

SACHETS

EthylBloc™

EthylBloc™ Sachets are easy-to-use, ethylene-action inhibitors that protect vegetative cuttings, bulbs, and plant foliage, flowers and buds from the negative effects of ethylene gas during shipping and storage. Environmentally friendly EthylBloc™ Sachets leave no trace or residue. You can protect even the smallest box shipments against ethylene-induced damage and loss.



Instructions for Sachet Box Use (United States)

1. Determine Your Container Volume

Available in versatile 1.25 gram and 2.5 gram sizes, EthylBloc™ Sachets are designed for use in closed shipping boxes and smaller spaces. To determine how many sachets your shipment requires, measure the container's length, width and height in feet or meters. Then multiply those dimensions (length x width x height) to determine the box's volume in cubic feet or cubic meters.

Match the container volume to this chart to find the number of sachets needed for treatment. One 1.25-gram sachet treats up to 0.75 cubic feet. Two 2.5-gram sachets treat up to 3 cubic feet.

As an example, a shipping box measuring 2 feet long, 3 feet high and 1 foot wide (2x3x1) would have a volume of 6 cubic feet. Four 2.5-gram sachets would treat the box to inhibit ethylene damage, including flower, bud and leaf drop, and extend plant life. Please reach out to your Technical Sales Representative for assistance in choosing the best sachet size for your needs.

Number of 1.25 g Sachets per Box Volume (US) <i>Minimum treatment time 4 hours</i>		
Volume (ft³)	Volume (m³)	Number of Sachets
0–0.75	0–0.02	1
0.75–1.5	0.02–0.04	2
1.5–3	0.04–0.08	4
3–6	0.08–0.17	8
6–9	0.17–0.25	12

Number of 2.5 g Sachets per Box Volume (US) <i>Minimum treatment time 4 hours</i>		
Volume (ft³)	Volume (m³)	Number of Sachets
0–3	0–0.08	2
3–6	0.08–0.17	4
6–9	0.17–0.25	6
9–12	0.25–0.34	8
12–15	0.34–0.42	10

2. Activate the Sachet Treatment

EthylBloc™ Sachets contain a powder designed to slowly release the ethylene-action inhibitor when the sachet is placed in a high-humidity environment such as a shipping box. This helps keep vegetative cuttings or plants healthier and/or more beautiful during transport, storage and beyond. If you desire faster release, briefly dip each sachet into clean water for a maximum of 1 second, never longer. During treatment, the sachets will continue to absorb moisture and humidity from inside the box. This helps ensure the continued release of EthylBloc™ throughout the treatment.

Note: Always carefully reseal opened bags of unused sachets, even during operator breaks. For best results, use opened bags within 2 weeks. Careful resealing may extend product efficacy.



- ✓ For faster release, dip sachet in clean water for 1 second. Never leave sachets in water.

3. Place the Sachets in the Container

For live plants, immediately place the sachets into either end of the shipping box. Make sure the sachets do not touch any flower heads. Immediately close the box lid, and keep it closed. Pre-cooling flaps should stay closed during treatment with EthylBloc™ Sachets.

For box shipments of unrooted cuttings (typically prepped and bagged in quantities of 100), use a sealable outer bag inside the shipping box around the bagged cuttings. Place sachets towards the left center and right center of the box. Then seal the outer bag and seal the box. For detailed boxing instructions for shipments of unrooted cuttings, please refer to the EthylBloc™ Product Application document for unrooted cuttings.



✓ Place sachets into center of shipping box



✓ Place sachets into ends of shipping box

4. Treat Your Plants for at Least Four Hours

For maximum ethylene-blocking effectiveness, keep the shipping box or container closed for a minimum of four hours. During this time, the sachets will slowly release EthylBloc™ to bind the plants' ethylene receptors. This protective action inhibits ethylene produced by the plant itself and ethylene in the environment. Plants stay protected and perform better during storage and shipping, at retail and at consumers' homes.



✓ For maximum effectiveness, keep box sealed for 4 hrs. minimum



✓ Sachets slowly release ethylene-action inhibitor to protect plants.

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Storage and Handling

Store in original packaging out of direct sunlight in a cool, dry location. Unopened product has a shelf life of 2 years from the manufacture date. For best results, use opened bags within 2 weeks. Careful resealing may extend product efficacy. For complete safety information, review the product label and Safety Data Sheet.



Food Safety

This product is for use only on ornamental plants not intended for food use.



Disposal

This nontoxic technology contains no heavy metals. Dispose of used paper-based sachets with general waste. For unused sachets, please check with your local waste disposal facility.

Questions

Consult with an Oasis Grower Solutions Technical Representative at support@oasisgrower.com or call us at +1 (855) 585-4769.