



1 of 3

RATE CONVERSION CHART

Pounds Active Acre	Formulation Ounces Acre	Formulation Lbs Acre
0.01	3.2	0.2
0.10	32	2.0
0.125	40	2.5
0.15	48	3.0
0.175	56	3.5
0.20	64	4.0



ICI Americas Inc.

RESTRICTED USE PESTICIDE

For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Keep Out of Reach of Children

WARNING

See Page 2 For Additional Precautionary Statements and Statement of Practical Treatment



SUPPLEMENTAL PAMPHLET
DIRECTIONS FOR USE

1/18/53

10188-00

INDEX

	Page
Precautionary Statements	2
Storage and Disposal	3
Directions for Use	3
Notice to Buyer and User	3
Directions for Application	
Almonds	4-5
Apples	4-5
Celery	4-5
Cole Crops	
Broccoli	4-5
Brussels Sprouts	4-5
Cabbage	6-7
Cauliflower	6-7
Cotton	6-7
Lettuce (Head)	8-9
Peaches	8-9
Pears (Dormant and	
Pre-Bloom Season)	10-11
Potatoes	10-11
Soybean	12-13
Spinach	12-13
Sweet Corn	12-13
Rate Converters in Chart	Back Cover

ACTIVE INGREDIENT

Permethrin-

(3-Phenoxyphenyl)methyl (1R)-cis-3-(2,2-dichloroethoxy)-2,2-dimethylcyclopropane carboxylate* 25.6%

INERT INGREDIENTS 74.4%

TOTAL 100.0%

*Cis trans ratio: Min. 24% cis and max. 6% trans

AMBU-SH 2.5% contains 4 pounds active ingredient per gallon

US Patent Nos. 4,114,416-17

EPA Est. No. 5906-AR-1

EPA Reg. No. 101F-01

WARNING
MAY CAUSE EYE IRRITATION
HARMFUL IF SWALLOWED

Do not get the eyes or skin or clothing wet. Wash thoroughly after handling. **STATEMENT OF PRACTICAL TREATMENT** If in EYES: Flush with water for 15 minutes. Get medical attention. If swallowed: persists if SWALLOWED Drink 2-3 glasses of water and induce vomiting by sticking your finger down the throat. Do not induce vomiting or give anything by mouth to an unconscious person.

For 24 hour emergency assistance call 312.578.3111

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water. Do not apply when weather conditions favor drift to freshwater areas. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic and is not expected to be treated to meet residue tolerances for crops in which it is used. ADF, Inc., 214 Via Roma, San Francisco, CA 94133. When you call, please refer to the following: Additional information may be obtained from you. Circle 4 on Eastern News Service Application Card, as specified in the instructions.

44. $\frac{1}{2} \log_2 32 = \frac{1}{2} \log_2 2^5 = \frac{1}{2} \cdot 5 = 2.5$

PHYSICIAN/CHEMICAL HAZARDOUS

STORAGE AND DISPOSAL

Waxes needed to do not store them in materials keep them in a closed when not in use. Do not store near food or feed cases of oil or food or paved states sweet and oil and oil to chemical waste area. Dispose of old containers and materials in a regular manner. Do not use containers for oil or a residue from empty containers and add to the material in a spray tank. Dispose of containers in sanitary manner in accordance with state and local regulations for the material. See local, State and Federal regulations.

DIRECTIONS FOR USE

DIRECTIONS FOR USE
 To be used as a Federal and State instrument in the manner indicated in the following:

[illegible]

NOTICE TO BUYER AND USER: See also 101-102

[illegible]

1018

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate (lbs ai/A)	Remarks
Almonds	Navel Orangeworm Peach Twig Borer	0.2 - 0.4	Apply by ground equipment using sufficient water to obtain uniform coverage. Can be applied up to 7 days before harvest. Do not exceed 5 applications per acre per season. Do not graze live stock in treated orchards.
Apples	Apple Aphid, Redbanded Leafhopper, Oblique-banded Leafhopper, Plum Curculio, White Apple Leafhopper, Spotted Tentiform Leafminer, Tarnished Plant Bug	0.05 - 0.1 to a 100 gal. water	For dilute sprays only. Spray to wet all foliage. Usually, 200-400 gallons of spray per acre. Do not apply after petal fall. Apply by ground only.
Cereals	Vegetable Leafminer, Cabbage Looper, Granulate Cutworm, Black Cutworm, Fall Armyworm, Beet Armyworm	0.1 - 0.2	Apply every 3-5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Can be applied up to 3 days of harvest. Do not graze treated areas or feed crop refuse to livestock.
COLE CROPS Brassica	Cabbage Looper, Imported Cabbageworm, Diamondback Moth	0.05 - 0.1	Apply every 5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 8 applications. Do not apply within 1 day of harvest.
Brassica Sprouts	Cabbage Looper, Imported Cabbageworm, Diamondback Moth	0.05 - 0.1	Apply as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 6 applications per season. Do not apply within 1 day of harvest.

