

SPRING ANNUAL BEDDING PLANTS

PGR Guide



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There are many PGR products, application methods, and rates that can be used to grow high quality bedding plants. BFG recommends the following PGR program guidelines for various groups of spring bedding plants. In addition to using these programs as a guide, the appearance of the plant can also indicate if your crop is sufficiently regulated or in need of another application. Small, dark green leaves that are curled downward indicate that your plants are still under the spell of PGR's. Once the plant starts sending out new growth and lighter green leaves indicate that the plant is breaking free of the PGR and may need another application. If you accidentally over-regulate your crop, options to encourage growth are additional fertilizer applications, or Fascination (Configure) applications as needed. Please always read the labels before applying and start by trialing in small batches. The labels provide guidelines on choosing application rates, and generally its best to begin with a lower rate and increase if more growth regulation is needed. Each grower's situation is different, so the key is to trial, make small adjustments, and over time you can develop a plant growth regulator program that is ideally suited to your crops.

Geraniums

To Delay Flowering:

Florel 300 to 500ppm as a spray, first application 7 to 10 days after transplant when plug is rooting out. Earlier applications will delay rooting. Then apply weekly until 8 weeks before desired flower date.

To Control Internode Elongation and Petiole Stretch:

Tank Mix of B-Nine/Cycocel at B-Nine 1250 to 2500ppm and Cycocel at 500 to 1000ppm as a spray. Cycocel must be applied early in the day and needs to dry quickly to prevent yellowing foliage. This can be applied at transplant based on plug size and then every 7 to 14 days based on plant growth.

Or Topflor at 5 to 15ppm as a spray as needed. These are recommendations for zonal geraniums, seeded varieties may require lower rates.

Or Sumagic at 2 to 6ppm as a spray as needed.

Or A-Rest at 20 to 60ppm as a spray as needed, wait until 3 to 7 days after transplanting. These are recommendations for zonal geraniums, seeded varieties may require lower rates.

To Stop a Properly Sized Plant:

Bonzi/Pac-O at 5 to 10ppm as a spray or at 0.5 to 1ppm as a drench.

Or Topflor at 0.25 to 0.5ppm as a drench.

Impatiens

To Control Internode Elongation:

Tank Mix of B-Nine/Cycocel at B-Nine 1250 to 2500ppm and Cycocel at 500 to 1000ppm as a spray. Cycocel must be applied early in the day and needs to dry quickly to prevent yellowing foliage. This can be applied at transplant based on plug size and then every 7 to 14 days based on plant growth.

Or Topflor at 10 to 20ppm as a spray as needed.

Or Sumagic at 5 to 10ppm as a spray as needed.

Or A-Rest at 15 to 25ppm as a spray as needed, wait until 5 to 7 days after transplanting. A drench can also be done at 2 to 3ppm.

To Stop a Properly Sized Plant:

Bonzi/Pac-O at 10 to 20ppm as a spray or at 1 to 2ppm as a drench.

Or Topflor at 0.5 to 1ppm as a drench.

New Guinea Impatiens

To Control Internode Elongation:

Topflor at 5 to 10ppm as a spray as needed. Apply 2 to 4 weeks after transplant.

To Stop a Properly Sized Plant:

Bonzi/Pac-O at 5 to 10ppm as a spray or at 0.5 to 1ppm as a drench.

Or Topflor at 0.25 to 0.5ppm as a drench.



Begonia

To Control Internode Elongation:

Controlling the moisture level is a very good tool in controlling internode elongation, Begonias need to dry down between irrigations.

Or B-Nine at 2500 to 5000ppm as a spray as needed.

Or Cycocel at 500 to 1000ppm as a spray. Cycocel must be applied early in the day and needs to dry quickly to prevent yellowing foliage.

Or Topflor at 1 to 2ppm as a spray as needed. Apply 2 to 4 weeks after transplant.

Or A-Rest at 5 to 15ppm as a spray as needed, wait until 1 to 2 weeks after transplant.

To Stop a Properly Sized Plant:

Bonzi/Pac-O at 1 to 2ppm as a spray.

Or Topflor at 1 to 3ppm as a spray.

Upright/ Compact Annuals (Examples: Gerbera, Zinnia, Marigold, Pansy)

To Delay Flowering:

Florel 300 to 500ppm as a spray, first application 7 to 10 days after transplant when plug is rooting out. Earlier applications will delay rooting.

To Control Internode Elongation:

Tank Mix of B-Nine/Cycocel at B-Nine 2500 to 5000ppm and Cycocel at 750 to 1000ppm as a spray as needed. Cycocel must be applied early in the day and needs to dry quickly to prevent yellowing foliage.

Or Topflor at 10 to 20ppm as a spray as needed.

Or Sumagic at 5 to 20ppm as a spray as needed.

Or A-Rest at 5 to 40ppm as a spray as needed, wait until 5 to 10 days after transplanting.

Or Bonzi/Pac-O at 10 to 40ppm as a spray as needed.

To Stop a Properly Sized Plant:

Bonzi/Pac-O at 1 to 4ppm as a drench.

Or Topflor at 0.5 to 2ppm as a drench.

Trailing/ Branching Annuals (Examples: Calibrachoa, Petunia, Verbena, Scaevola)

To Delay Flowering:

Florel 300 to 500ppm as a spray, first application 7 to 10 days after transplant when plug is rooting out. Earlier applications will delay rooting.

To Control Internode Elongation:

Tank Mix of B-Nine/Cycocel at B-Nine 5000 to 7500ppm and Cycocel at 750 to 1000ppm as a spray as needed. Cycocel must be applied early in the day and needs to dry quickly to prevent yellowing foliage.

Or Topflor at 10 to 35ppm as a spray as needed.

Or Sumagic at 10 to 30ppm as a spray as needed.

Or A-Rest at 10 to 60ppm as a spray as needed, wait until 5 to 10 days after transplanting.

Or Bonzi/Pac-O at 20 to 60ppm as a spray as needed.

To Stop a Properly Sized Plant:

Bonzi/Pac-O at 2 to 6ppm as a drench.

Or Topflor at 1 to 3.5ppm as a drench.

