

## 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:

79676-49

MAR 2 2007

Term of Issuance:

Conditional

Name of Pesticide Product:

ETI 108 10 H Turf and Ornamental Herbicide

NOTICE OF PESTICIDE:

x Registration Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

**Etigra** 

c/o Pyxis Regulatory Consulting, Inc.

4110 136th St. NW

Gig Harbor, WA 98332

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

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) and (B) provided that you:

- 1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
- 2. Submit within one year of the date of this registration notice, storage stability (830.6317) and corrosion characteristics (830.6320) studies.
- 3. Make the following label changes:
  - a. Under Storage and Disposal, the bullets must read Pesticide Storage, Pesticide Disposal and Container Disposal.
  - b. Revise the EPA Registration Number to read, "EPA Reg. No. 79676-49.
- 4. Submit to this Agency a copy of the purchasing order or bill of sales showing the source of the product named on the Formulator's Exemption Statement, and with which this product is to be manufactured; prior to manufacturing this product.
- 5. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Joanne J. Miller

Signature of Approving Official:

Joanne I. Miller

Product Manager 23

Herbicide Branch

Registration Division (7505P)

Date:

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Joanne I. Miller Product Manager (23) Herbicide Branch Registration Division (7505P)

## ETI 108 10 H Turf and Ornamental Herbicide

For control or suppression of listed annual grasses and broadleaf weeds and season-long control of crabgrass in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes, and ornamental landscape areas.

In the state of New York, this product may be applied only by commercial applicators at no more than 714 lbs. (0.5 lb. of active ingredient) per acre (16.4 lbs. per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

#### **ACTIVE INGREDIENT:**

This product contains 0.035 pound of the active ingredient dithiopyr per 50 pound bag.

# KEEP OUT OF REACH OF CHILDREN CAUTION

	FIRST AID
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
	HOT LINE NUMBER
	duct container or label with you when calling a poison control center or doctor, or going for bu may also contact 1-800-424-9300 for emergency medical treatment information.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this product may cause allergic reaction in some individuals

#### Manufactured for:

Etigra™
501 Cascade Pointe Lane
Suite 103
Cary, NC 27513
www.etigra.com

EPA Reg. No. 79676-

ETI 108 10 H contains dithiopyr, the active ingredient used in Dimension<sup>®</sup>.

ACCEPTED
with COMMENTS
In EPA Letter Dated EPA Est. No.
MAR 2 2007

Net Weight:

Inder the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

79676-49

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. 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 apply when weather conditions favor drift from treated areas. 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.

ETI 108 10 H is <u>for use</u> on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns. ETI 108 10 H is <u>not for use</u> on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

#### **Use Directions for Turf**

ETI 108 10 H contains the active ingredient dithiopyr. The following sites may be treated with ETI 108 10 H for season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds:

- · established lawns and ornamental turfs
- golf course fairways, roughs and tee boxes

Established ornamentals (see the table *List of Tolerant Ornamentals*) located near where turf applications are made will not be injured when ETI 108 10 H is applied according to the directions in this label.

#### **USE PRECAUTIONS**

#### **General Turf Uses**

The first application of ETI 108 10 H should be made to seeded, sodded, or sprigged lawns and ornamental turfs that are well-established (defined as turfgrass with a well-developed and vigorous root system, with a uniform stand, and which have received a minimum of two mowings after the seeding, sodding, or sprigging). Chances of injury increase if ETI 108 10 H is applied to turfgrasses that are not well-established, or are weakened by stress from disease, pests, weather, chemical or mechanical treatments.

- Do not use clipping from treated turf for mulching around vegetables or fruit trees.
- Do not allow people or pets to enter treated area until dust has settled.
- Do not graze livestock or feed forage cut from areas treated with this product.

#### Reseeding, Overseeding or Sprigging

- To ensure establishment of desirable turfgrasses, do not reseed, overseed, or sprig areas treated with ETI 108 10 H within 10 weeks after a single application of this product, or within 16 weeks after a split application program totaling 16.4 lb/1000 sq ft (0.5 of active ingredient per acre).
- Use established cultural practices for seedbed preparation, seeding, irrigation and fertilization when reseeding or overseeding.
- Mechanical or power seeding equipment such as slit seeders which provide good contact between soil and seed are recommended for best overseeding results.

