

B·W·A·C·T™

BOLL WEEVIL ATTRACT AND CONTROL TUBES
containing Grandlure and Malathion

ACTIVE INGREDIENTS:

1) Grandlure:	
a. (IR-Z)-1-methyl-2-(1-methylethenyl) cyclobutane ethanol	0.17%
b. (Z)-2-(3,3-dimethylcyclohexylidene) ethanol	0.23%
c. (Z)-(3,3-dimethylcyclohexylidene) acetaldehyde	0.08%
d. (E)-(3,3-dimethylcyclohexylidene) acetaldehyde	0.08%
2) Malathion 95%: O, O-dimethyl phosphorodithioate of diethyl mercaptosuccinate	37.27%
INERT INGREDIENTS:	62.17%
TOTAL:	100.00%

CONTENTS: Sixty (60) 3" x 3" polyvinylchloride pheromone dispensers / each containing 60 mg of Grandlure
Sixty (60) 36" B·W·A·C·T TUBES (coated with insecticide and pigment) / each containing 23.5 gm of Malathion 95%
Sixty (60) wooden support dowels

NET WEIGHT: 42 lbs (19 kilograms)

KEEP OUT OF REACH CHILDREN**CAUTION**

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Harmful if swallowed. Avoid contact with skin or clothing. Do not contaminate feed or food by storage. Keep out of reach of children. Do not allow children into fields where B·W·A·C·T TUBES are being used. Wash hands with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

NOTE TO PHYSICIAN: This product contains malathion which may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not place the product on ditch, pond and stream banks or other places where they can fall or be flood washed into water. Do not graze geese or other livestock in cotton fields where this product is used because consumption of Malathion coated tubes can cause poisoning.

STORAGE AND DISPOSAL

STORAGE: Store the tubes and pheromone dispensers in sealed containers in a cool, dry place. For optimum storage conditions, the pheromone dispensers should be refrigerated upon arrival. Do not contaminate water, feed or food by storage. Store in original containers and out of reach of children. **PESTICIDE DEVICE / CONTAINER DISPOSAL:** Wastes resulting from the use of the product may be disposed of on site or at an approved waste disposal facility.

DIRECTIONS FOR USE

See enclosed directions for use.

BOLL WEEVIL ATTRACT AND CONTROL TUBES

BWA·CT are designed as a species-specific "attract and control" device for the control of overwintered cotton boll weevils (*Anthonomus grandis*) prior to peak cotton squaring, during cotton fruiting for late emergence of overwintered weevils and for the control migrating and diapausing cotton boll weevils at and after crop termination. The device consists of a proprietary pheromone dispenser and a biodegradable fiber tube, called a CONTROL TUBE. The dispenser, which is fitted / inserted inside the top of the CONTROL TUBE, attracts the pest with Grandlure, the boll weevil pheromone. The biodegradable fiber tube, which is coated with a color attractant / feeding enticer / insecticide mixture in a slow release delivery system, controls the pest by inducing it to stay in contact with the surface for a time sufficient for assimilation of a lethal and/or sub-lethal dose of toxicant.

DIRECTIONS FOR USE

IT IS VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

BWA·CT are to be placed around the perimeters of cotton fields, outside the crop, at an approximate 100 foot spacing. One box contains enough BWA·CT with pheromone dispensers for of an average of 60 acres at the 100 - 150 - 200 feet spacing. The first two (2) installations in the Spring are effective for the control of migrating weevils emerging from over-wintering / hibernation sites and the last two (2) installations in the Fall are effective for the control of weevils migrating or going into diapause / over-wintering. BWA·CT should be placed in the field perimeter outside the cotton on "turn row" borders, ditch banks or fence lines.

Do not place BWA·CT in areas that will obstruct farm equipment; also, not in areas where air flow is obstructed, not under trees, not in shaded areas, not behind hedgerows, not in mud holes / low spots, not in water runoff areas or not in the cotton rows. Keep tall grass and weeds clear of the BWA·CT. Do not use in small fields surrounded by untreated fields or apply with incorrect timing when heavy boll weevil populations are present.