10180-35

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate (lbs ai/A)	Remarks
COLE CROPS (cont.)			
Cabbage	Cabbage Looper Imported Cabbageworm Diamondback Moth	0.05 - 0.1	Apply every 5-10 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not make more than 10 applications per season. Do not apply within 1 day of harvest.
Cauliflower	Cabbage Looper Imported Cabbageworm Diamondback Moth	0.05 - 0.1	Apply every 5 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 8 applications. Do not apply within 1 day of harvest.
Cotton	Bowworm Tobacco Budworm Pink Bollworm Lygus Bugs Cabbage Looper Cotton Leaf perforator Boll Weevil Cotton Fleahopper Saltmarsh Caterpillar Whitefly Cotton Aphid	0.1 - 0.2	Apply as required by scouting reports usually at intervals of 5 to 7 days. Apply by air or ground. Use sufficient water to obtain full coverage of foliage. For control of bollworms spray on a 3 to 5 day schedule or as needed. Do not apply within 14 days of harvest. The higher rates of AMBUSH 25W (0.15 to 0.2 lbs ai/A) may be required under conditions of heavy lepidopterous worm infestation. AMBUSH 25W also may be used for reduction of lepidopterous egg hatch by contact action. Do not graze livestock in treated areas.

AMBUSH 25W is a registered pesticide of the U.S. Department of Agriculture.

10180-55

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate (lbs ai/A)	Remarks
Lettuce (Head)	Cabbage Looper Beet Armyworm, Corn Earworm	0.05 - 0.1 0.1 - 0.2	Apply every 5-10 days or as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not make more than 10 applica- tions per season. Do not apply within 1 day of harvest. DO NOT USE ON LEAF LETTUCE
Peaches	Peach Twig Borer Oriental Fruit Moth Green Fruitworm Lesser Peachtree Borer Plum Curculio, Tarnished Plantbug, Rose Chafer	0.05-0.1 lbs a: 100 gal of water	Apply by ground equipment using sufficient water to obtain uniform coverage. Can be applied up to 7 days before harvest. Do not exceed 8 applications per acre per season. Do not exceed 400 gallons per acre per application. Do not graze livestock in treated orchards.

101350

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate (lbs ai/A)	Remarks
Pears (Dormant)	Pear Psylla	0.2 - 0.4	Apply at a rate of 0.8 to 1.6 lbs (0.2 to 0.4 lbs active) per acre. May be combined with 2 to 8 gallons of spray oil per acre. Apply during the dormant through delayed dormant growth periods only. Apply in 3 to 20 gallons of finished spray per acre by aircraft and 25 to 400 gallons per acre by ground equipment. Do not make more than two applications per season. Do not graze orchard floor.
Pears (Pre-Bloom Season)	Pear Psylla Codling Moth Green Fruitworm	0.05-0.1 lb ai/100 gal of finished spray	Apply two pre-bloom sprays followed by three seasonal sprays. Pre-bloom sprays can be applied from dormant through bud burst stages. Seasonal sprays can be applied from petal fall up to 14 days of harvest. Do not make more than five applications per season.
Potatoes	CColorado Potato Beetle Potato Leafhopper Aster Leafhopper Potato Flea Beetle Potato Aphid Potato Tuberworm Potato Psylla	0.05 - 0.2	Apply as needed by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 12 applications. Can be applied up to 7 days prior to harvest.

10180-25

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate (lbs ai/A)	Remarks
Soybeans*	Green Cloverworm Mexican Bean Beetle Bean Leaf Beetle Soybean Looper Cabbage Looper Potato Leaf hopper Velvetbean Caterpillar	0.05 - 0.1	Apply by air or ground. Do not make more than 2 applications per season. Can be applied up to 60 days before harvest. Do not graze treated areas or harvest for forage or hay.
	Corn Earworm Beetle Armyworm	0.1 - 0.2	
Squash	Cabbage Looper Corn Earworm Green Cloverworm Leafhoppers Cutworm Complex European Corn Borer	0.1	Apply as needed by ground. Use sufficient water to obtain full coverage of foliage. Do not apply within 7 days of harvest. Do not make more than 7 applications per season.
Sweet Corn	Corn Earworm European Corn Borer Fall Armyworm	0.1 - 0.2	Apply every 5 days or as needed by air or ground. Do not apply more than 6 applications. Do not apply within 1 day of harvest of ears or forage or livestock grazing.
Sweet Corn Florida only - corn grown for the fresh market	Corn Earworm European Corn Borer Fall Armyworm Southern Armyworm	0.1 - 0.25	Apply every 5 days or as needed by air or ground. Do not apply more than 3.25 lbs ai per acre per crop season. Do not graze livestock in treated areas or harvest for forage.