



# Topflor® & A-Rest®

## Ornamental Plant Growth Regulators



As you work to grow extraordinary plants for your customers, plant growth regulators play a pivotal role in ensuring consistent and optimal plant development. **TopFlor** offers unmatched versatility for both vigorous and slow-growing species, being cost-effective and efficient in both drench and foliar spray applications. **A-Rest**, the go-to PGR for plugs, transplants, and perennials, ensures compact growth with vibrant leaves and no adverse effects on blooms. Both ensure your plants are robust and ready for transplanting and shipping. Choose the best for your plants.

Species	Product	Application Type	Notes
Ageratum	A-Rest	After transplanting	8 - 15 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	6 ppm srench at radicle emergence, 3 - 7 ppm spray after true leaves emerged
	Topflor	Spray	40 - 80 ppm: 40 ppm Topflor > 30 ppm Bonzi® = 5 ppm Sumagic®
Alyssum	A-Rest	After transplanting	Not recommended
	A-Rest	On plugs	6 - 10 ppm srench at radicle emergence, 8 - 16 ppm spray (begin applying when plugs are at full stand)
Amaranthus	Topflor	Spray	60 - 80 ppm: 60 ppm Topflor = 80 ppm Piccolo®. Topflor controlled diameter growth where Piccolo did not
Angelonia	Topflor	Dip	4 ppm (10 min): 4 ppm Topflor = 16 ppm Piccolo
Anisodentia	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Argyranthemum	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
	Topflor	Spray	75 ppm: 75 ppm Topflor = 16 ppm Sumagic®
Aster	A-Rest	After ransplanting	6 - 16 ppm spray (1 - 2 weeks after transplanting)
	A-Rest	On hanging baskets	1/2 - 1 ppm drench (after a good root system has developed after final transplanting)
	A-Rest	On plugs (if needed)	3 - 5 ppm spray (as needed)
Azalea (Encore)	Topflor	Drench	6 ppm drench after first shear when plant fills pot
Bee Balm Plant	Topflor	Drench	2 - 3 ppm
	Topflor	Spray	75 ppm: Recommend split into apps of 38 ppm
Begonia	Topflor	Spray	2.5 - 10 ppm: 10 ppm Topflor = 30 ppm Bonzi = 5 ppm Sumagic
Caladium	Topflor	Dip	20 - 40 ppm (10 min)
	Topflor	Drench	4.25 - 17 ppm: Assumes 4 fl oz of solution/pot
Calceolaria	Topflor	Spray	10 - 30 ppm: Similar activity to Bonzi
Calibrachoa	Topflor	Drench	Tone: 3 ppm; Stop: 5ppm
	Topflor	Spray	8 - 20 ppm: 15 ppm Topflor = 30 ppm Bonzi
Calibrachoa (Proven Winner)	Topflor	Drench	3 ppm x 2: 2nd drench followed 2 week after initial, dependent on vigor
Campanula	Topflor	Spray	20 - 30 ppm: Topflor plants flowered quicker than Bonzi
Celosia	A-Rest	After transplanting	10 - 15 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm srench at radicle emergence, 5 - 10 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Spray	20 - 80 ppm: 40 ppm Topflor = 30 ppm Bonzi
Chrysanthemum, Garden	Topflor	Spray	50 - 100 ppm: 7 days after pinch
Chrysanthemum, Pot	Topflor	Spray	15 - 25 ppm
Chrysocephalum	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Cleome	A-Rest	After transplanting	15 - 26 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm srench at radicle emergence, 7 - 12 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Coleus	A-Rest	After transplanting	12 - 20 ppm spray (apply when needed to check growth)
	A-Rest	On plugs	6 - 10 ppm srench at radicle emergence, 7 - 12 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Dip	.25 - .5 ppm (30 sec):
	Topflor	Drench	1 - 4 ppm
	Topflor	Spray	20 - 60 ppm: 40 ppm Topflor > 30 ppm Bonzi and 5 ppm Sumagic
Coreopsis	Topflor	Spray	20 - 80 ppm
Cosmos	A-Rest	After transplanting	Not recommended.
	A-Rest	On plugs	6 - 10 ppm srench at seeding, 10 - 25 ppm spray (after appearance of 1 - 2 true leaves)
Cyperus	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Dahlia	Topflor	Drench (recommended)	4.25 - 25 ppm: Topflor has rate advantage over Bonzi. Assumes 4 fl oz of solution 6 inch pot
	Topflor	Spray	10 - 40 ppm
Dahlia Seed	A-Rest	After transplanting	12 - 24 ppm spray (7 - 10 days after transplanting) or 1 - 3 ppm drench on pots or baskets
	A-Rest	Bedding Plants (holding)	15 - 26 ppm spray or 2 - 4 ppm drench
	A-Rest	Before transplanting	10 - 15 ppm spray (one week before transplanting)
	A-Rest	On plugs	2 - 6 ppm srench at radicle emergence, 7 - 12 ppm spray (after appearance of 2 - 3 true leaves)
Dianthus	A-Rest	After transplanting	15 - 26 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm srench at radicle emergence, 10 - 15 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Spray	30 - 60 ppm: Use 40 ppm in the north and 60 ppm in the south
Diascia	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Dusty Miller	A-Rest	After transplanting	7 - 12 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm srench at radicle emergence, 5 - 10 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Dip	0.5 - 2 ppm (30 sec): Use 0.5 ppm in the north and 2 ppm in the south
	Topflor	Spray	20 ppm: 20 ppm Topflor = 35 ppm Bonzi = 10 ppm Sumagic

