



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 e-commerce boxes 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 x 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>Execum</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 |
| 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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