432-1476 10/11/2007 1/8

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:	Date of Issuance:
432-1476	OCT 11 2007

NOTICE OF PESTICIDE:
x Registration
___ Reregistration
(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:
Tiberon 2.8% SC

Name and Address of Registrant (include ZIP Code):
Bayer Environmental Science (Attention Mr. Mike Gorrell)
P.O. Box 12014
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Note: Changes in labeling 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 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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4.

2. Before releasing the product for shipment, revise the EPA Registration Number to read, "EPA Reg. No. 432-1476." Submit a final printed label making the following changes:
   A. To the label's 'PPE section' and the 'Agricultural Use Requirements section' change 'waterproof gloves' to read: 'chemical-resistant gloves made of a waterproof material'.

   B. If favorable results have been experienced for product usage on campensis, daphne odora, hosta, or schefflera, the revised label must include these use sites in the table on page 3, otherwise they must be listed on page 4.

Signature of Approving Official:
Tony Kish
Product Manager, Team 22
Fungicide Branch
Registration Division (7504P)

Date:
OCT 11 2007

2C. On Page 5, change 'Amount Tiberon per volume of water' to 'Amount of cyclanilide per volume of water'.

3. Submit a GLP one-year storage stability study (830.6317) and corrosion characteristics study (830.6320) by December 31, 2008.

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

A copy of the label stamped "Accepted with Comments" is enclosed for your records.

Enclosures

Tiberon 2.8% SC

FOR USE IN OUTDOOR NURSERY AND PLANT PRODUCTION FACILITIES
DO NOT USE IN A GREENHOUSE

ACTIVE INGREDIENT: Cyclanilide (1-[[(2,4-Dichlorophenyl)amino]carbonyl]cyclopropanecarboxylic acid).....2.8%
OTHER INGREDIENTS: 97.2%
TOTAL: 100%
*Contains 0.24 pounds cyclanilide per gallon.

EPA Reg. No. 432-XXXX **EPA Est. No.**

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-334-9745

FIRST AID

IF IN EYES	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS

WARNING
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear protective eyewear, long-sleeved shirt, long pants, shoes plus socks, and chemical resistant gloves made of waterproof material.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product concentrate. Do not reuse them.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 11 2007

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 432-1476

User Safety Recommendations

Users must wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users must remove clothing immediately if pesticide gets inside. Then wash body thoroughly and change into clean clothing. The contaminated clothing must be washed before reuse.

Users must remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations. Read entire label before using this product.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE

Store in original container and keep tightly closed. Store in a cool dry place.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses; and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry-interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls; waterproof gloves; shoes plus socks; protective eyewear.

GENERAL PRECAUTIONS AND RESTRICTIONS

For local recommendations on rates, spray volumes (gallons of water per acre), and spray equipment under varying temperature and rainfall conditions consult Bayer Environmental Science Representative for his experience with this product in your area.

Use Directions for Tiberon Plant Growth Regulator

General Information

Tiberon is a plant growth regulator that inhibits auxin activity, particularly in meristematic plant tissue. As a result, apical dominance is suppressed. This effect has resulted in increased branching of trees without the need to prune the central leader. Increased branching in shrubs and cut-flowers can also be achieved. Plants treated with Tiberon are often more compact than untreated plants.

Branching is typically induced near actively growing terminals. In some plants, such as California pepper tree and Chinese flame tree (*Koelreuteria bipinnata*), buds also break in blank wood below the terminal shoot apex. Effects on auxin activity are temporary, usually about 3 weeks. Additional treatments may be made to continue the effect. Treatment intervals for each specific use need to be evaluated on a case-by-case basis.

This product may replace the need to prune off the terminal growth to induce branching or can be used in conjunction with pruning or pinching.

Prior to the production-scale use of this product small-scale on-site testing should be implemented for the specific site and variety to determine appropriate rate to provide desirable performance. Tiberon may be used in a program approach with other plant growth regulators, but it is recommended that all uses in a program with other plant growth regulators be evaluated on a case-by-case basis.

Application
Tiberon is applied as a broadcast spray. Spray foliage to drip. Entire plants or specific plant parts may be treated. Use of a non ionic adjuvant may promote increased activity. Plants must be vigorously growing to achieve the branching response. This product is acidic. Application of Tiberon on leaves treated with copper can result in leaf burn.
Tiberon can be used in nursery sites on any non-bearing plant. However, testing on a small scale should be conducted on-site to determine performance and impact on plant quality prior to use on a large scale. Consider testing various rates, timing, and one vs. two applications for optimal response at each location. Results may vary from year to year.

Use on Ornamentals and Cut Flowers
The following are general guidelines. Plants must be in an active and vigorous growing condition at the time of application and for several weeks following the application. Any ornamental plant that has shown a desirable response to Tiberon may be considered as a candidate for application of this product. Consult the rate chart below for the correct amount of Tiberon per gallon or liter of water. Most woody ornamentals respond well to 1 to 2 applications of 50 to 200 ppm. Typically one application of 100 ppm is adequate. Many herbaceous ornamentals respond to applications between 5 and 20 ppm.

For Lilacs use 1-3 applications of 100-200 ppm one month apart to achieve the desired amount of branching.

Use 50 to 75 ppm rate range for Goldenrod (Solidago).

Some species respond to 5 to 20 ppm, including Bradford pears, and Myrtle (*Myrtus cummunis*).