Species	Product	Application Type	Notes
Easter Lilies	Topflor	Dip	2.5 ppm (5 min): Very variable. Depends on bulb hydration
	Topflor	Drench	3.4 ppm: Very variable. Depends on bulb hydration. Assumes 4 fl oz of solution/pot Very variable. Depends on bulb hydration
	Topflor	Spray	80 - 160 ppm: Very variable. Depends on bulb hydration
Echinacea	Topflor	Spray	45 ppm: Can use 2 sequential 22 ppm apps
	Topflor	Sprenc	<11 ppm
Erysimum Linifolium	Topflor	Spray	30 ppm: 30 ppm Topflor = 60 ppm Bonzi = 15 ppm Sumagic
Euphorbia	Topflor	Drench	4 ppm
	Topflor	Spray	30 - 90 ppm: Depends on aggressiveness of variety. Equal to Bonzi and Sumagic
Exacum	Topflor	Drench	0.085 - 0.51 ppm: Assumes 4 fl oz of solution/pot
	Topflor	Spray	30 - 60 ppm
Gaillardia mesa	Topflor	Spray	10 - 12.25 ppm
Gaura	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Geranium	A-Rest	After transplanting	33 - 66 ppm spray (3 - 7 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm sprenc at radicle emergence, 26 - 35 ppm spray (after appearance of 1 - 2 true leaves)
Geranium, Zonal	Topflor	Spray	10 - 20 ppm: 10 ppm Topflor = 15 ppm Bonzi
Hibiscus	Topflor	Drench	1 - 2 ppm
	Topflor	Spray	40 - 80 ppm: Can use 2 sequential 20 ppm apps
Hyacinth	Topflor	Dip	20 - 25 ppm (10 min)
Hydrangea	Topflor	Drench	3 - 5 ppm
Impatiens	A-Rest	After transplanting	20 - 33 ppm spray (5 - 7 days after transplanting) or 2 - 4 ppm drench
	A-Rest	On plugs	6 - 10 ppm sprenc at radicle emergence, 10 - 20 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Spray	40 - 120 ppm: 40 ppm Topflor = 30 ppm Bonzi = 5 ppm Sumagic
Kale	Topflor	Drench	Tone: 1 ppm
Lantana	Topflor	Drench	2 - 4 ppm
	Topflor	Spray	20 - 50 ppm
Laurentia	Topflor	Spray	20 ppm
Lily, Calla	Topflor	Drench	1 - 1.5 mg ai/pot: Equal to Bonzi. Assumes 4 fl oz of solution/pot
Lily, Hybrid	Topflor	Dip	10 - 50 ppm (1 min): Clear advantage over Bonzi (> 300 ppm)
	Topflor	Dip	25 ppm (10 min)
	Topflor	Drench	4.25 ppm: Can use 2 sequential 0.25 mg/ai spaced 1 week apart. Assumes 4 fl oz of solution/pot
	A-Rest	After transplanting	10 - 15 ppm spray (7 - 10 days after transplanting)
Lobelia	A-Rest	On plugs	2 - 6 ppm sprenc at radicle emergence, 7 - 12 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Mandevilla (Alice Du Pont)	Topflor	Spray	SOUTH: Spray at finish to prevent runners/tangling in nursery. 20ppm = 3 week hold. 30ppm = 4 week hold
