanting: 20-33 ppm spray (5-7 days after transplanting) or 2-4 ppm drench
Lobelia	On plugs: 2 - 6 ppm srench at radicle emergence, 7-12 ppm spray (after appearance of 1-2 true leaves) After transplanting: 10-15 ppm spray (7-10 days after transplanting)
Marigold	On plugs: 6 - 10 ppm srench at radicle emergence, 13-20 ppm spray (after appearance of 1-2 true leaves) After transplanting: 18-26 ppm spray (5-7 days after transplanting)
Pansy	On plugs: 2 - 6 ppm srench at radicle emergence, 3-7 ppm spray (after appearance of 3rd true leaf) After transplanting: 8-10 ppm spray (7-10 days after transplanting) Bedding Plants (holding): 11-15 ppm spray
Petunia	On plugs: 2 - 6 ppm srench at radicle emergence, 10-15 ppm spray (after appearance of 1-2 true leaves) After transplanting: 15-20 ppm spray (5-7 days after transplanting) 1-2 ppm drench (apply after root system is established)
Phlox	On plugs: 2 - 6 ppm srench at radicle emergence, 7-12 ppm spray (after appearance of 1-2 true leaves) After transplanting: 10-15 ppm spray (7-10 days after transplanting)
Portulaca	On plugs: 6 - 10 ppm srench at radicle emergence, 10-15 ppm spray (after appearance of 3-4 true leaves) After transplanting: 15-20 ppm spray (7-10 days after transplanting)
Salvia	On plugs: 6 - 10 ppm srench at radicle emergence, 15-20 ppm spray (after appearance of 1st true leaf) After transplanting: 20-26 ppm spray (7-10 days after transplanting)
Snapdragon	On plugs: 6 - 10 ppm srench at radicle emergence, 12-20 ppm spray (after appearance of 1st true leaf) After transplanting: not recommended
Verbena	On plugs: 6 - 10 ppm srench at radicle emergence, 12-20 ppm spray (after appearance of 1-2 true leaves) After transplanting: 15-26 ppm spray (7-10 days after transplanting)
Vinca	On plugs: 2 - 6 ppm srench at radicle emergence, 7-16 ppm spray (after appearance of 1-2 true leaves) After transplanting: 10-20 ppm spray (7-10 days after transplanting)
Viola	On plugs: 2 - 6 ppm srench at hook, 3-7 ppm spray (after appearance of 3rd true leaf) After transplanting: 8-10 ppm spray (7-10 days after transplanting) Bedding Plants (holding): 11-15 ppm spray
Zinnia	On plugs: 2 - 6 ppm srench at radicle emergence, 7-12 ppm spray (after appearance of 1-2 true leaves) After transplanting: 10-15 ppm spray (7-10 days after transplanting)