

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NUMBER	DATE OF ISSUANCE
	58199-2	NOV 24 1987
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT X-TRA Natural Plant Hormone		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

P.B.T., Inc.
 4201 West 99th Street
 Overland Park, KS 66207

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 58199-2."
 - b. Delete the following uses from the label: cherries, pears, and plums.
 - c. Add the following disposal statement under the "Directions for Use" heading:

Do not reuse empty container. Wrap container and put in trash.

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Robert J. Taylor* DATE: 11/23/87

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3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosures

(Front panel)

X-TRAtm NATURAL PLANT HORMONE

Hormone Concentrate to promote flowering, root growth, blossom set and fruiting and to reduce stress in Flowering Plants, House Plants, Ornamentals, Outdoor Plants and Vegetables.

A natural plant hormone product that provides Biological Grow Power for use in transplanting, as a foliar spray, for watering plants, and for rooting of cuttings. Used as recommended X-TRA will reduce transplant shock, promote rooting, increase plant vigor and health, produce more lush growth, promote flowering, increase blossom set, and increase yields of fruits and vegetables.

Active Ingredient:

Cytokinin, as kinetin, based on biological activity.....	0.001%
Inert ingredients.....	99.999%
Total.....	100.000%

Keep out of reach of children

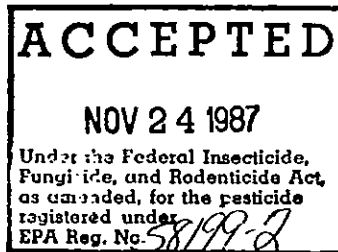
CAUTION

See back panel for additional precautions

EPA Registration No. _____
EPA Establishment No. _____

NET WT 12 fl. oz. (354 ml)

Distributed by:
PBT, Inc.
Overland Park, KS 66207



(Back panel)

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Shake well before using. Remove cap. Hold bottle upright and squeeze until squeeze meter reservoir is full. Prepare X-TRA solution by adding one squeeze meter measure of X-TRA Natural Plant Hormone Concentrate per gallon of water. Follow directions below for use in transplanting, as a foliar spray, to water plants and for rooting of cuttings. For best results apply X-TRA every two to four weeks. X-TRA solution may be mixed with insecticide solutions used when watering or spraying. Discard any unused solution.

TRANSPLANTING: To reduce transplant shock, promote root growth and increase transplant survival, apply the X-TRA solution as a soil drench to thoroughly soak the root zone after transplanting. Effective for use on all vegetables, flowers, bedding plants, shrubs, trees, or for repotting houseplants. Begin foliar spray or watering program two weeks later.

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FOLIAR SPRAY or WATERING: Spray the leaves with X-TRA until the leaves are well wetted, or apply to the root zone as in normal watering. Repeat every two weeks. Apply X-TRA to the following plants and vegetables.

House plants: To reduce stress, promote growth and/or flowering in Begonia, African Violet, Orchid, Chinese evergreen, Hibiscus, Gardenia, Schefflera, Philodendron, Swedish Ivy, Spider Plant, Ivy, Wandering Jew, Geranium, Cactus, Poinsettia, Norfolk Pine, Pothos, Rubber Plant, Palms, Ficus, Ferns, Coleus, Aloe Vera, Aralia and other potted plants apply X-TRA solution every two to four weeks.

Outdoor Plants: To reduce stress, promote root development, increase flowering and growth in ornamentals, flowers, shrubs, and trees including Azalea, Rhododendron, Rose, Dogwood, Sassafras, Bay, Maple, Pine and other conifers, hedges, perennials, Flowering Crab, Chrysanthemum Snapdragon, Marigold, Iris, Salvia, Impatiens, and all other bedded plants, shrubs and trees and ground covers, apply X-TRA solution every two to four weeks.

Vegetables: To reduce stress, improve root growth, increase flowering and blossom set and increase yields in Asparagus, beans, Broccoli, Brussels Sprout, Cabbage, Carrot, Cauliflower, Celery, Corn, Cucumber, Egg Plant, Lettuce, Melons, Okra, Onions, Parsley, Pepper, Potato, Sweet Potato, Spinach, Squash, Tomato, and Zucchini, spray X-TRA solution every two weeks during the early growth and blooming stages and at two to four week intervals when harvesting begins.

Fruits: To promote fruit set and retention, to reduce fruit abortion and to improve fruit size and sweetness and flavor of apples, grapes, oranges, peaches, and strawberry plants, spray X-TRA solution every two weeks beginning with first bloom. To promote flower bud initiation for the next fruit crop, make final spray application about four weeks after harvest. X-TRA can be sprayed as a mixture with insect or fungicide sprays being applied to fruit trees during fruit development.

Lawns: When using a pressure sprayer, add 2 squeeze meter measures of X-TRA Natural Plant Hormone concentrate per gallon of water and spray 2 gallons of the solution per 500 square feet of lawn. For hose end spraying, apply two squeeze meter measures per 500 square feet of lawn to be sprayed. Measure proper amount of X-TRA Natural Plant Hormone concentrate into hose end reservoir and set metering gauge to dispense two ounces per 500 square feet. Apply to lawn monthly during growing season.

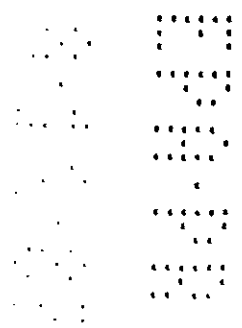
CUTTINGS: To promote rooting of cuttings: first, place cuttings in a solution of X-TRA for 24-36 hours; second, replace X-TRA solution with water and hold in well lit area until rooted; third, transplant and drench soil with X-TRA solution. A second method is to stick cuttings in appropriate rooting medium and thoroughly soak with X-TRA solution. Spray or mist the cutting foliage with X-TRA solution weekly until rooted. Then follow watering or spraying instructions every two weeks.

CAUTION: KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin or eyes. May cause irritation. **FIRST AID:** Skin, flush with water. Eyes, flush with water, get medical attention.

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SATISFACTION GUARANTEED! IF not totally pleased, return unused portion to PBT, Inc., Overland Park,KS for a full refund.

X-TRA is a trademark of P.B.T., Inc., Overland Park, KS. The information given here is based on tests and information considered to be true and accurate. It is offered for the user's consideration, investigation, and verification, but we do not guarantee the results. Please read all statements, recommendations or suggestions in conjunction with our conditions of sale which apply to all goods supplied by us. No statement, recommendation or suggestion is intended for any use which would infringe any patent or copyright.



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