



ETHYLBLOC™ TECHNOLOGY TREATMENT INSTRUCTIONS

1. Calculate the treatment volume by measuring the length, width and height of the treatment area in feet or meters. Multiply these three numbers together to obtain the volume of the room/area in cubic feet or cubic meters. For example, if a room is 4 feet wide, 5 feet long and 5 feet high, the volume equals 100 cubic feet.
2. Wear all Personal Protective Equipment (PPE) required under Precautionary Statements.
3. Use a plastic mixing container large enough to hold the EthylBloc and Mixing/Buffer Solution. A plastic pail works well for larger applications, a plastic bowl or similar container for smaller applications.
4. First add Mixing/Buffer Solution to the mixing container. Then add the EthylBloc™ powder. The amounts of EthylBloc™ and Mixing/Buffer Solution are specified in the tables/boxes below. For Water Soluble Packets: First add Mixing/Buffer Solution to the mixing container. Then add the water soluble packet of EthylBloc™ to the mixing container, making sure the water soluble packet is covered. The amounts of EthylBloc™ and Mixing/Buffer Solution are specified in the tables/boxes below.
5. Following the addition of EthylBloc to the Mixing/Buffer Solution, leave the treatment area immediately. Make sure the area is sufficiently sealed. See following application sections for details.
6. POSTING: Signs should be posted on all potential entry points during EthylBloc treatment (for at least four hours or as otherwise recommended in the Directions for Use). Signs should state "CAUTION. Do not enter area. EthylBloc treatment underway." Posting is suggested as a means of ensuring optimal effectiveness of EthylBloc.
7. After the treatment period ends (see below tables/boxes for specified treatment periods) ventilate treated areas with outside air before reentry.
8. Remaining treatment solution can be disposed of on site or at an approved waste disposal facility.

SPECIFIC TREATMENT PERIODS

Treatment conditions 55° to 75° F, 4 to 8 hours
 Treatment rate: 1.5 gram of EthylBloc plus 1 fl. oz. Mixing Solution per 100 cubic feet

English Equivalent			Metric Equivalent		
Amount of EthylBloc	Amount of Mixing Solution	Cubic Feet to Treat	Amount of EthylBloc	Amount of Mixing Solution	Cubic Meters to Treat
1 White Scoop	1 tsp	13	1 White Scoop	5 ml	0.4
1 Green Scoop	2 Tbsp	100	1 Green Scoop	30 ml	3
38 g Water Soluble Packet	25 fl. oz. or 3 cups plus 2 Tbsp.	2,500	38 g Water Soluble Packet	750 ml.	75
75 g Water Soluble Packet	50 fl. oz. or 6 cups plus 4 Tbsp.	5,000	75 g Water Soluble Packet	1500 ml.	150

Treatment conditions 55° to 75° F, minimum 10 hours
 Treatment rate: 1.5 gram of EthylBloc plus 1 fl. oz. Mixing Solution per 200 cubic feet

English Equivalent			Metric Equivalent		
Amount of EthylBloc	Amount of Mixing Solution	Cubic Feet to Treat	Amount of EthylBloc	Amount of Mixing Solution	Cubic Meters to Treat
1 White Scoop	1 tsp	26	1 White Scoop	5 ml	0.8
1 Green Scoop	2 Tbsp	200	1 Green Scoop	30 ml	6
38 g Water Soluble Packet	25 fl. oz. or 3 cups plus 2 Tbsp.	5,000	38 g Water Soluble Packet	750 ml.	150
75 g Water Soluble Packet	50 fl. oz. or 6 cups plus 4 Tbsp.	10,000	75 g Water Soluble Packet	1500 ml.	300

Treatment conditions 35° to 55° F, minimum 10 hours
 Treatment rate: 1.5 gram of EthylBloc plus 1.5 fl. oz. Mixing Solution per 100 cubic feet

English Equivalent			Metric Equivalent		
Amount of EthylBloc	Amount of Mixing Solution	Cubic Feet to Treat	Amount of EthylBloc	Amount of Mixing Solution	Cubic Meters to Treat
1 White Scoop	1.5 tsp	13	1 White Scoop	7 ml	0.4
1 Green Scoop	3 Tbsp	100	1 Green Scoop	45 ml	3
38 g Water Soluble Packet	37 fl. oz. or 4 2/3 cups	2,500	38 g Water Soluble Packet	1,125 ml.	75
75 g Water Soluble Packet	75 fl. oz. or 9 1/3 cups	5,000	75 g Water Soluble Packet	2,250 ml.	150

Measurements:

WHITE SCOOP = 0.2 grams EthylBloc™ powder

GREEN SCOOP = 1.5 grams EthylBloc™ powder

1 teaspoon = 1 tsp = 5 ml

38-gram Water Soluble Packet will treat a 20-ft. truck container

75-gram Water Soluble Packet will treat a 40-ft. truck container



EPA Registration No.: 71297-5-32258
 EPA Establishment No.: 32258-SC-001
 U.S. Patent Nos. 5,518,988, 6,017,849
 EthylBloc is a trademark of Agrofresh Inc.