

TRUCK KITS

EthylBloc™

EthylBloc™ Truck Kits are easy-to-use, environmentally friendly treatments that protect vegetative cuttings, bulbs, and plant foliage, flowers and buds from ethylene’s negative effects during transport and storage. Designed for use in enclosed spaces such as truck trailers, freight containers and greenhouses, EthylBloc™ Truck Kits require minimal labor.



Instructions for Truck Kit Use (United States)

1. Determine Your Treatment Volume

EthylBloc™ Truck Kits are available in the United States in 38-gram and 75-gram kits that include a buffer solution. To determine how many kits your treatment area requires, measure the area’s length, width and height in feet or meters. Multiply those dimensions (length x width x height) to determine your treatment volume in cubic feet or cubic meters.

Refer to the chart below to find the appropriate EthylBloc™ Truck Kit size for your application and the treatment time required for maximum effectiveness. As an example, at 55° to 75°F, a 38-gram Truck Kit will treat up to 2,500 cubic feet or 75 cubic meters in 4 to 8 hours — or double that volume with a minimum of 10 hours.

EthylBloc™ 38g & 75g Truck Kit Treatment Volume (United States)				
Shipping/Treatment Temperature (°F)	Treatment Duration (hrs)	EthylBloc™ Truck Kit Size (g)	Volume Treated (ft³)	Volume Treated (m³)
55-75	4 to 8	38	Up to 2,500	Minimum
		75	2,500–5,000	Minimum
55-75	Minimum 10	38	Up to 5,000	Minimum
		75	5,000–10,000	Minimum
55-75	Minimum 10	38	Up to 2,500	Minimum
		75	2,500–5,000	Minimum

For comparison, a 38-gram kit could treat a 20-foot container (≈1,172 cubic feet) or a 40-foot container (≈2,350 cubic feet) in 4 to 8 hours at 55° to 75°F. A 53-foot container (≈3,830 cubic feet) would require a 75-gram kit for the same treatment. Cooler temperatures require longer treatment times. Larger volumes require additional kits.

2. Prepare the Buffer Solution



Once plants are in place and ready for shipment, remove the tear strip on the lid of the Truck Kit bucket. Open the bucket lid and remove the contents, including the buffer solution and the foil bag containing the sealed EthylBloc™ packet. Pour the entire contents of the buffer solution container into the bucket. Replace the vented bucket lid.



3. Activate the EthylBloc™ Treatment

Remove the sealed EthylBloc™ packet from the foil bag. DO NOT tear open the sealed packet. Drop the sealed packet through the vent hole on the bucket lid into the prepared buffer solution. The water-soluble packet will dissolve in the buffer solution as the technology begins to work.



-  **DO NOT tear open the sealed packet**
-  **Drop packet through the vent hole**

4. Treat Your Plants for at Least Four Hours

Immediately place the truck kit bucket on a stable, level surface on the trailer or cooler floor. Close the doors to the space within two minutes. Keep the space enclosed for a minimum of 4 to 8 hours for smaller areas at room temperatures. For larger areas and refrigerated spaces, keep treatment spaces closed for at least 10 hours.

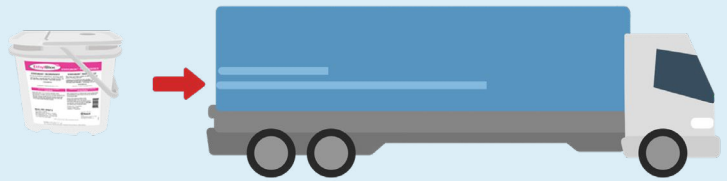
During this time, the vented lid will slowly release EthylBloc™ to bind the plants' ethylene receptors. This protective action safeguards against ethylene produced by the plant itself and ethylene in the environment.

Keep internal ventilation on to ensure good air circulation in the area. Switch off all CO₂ and ethylene scrubbers during treatment. (The use of lime to scrub CO₂ will not interfere with the application.)

TRANSPORTING WITH ETHYLBLOC™

Quick Tips

- + Place truck kit bucket on a stable, level surface.
- + Keep space enclosed for a minimum of 4-8 hrs.
- + Keep internal ventilation on to ensure good air circulation.



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Storage and Handling

Store in original packaging out of direct sunlight in a cool, dry location. Stored properly, unopened product shelf life is 2 years from the manufacture date. 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 and leaves no trace or residue. Truck kit containers are recyclable plastics.

Questions

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