Marigold	A-Rest	After transplanting	18 - 26 ppm spray (5 - 7 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm sprenc at radicle emergence, 13 - 20 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Spray	30 - 80 ppm: 40 ppm Topflor = 30 ppm Bonzi = 5 ppm Sumagic
Monarda	Topflor	Drench	2 - 3 ppm
	Topflor	Spray	75 ppm: Recommend split into to apps of 38 ppm. 75 ppm Topflor = 120 ppm Bonzi = 20 - 25 ppm Sumagic
Mums	Topflor	Spray	5 ppm
Nemesia	Topflor	Drench	4 ppm
	Topflor	Spray	10 - 20 ppm: Recommend split apps of 10 ppm
New Guinea Impatiens	Topflor	Spray	10 - 20 ppm
Nicotiana	Topflor	Spray	30 - 80 ppm: Rate advantage over Bonzi
Osteospermum	Topflor	Drench	4 ppm
	Topflor	Spray	20 ppm
Pansy	A-Rest	After transplanting	8 - 10 ppm spray (7 - 10 days after transplanting)
	A-Rest	Bedding plants (holding)	11 - 15 ppm spray
	A-Rest	On plugs	2 - 6 ppm sprenc at radicle emergence, 3 - 7 ppm spray (after appearance of 3rd true leaf)
	Topflor	Spray	Tone: 2 - 3 ppm; Hold 5 ppm; Stop: 7 ppm: Topflor has rate advantage over Bonzi
Paperwhites	Topflor	Drench	Tone: 0.95 mg of a.i.: Apply when foliage is 1 inch above soil
Petunia	A-Rest	After transplanting	15 - 20 ppm spray (5 - 7 days after transplanting), 1 - 2 ppm drench (apply after root system is established)
	A-Rest	On plugs	2 - 6 ppm sprenc at radicle emergence, 10 - 15 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Dip	1 - 2 ppm (30 sec)
Petunia, Wave	Topflor	Drench	Tone 2 - 3 ppm; Hold: 4 ppm; Stop: 6 ppm: 1 - 2 weeks after transplant = 2 - 3 week hold
	Topflor	Spray	30 ppm: general starting rate in northern climate
	Topflor	Spray	40 - 120 ppm: Topflor at 40 ppm = Bonzi at 30 ppm
Petunia (Proven Winner)	Topflor	Drench	5 ppm x 2: After transplant - Be cautious of double waves and red due to sensitivity
Phlox	A-Rest	After transplanting	10 - 15 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	2 - 6 ppm sprenc at radicle emergence, 7 - 12 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	Drench	4 ppm
	Topflor	Spray	30 ppm
Photinia	Topflor	Drench	5 ppm
Poinsettia	Topflor	Drench	0.10 ppm - 0.20 ppm: two to four weeks after pinch. See SePRO poinsettia guide
	Topflor	Spray	7 ppm - 15 ppm: To slow down before color
Portulaca	A-Rest	After transplanting	15 - 20 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm sprenc at radicle emergence, 10 - 15 ppm spray (after appearance of 3 - 4 true leaves)
	Topflor	Spray	40 - 80 ppm: Topflor has rate advantage over Bonzi