#### **Controlling Crabgrass**

ETI 108 10 H provides early postemergence weed control of crabgrass. Postemergence applications may be made but to effectively control crabgrass, apply ETI 108 10 H prior to the 3-leaf stage of growth or first tiller. For best results, cultural practices that disturb the soil (e.g., core-, spike-, or hydro-aerification, and verticutting) should be done before application of ETI 108 10 H. Apply ETI 108 10 H after these activities are completed and the grass has recovered from any injury caused by these activities.

#### **Turfgrass Tolerance**

Due to the large number of species and cultivars, it is impossible to test all turfgrass varieties for tolerance to ETI 108 10 H. Before application on large-scale areas, the user should determine if ETI 108 10 H can be used safely on turfgrass varieties not listed on this label by testing on a small area using the recommended application rates.

Apply ETI 108 10 H as directed only to the tolerant turfgrass species listed below.

## **Tolerant Turfgrass Species**

#### **Cool-Season Grasses**

Bentgrass, creeping\* (Agrostis palustris)
Bluegrass, Kentucky (Poa pratensis)
Fescue, fine\*\* (Festuca rubra)
Fescue, tall (Festuca arundinacea)
Ryegrass, perennial (Lolium perenne)

#### Warm-Season Grasses

Bahiagrass (Paspalum notatum)
Bermudagrass (Cynodon dactylon)
Buffalograss\*\*\* (Buchloe dactyloides)
Carpetgrass (Axonopus affinis)
Centipedegrass (Eremochloa ophiuroides)
Kikuyugrass (Pennisetum clandestinum)
St. Augustinegrass (Stenotaphrum secundatum)
Zoysiagrass (Zoysia japonica)

- \* Although not all varieties of creeping bentgrass have been tested, use of ETI 108 10 H on certain varieties of creeping bentgrass (Cohansey, Carmen, Seaside and Washington) may result in undesirable turfgrass injury. Do not apply this product to Colonial bentgrass (*Agrostis tenuis*).
- \*\* While not all varieties of fine fescue have been tested, some varieties of fine fescue (i.e., Atlanta, Banner, Beauty, Bilgart, CF-2. Enjoy, HF-93, Highlight, Ivalo, Jamestown, Koket, Majenta, Mary, Pennlawn, Tamara, Tatjana, Waldorf, and Waldina) may result in undesirable turf injury as a result of applications of ETI 108 10 H.
- \*\*\* For seedling Buffalograss, do not apply ETI 108 10 H in the spring of the first year of turf establishment; apply ETI 108 10 H only when the turfgrass has established new roots and is fully green.

## **Application Directions for Turf**

#### Tips to Improve Weed Control

- For best results, wait a few days after moving before applying ETI 108 10 H and delay the next moving for a few days after the application.
- The active ingredient in ETI 108 10 H and the fertilizer components in this product must be activated by rainfall or irrigation (½ inch of rainfall or sprinkler irrigation) after application to be efficacious. If ETI 108 10 H is not activated by rainfall or irrigation within 30 days after application, poor weed control may result.
- To improve weed control, make two split (half-rate) applications at 5-10 weeks apart.

#### Maximum Use Rates for All Turfgrass Uses

 Do not apply more than 714 lb. (0.5 lb active ingredient) per acre (16.4 lb per 1000 sq ft) per application or more than 2143 lb (1.5 lb active ingredient) per acre (49.2 lb per 1000 sq ft) per year if using split or sequential applications. • In the state of New York, this product may be applied only by commercial applicators at no more than 714 lb (0.5 lb active ingredient) per acre (16.4 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

## Preemergence and Early Postemergence Crabgrass Control

- When applied before germination and emergence of crabgrass, ETI 108 10 H provides preemergence control of crabgrass (including the large, smooth, and Southern species) in established turfgrasses.
- Early postemergence control of crabgrass can be achieved if ETI 108 10 H is applied before the 3-leaf stage of growth or first tiller which corresponds to the time when crabgrass seedlings are first visible in the established turfgrass. This postemergence crabgrass control provides a 2-4 week longer window of application during which crabgrass control can be achieved.

