



Flowering Potted & Bedding Plants

EthylBloc™

EthylBloc™ is an ethylene-action inhibitor that protects potted flowering plants and bedding plants against ethylene's negative effects. This environmentally friendly technology works naturally with plants to bind their ethylene receptors, safeguarding against flower wilt, flower and bud drop, leaf yellowing and leaf drop. EthylBloc™ treatments help maintain quality through retail sell-through and extend plant life. Versatile EPA-approved EthylBloc™ is available as sachets and truck kits.



Key Facts

- + Works naturally with ethylene-sensitive flowers and plants to bind their ethylene receptors, inhibiting ethylene damage and loss.
- + Protects flowers and plants against ethylene in the surrounding environment and ethylene produced by the plant itself.
- + Helps eliminate flower wilt, flower and bud drop, leaf yellowing and more, extending flower and plant life by up to three times.
- + Maintains flower and plant quality through retail sell-through. Plants look and perform better during shipping, at retail and at consumers' homes.
- + Sachets treat smaller spaces, from small box shipments to trolleys. Truck kits treat larger spaces, including in-transit trailers.
- + U.S. Environmental Protection Agency (EPA) approved, nontoxic technology leaves no trace or residue. Worker-safe treatment requires minimal labor.

Treatment of Flowering Potted & Bedding Plants

EthylBloc™ ethylene-action inhibitor is ideal for treating all types of ethylene-sensitive flowering potted plants and bedding plants, as well as potted foliage plants, vegetative cuttings and bulbs. Product options offer flexibility to effectively treat full trailers of flowering plants, trolleys or even the smallest box shipments.

The following are some of the most popular ethylene-sensitive flowering plants. EthylBloc™ treatments protect these flowering plants against ethylene-induced symptoms ranging from accelerated flower aging, flower wilt, flower and bud drop, petal shatter, leaf yellowing and leaf drop. Plant sensitivity may vary with variety. Refer to EthylBloc™ Product Usage documents for instructions on sachet treatments, trolley treatments and truck kit applications.

Ethylene Sensitivity in Flowering Potted & Bedding Plants

Common Name	Scientific Name	Sensitivity	Ethylene Injury Symptoms
African Daisy	<i>Osteospermum</i> spp.	Medium	Wilt, epinasty
African Violet	<i>Streptocarpus</i> sect. <i>Saintpaulia</i>	Medium	Flower wilt
Azalea, Rhododendron	<i>Rhododendron</i> spp.	Low	Leaf drop
Begonia (Fibrous, Rieger)	<i>Begonia</i> spp.	High	Flower and bud drop
Bell Flowers	<i>Campanula</i> spp.	Medium	Flower wilt and bud drop
Bougainvillea	<i>Bougainvillea</i> spp.	High	Flower and bract drop
Cape Periwinkle	<i>Catharanthus roseus</i>	Low	Epinasty
Cape Primrose	<i>Streptocarpus</i> spp.	Medium-High	Flower wilt, flower and bud drop
Christmas Cactus	<i>Schlumbergera</i> spp.	High	Flower and bud drop
Chrysanthemum	<i>Chrysanthemum</i> spp.	Low	Stunted growth, leaf drop
Cineraria	<i>Pericallis × hybrida</i>	Low	Wilt
Coleus	<i>Plectranthus scutellarioides</i>	Low	Epinasty
Cyclamen	<i>Cyclamen</i> spp.	Low	Flower wilt and drop
Cymbidium, Boat Orchid	<i>Cymbidium</i> spp.	Medium	Flower wilt
Delphinium	<i>Delphinium</i> spp.	High	Flower shattering
Dianthus	<i>Dianthus</i> spp.	High	Petal inrolling and browning
Easter cactus	<i>Rhipsalidopsis gaertneri</i>	High	Flower and bud drop
Firecracker Flower	<i>Crossandra</i> spp.	Medium	Flower drop
Fuchsia	<i>Fuchsia</i> spp.	High	Epinasty, Flower and bud drop
Gardenia, Cape Jasmine	<i>Gardenia</i> spp.	Low	Flower and bud drop
Geranium	<i>Pelargonium</i> spp.	High	Petal shatter, leaf yellowing, unopen buds
Gerbera Daisy	<i>Gerbera</i> spp.	Low	Reduced flower life
Gloxinia	<i>Sinningia speciosa</i>	Low	Flower drop
Hibiscus	<i>Hibiscus</i> spp.	Medium	Flower and bud drop
Hydrangea	<i>Hydrangea</i> ssp.	Low	Flower and bud drop
Impatiens	<i>Impatiens</i> spp.	Medium	Flower and bud drop
Kalanchoe, Calandiva	<i>Kalanchoe</i> spp.	High	Flower wilt and fading, unopen buds
Lantana	<i>Lantana</i> spp.	High	Flower and bud drop
Moss Rose	<i>Portulaca</i> spp.	Medium	Reduced flower life
Orchid	<i>Phalaenopsis</i> spp.	High	Flower wilt and drop
Pentas, Star Flower	<i>Pentas lanceolata</i>	High	Petal shatter
Persian Violet	<i>Exeum</i> spp.	Low	Flower wilt, flower and bud drop
Petunia	<i>Petunia</i> spp.	High	Flower and leaf wilting
Poinsettia	<i>Euphorbia pulcherrima</i>	Low	Epinasty, cyathia abscission
Rose	<i>Rosa</i> spp.	Medium	Flower, bud and leaf drop
Salvia	<i>Salvia</i> spp.	High	Flower and bud drop
Slipper Flower, Pocketbook	<i>Calceolaria</i> spp.	High	Flower and bud drop
Snapdragon	<i>Antirrhinum majus</i>	High	Flower and bud drop

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