Species	Product	Application Type	Notes
Russian Sage	Topflor	Spray	45 - 60 ppm: 45 ppm Topflor = 45 ppm Bonzi = 15 ppm Sumagic
	Topflor	SprencH	11 ppm
Salvia	A-Rest	After transplanting	20 - 26 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm sprencH at radicle emergence, 15 - 20 ppm spray (after appearance of 1st true leaf)
	Topflor	dip	> 1 ppm
	Topflor	spray	30 ppm: North
Sanvitalia	Topflor	spray	60 - 120 ppm: Southern zone
	Topflor	drench	4 ppm
Scabiosa	Topflor	spray	20 ppm
	Topflor	spray	30 - 45 ppm: 30 ppm Topflor = 30 ppm Sumagic
Scaevola	Topflor	dip	.5-1 ppm (30 sec)
	Topflor	dip	4 ppm (10 min.): 4 ppm Topflor = 9.3 ppm paclobutrazol
	Topflor	drench	4 ppm
	Topflor	spray	20 - 40 ppm
Sedum	Topflor	drench	4 ppm
	Topflor	spray	75 - 120 ppm: Similar response with split apps. 75 ppm Topflor = 120 ppm Bonzi = 45 ppm Sumagic
Snapdragon	A-Rest	After transplanting	Not recommended
	A-Rest	On plugs	6 - 10 ppm sprencH at radicle emergence, 12 - 20 ppm spray (after appearance of 1st true leaf)
	Topflor	dip	1 ppm: Topflor is comparable to Sumagic and has a rate advantage to Bonzi
	Topflor	drench	2 ppm
	Topflor	spray	15 - 40 ppm: Topflor has rate advantage over Bonzi
Spilanthes	Topflor	spray	20 - 40 ppm: Use 20 ppm in the north and 40 in the south
Stobilanthes	Topflor	dip	0.17 - 1 ppm: Assumes 4 fl oz of solution/pot
	Topflor	drench	9 ppm (2 min)
	Topflor	spray	5 - 20 ppm
Sunflower	Topflor	drench	17 ppm: Topflor is similar to Bonzi. Assumes 4 fl oz of solution/pot
Sutera	Topflor	drench	4 ppm
	Topflor	spray	20 ppm
Tete a Tete	Topflor	dip	30 ppm
	Topflor	drench	4 ppm
Tulip	Topflor	dip	25 ppm (10 min): 25 ppm Topflor = 50 ppm Bonzi = 10 ppm Sumagic
	Topflor	drench	4 ppm: 0.5 mg ai Topflor = 1 mg ai Bonzi
Verbena	A-Rest	After transplanting	15 - 26 ppm spray (7-10 days after transplanting)
	A-Rest	On plugs	6 - 10 ppm sprencH at radicle emergence, 12 - 20 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	drench	4 ppm
	Topflor	spray	20 - 40 ppm: 20 ppm Topflor = 40 ppm Bonzi. Flowering delay
Verbena (Proven Winner)	Topflor	drench	6 ppm
Veronica	Topflor	spray	45 - 60 ppm
Vinca	A-Rest	After transplanting	10 - 20 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	2 - 6 ppm sprencH at radicle emergence, 7 - 16 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	dip	1 ppm: Topflor is comparable to Sumagic and has a rate advantage to Bonzi
	Topflor	spray	5 - 10 ppm
Viola	A-Rest	After transplanting	8 - 10 ppm spray (7 - 10 days after transplanting)
	A-Rest	Bedding Plants (holding)	11 - 15 ppm spray
	A-Rest	On plugs	2 - 6 ppm sprencH at hook, 3 - 7 ppm spray (after appearance of 3rd true leaf)
Zinnia	A-Rest	After transplanting	10 - 15 ppm spray (7 - 10 days after transplanting)
	A-Rest	On plugs	2 - 6 ppm sprencH at radicle emergence, 7 - 12 ppm spray (after appearance of 1 - 2 true leaves)
	Topflor	spray	20 - 60 ppm: 30 ppm Topflor = 40 ppm Bonzi

Suggested starting rate ratio for Topflor in relation to other PGRs

Application	Topflor : Paclobutrazol	Topflor : Uniconazole
Spray	1 : 1	1.5 - 1.75 : 1
Drench	0.25 - 0.5 : 1	1 : 1
Preplant Soak	0.25 - 0.5 : 1	1 : 1



Find the Right PGR  
for Your Plants

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For more information contact a SePRO Technical Specialist at 1-800-419-7779 or visit [sepro.com](http://sepro.com)