Ornamentals that have shown a favorable response(increased branching) to Tiberon:

Common Name	Scientific Name
Abelia	*Abelia gaucherie*
Anise	*Illicium parviflorum*
Arizona redwood	*Vuaquelinia californica*
Azalea	*Rhododendron sp*
Barberry	*Berberis thunbergii*
Birch	*Betula sp*
Blueberry (non bearing ornamental)	*Vaccinium sp*
Bottle brush	*Callistemon lanceolatus*
California pepper tree	*Schinus molle*
Camellia	*Camellia sp*
Carissa	*Carrisa macrocarpa tuttlei*
Cherry	*Prunus sp*
Chinese flame tree	*Koelreuteria bipinnata*
Convolvulus	*Convolvulus sp*
Coneflower, Eastern purple	*Coneflower, Eastern purple*
Coreopsis	*Coreopsis rosea*
Crabapple	*Malus sp*
Crape myrtle	*Lagerstroemia sp*
Croton	*Codiaeum sp*
Eastern redbud	*Cercis canadensis*
Euonymus	*Euonymus alata*
Ficus	*Ficus nitida*
Flowering quince	*Chaenomeles sp*
Gardenia	*Gardenia jasminoides 'veitchii'*
Common hawthorn	*Crataegus sp*
Hibiscus (tropical)	*Hibiscus sp*
Honey locust	*Glidetsia triacanthos*
Hydrangea	*Hydrangea sp*
Indian hawthorn	*Raphiolepsis indica*
Holly/inkberry	*Ilex glabra*
Holly	*Ilex crenata 'Sky Pencil'*
Holly/Burford	*Ilex cornuta 'Bufordii'*
Japanese ternstroemia	*Ternstroemia gymnanthera*
Little-leaf linden	*Tilia cordata*

Common Name	Scientific Name
Loquat	*Eriobotrya japonica*
Myrtle	*Myrtus sp*
Oak	*Quercus sp*
Oleander	*Nerium oleander*
Phlox	*Phlox paniculata*
Physocarpa	*Asclepias physocarpa*
Privet	*Ligustrum sp*
Purple coneflower	*Echinacea purpurea*
Rose	*Rosa sp*
Spirea	*Spirea sp*
Tree lilac	*Syringa reticulata*
Viburnum	*Viburnum tinus*
Xylosma	*Xylosma senticosum*

Ornamentals that have *not* shown a favorable response to Tiberon:

Common Name	Scientific Name
Acacia	*Acacia redolens*
Acacia	*Acacia sp*
Blue Girl holly	*Ilex sp*
Boronia	*Boronia sp*
Butterfly bush	*Buddleia sp*
Cape honeysuckle	*Tecomaria capensis*
Cistus	*Cistus corbariensis*
Common buckthorn	*Rhamnus sp*
Desert pine	*Pinus eldarica*
Dieffenbachia/dumb cane	*Dieffenbachia seguine*
Dwarf schefflera	*Schefflera aboricola*
Heller Japanese holly	*Ilex crenata 'Helleri'*
Hosta	*Hosta spp.*
Hydrangea	*Hydrangea macrophylla 'Geoffrey Chadbundt'*
Impatiens	*Impatiens capensis*
Jacaranda	*Jacaranda acutifolia*
Japanese pieris	*Pieris japonica 'Cavatine'*
Juniper	*Juniperus horizontalis 'Blue Rug'*
Maple	*Acer spp.*
Mock orange	*Pittosporum tobira*
Nandina/Heavenly bamboo	*Nandina domestica*
Olive	*Olea europea*
Photinia	*Photina sp*
Rhododendron	*Rhododendron 'Golden Touch'*
Star jasmine/confederate jasmine	*Trachelospermum jasminoides*
Strawberry tree	*Arbutus unedo*
Rosemary	*Rosemarinus officinalis*
Russian sage	*Perovskia atriplicifolia*
Variegated privet	*Ligustrum sinensis 'variegata'*
Viburnum	*Viburnum nudum*
Winter daphne	*Daphne odora*
Wisteria	*Wisteria sp*

Use on fruit trees (non-food only)

Sweet cherry and Apple varieties: 1 to 2 applications of 50 to 100 ppm. Typically one application at 100 ppm provides acceptable branching. If using a two-spray regime, consider making the second application about 1 week later. Some reduction in growth of the central leader may be observed with two applications.

Pear and Plum varieties: 1 application of 5 to 20 ppm. Typically 10 to 20 ppm provides acceptable branching.

Treatments to nectarine have not been effective.

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Application timing for fruit trees (non-food only)
The following information is for initial guidelines for application timing. It is important to have a vigorously growing plant at the time of application and for several weeks following application to obtain satisfactory branching and good development of new branches.

Induced branching of cherries tends to occur 4 to 8 inches above the height of the terminal shoot apex at the time of application. Induced branching in apples occurs about 1 to 4 inches below the height of the terminal shoot apex at the time of application.

Tiberon Rate Chart				
Cyclanilide	**Amount Tiberon per volume of water**			
ppm final concentration	**oz per gallon water**	**oz per 100 gallons water**	**mL per liter water**	**mL per 100 liter water**
1	0.0045	0.45	0.035	3.5
5	0.0220	2.20	0.180	18
10	0.0450	4.50	0.350	35
20	0.0900	9.00	0.700	70
50	0.2200	22.00	1.800	180
100	0.4500	45.00	3.500	350
200	0.9000	90.00	7.000	700
500	2.2400	224.00	18.000	1800
1000	4.5000	450.00	35.000	3500

Do not tank mix Tiberon SC with pesticides or liquid fertilizers containing micronutrients.
Use Restrictions

- Do not apply more than 0.34 lb ai/A per crop per year
- Do not apply more than 3 applications per crop per year

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury or ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer Environmental Science. All such risks shall be assumed by the user or buyer.

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PRODUCED FOR

Bayer Environmental Science

A BUSINESS GROUP OF BAYER CROPSCIENCE LP
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Tiberon 2.8% SC (PENDING) Submitted12/19/06, Resubmitted 05/24/07, Resubmitted 06/15/07,Resub 09/26/07, Resub 10/08/07