BWA·CT provides maximum control and results when used on entire fields in isolated and/or area wide IPM programs.

INSTALLATION RATES: 53 BWA·CTs per mile at 100 ft. spacing
40 BWA·CTs per mile at 150 ft. spacing
27 BWA·CTs per mile at 200 ft. spacing

ACRES	RECOMMENDED NUMBER OF BWA·CT on a Square Field at a spacing of:		
	100 ft.	150 ft.	200 ft.
10	24	18	12
20	36	27	18
40	51	38	26
60	63	47	31
80	74	56	37
100	82	62	41
160	106	80	53
320	149	113	75
480	183	138	92
640	211	159	100

ACCEPTED
AUG 18 1988
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 65458-1

At 0 - 10 days before planting and seedling emergence (1st installation):

In "no freeze" coastal and tropical cotton zones, government and commercial field tests have confirmed the benefit of making the first installation 15 to 30 days before planting along the borders of overwintering sites in previous season planted field and the 2nd installation 50 days after the first installation.

Place one (1) wooden support dowel at the approximate spacing as listed above, around the perimeter of the field by driving the dowel in the soil, leaving at least 8 inches protruding. Wooden support dowels serve as an anchor for the CONTROL TUBES.

Place one (1) 36" CONTROL TUBE firmly on the wooden support dowel and fit one (1) pheromone dispenser completely inside the top by rolling the dispenser with the paper/foil side to the outside and inserting the "rolled" dispenser inside the top of the CONTROL TUBE.

BEST COPY AVAILABLE

393

At pinhead squaring (2nd installation - 50 days after the first installation):

Replace CONTROL TUBES with "fresh" CONTROL TUBES. Place the one (1) 36" CONTROL TUBE firmly on the wooden support dowel and fit one (1) "fresh" pheromone dispenser completely inside the top by rolling the dispenser with the paper/foil side to the outside and completely inserting the "rolled" dispenser inside the top of the CONTROL TUBE. Leave B·W·A·C·T in the field until the end of season installation or remove and dispose of after sixty (60) days.

At cotton "cut out" or squaring termination or NAWF = 5 and the beginning of boll weevil dispersal (3rd installation - 50 to 60 days after the second installation):

Replace CONTROL TUBES with "fresh" CONTROL TUBES. Place one (1) 36" CONTROL TUBE firmly on the wooden support dowel and fit one (1) "fresh" pheromone dispenser completely inside the top by rolling the dispenser with the paper/foil side to the outside and completely inserting the "rolled" dispenser completely inside the top of the CONTROL TUBE.

Fifty (50) days after the above third installation, after harvest and/or plow-down of stalks, for migrating and diapause weevil control (4th installation):

Replace CONTROL TUBES with "fresh" CONTROL TUBES. Place one (1) 36" CONTROL TUBE firmly on the wooden support dowel and fit one (1) "fresh" pheromone dispenser completely inside the top by rolling the dispenser with the paper/foil side to the outside and completely inserting the "rolled" dispenser completely inside the top of the CONTROL TUBE. Remove and dispose of B·W·A·C·T after sixty (60) days.

DISCLAIMER: The labeled directions for the use of this product reflect the opinion of experts, based on field use and tests. The directions are believed to be reliable and should be followed carefully; however, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presences of other materials, or the use or application of the product contrary to the label directions, all of which are beyond the control of PLATO INDUSTRIES, INC. All such risks shall be assumed by the user.

PLATO INDUSTRIES, INC. warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use, subject to the risks referred to above. Any damages arising from a breach of this warranty shall be limited to product replacement and shall not include consequential commercial damages such as loss of profits or values or any other special direct or indirect damages.

PLATO INDUSTRIES, INC. makes no other express or implied warranty, including any other express or implied warranty of FITNESS or MERCHANTABILITY. The sale of this product does not include a license under any patent controlled by PLATO INDUSTRIES, INC.

n:\word5\amplepa-pi\bwactib2 rev. 8/16/95 - amp

PLATO INDUSTRIES, INC. / 2020 Holmes, Houston, Texas / 77045 USA
Telephone 713-797-0406 / Fax 713-795-4665

BEST COPY AVAILABLE