## **Application Frequency and Timing**

ETI 108 10 H may be applied as a single application, as a split application, or as a sequential application for crabgrass control in the spring, summer, or fall as described in the table below, *Application Programs for Crabgrass Control in Turf.* 

#### Spring Applications to Turf

For spring or early summer applications, select an application rate from one of the three programs listed in the *Application Programs for Crabgrass Control in Turf* table below. The rate recommendations vary from region to region and depend on other factors such as the mowing height of the turfgrass and the application timing (*preemergence* or *early postemergence*). ETI 108 10 H provides residual weed control which is directly related to the application rate. However, other factors (weather, weed pressure, turfgrass competitiveness, and the location of the treatment area within a region) impact the duration of weed control.

**Program 1:** Select this program for *preemergence* control of crabgrass, and for early *postemergence* control of crabgrass up to the 3-leaf stage or first tiller, at sites where turfgrass is cut relatively high (e.g., homeowner lawns). Control of *preemergence* crabgrass lasts 3-5 months.

**Program 2:** Select this program for *preemergence* control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways), and when (b) turfgrass maintenance or weed control has been conducted during the previous year. *Preemergence* crabgrass control is achieved for 4-6 months. Select this program for *early postemergence* control of crabgrass up to the 3-leaf stage or first tiller at sites where turfgrass is cut relatively high (e.g., residential lawns).

**Program 3:** Select this program for 4-6 months crabgrass *preemergence* control, or for *early postemergence* control of crabgrass up to the 3-leaf stage or first tiller, at sites where (a) turfgrass is cut relatively low (e.g., golf fairways) and when (b) turf maintenance or weed control has *not* been conducted during the previous year.

## **Application Programs for Crabgrass Control in Turf**

		Application Rates for Different Regions				
		Other states (see Footnote 1)	Transition States <sup>2</sup>	Southern States <sup>3</sup>	Coastal Southern States <sup>4</sup>	Western States <sup>5</sup>
Program 1	lb./acre	271	357	543	357 + 357	271 + 357
	lb./1000 sq ft	6.2	8.2	12.5	8.2 + 8.2 <b>§</b>	6.2 + 8.2
	lb. a.i./acre	0.19	0.25	0.38	0.25 + 0.25	0.19 + 0.25
Program 2	lb./acre	357	543	357 + 357	443 + 443	357 + 543
	lb./1000 sq ft	8.2	12.5	8.2 + 8.2 <b>§</b>	10.2 + 10.2 <b>§</b>	8.2 + 12.5
	lb. a.i./acre	0.25	0.38	0.25 + 0.25	0.31 + 0.31	0.25 + 0.38
Program 3	lb./acre	543	714	443 +443	543 + 543	357 + 357
	lb./1000 sq ft	12.5	16.4	10.2 + 10.2 §	12.5 + 12.5 §	8.2 + 8.2 <b>§</b>
	lb. a.i./acre	0.38	0.5	0.31 + 0.31	0.38 + 0.38	0.25 + 0.25

- 1 Does NOT include NY. Includes parts of states not included in Transition, Southern, Coastal Southern or Western states.
- 2 Includes DE, KS, KY, MD, MO, NJ, VA, Southeastern PA, Southeastern areas of IL, IN, OH, and Coastal areas of CT, and RI.
- 3 Includes AL, AR, GA, LA, MS, NC, NM, OK, SC, TN, and TX.
- 4 Include HI, FL, and Southern coastal areas of AL, GA, LA, MS, NC, SC, and TX
- 5 Includes AZ, CA, and NV. In this climatically diverse region, use the higher rates in the local areas with longer crabgrass seasons.

§Split applications may be made 5-10 weeks apart.

**Split or Sequential Applications:** Split or sequential applications of ETI 108 10 H improve weed control or extends weed control in areas with long growing seasons. To make split applications, select the rate in the *Application Programs for Crabgrass Control in Turf* table and apply one half the rate followed by a second application 5-10 weeks later. If longer periods of control are required, use sequential applications by making applications either (1) in late summer or fall after a spring application or (2) in the spring after a fall application. In either case, do not exceed the maximum application rate per year (refer to the section *Maximum Use Rates for All Turfgrass Uses* above).

## **Fall Applications to Turf**

ETI 108 10 H can also be applied in the late summer through early fall (late August through November) to provide control of crabgrass through the early part of the next spring. Select the rates for Program 3 listed in the Application Programs for Crabgrass Control in Turf table. For season-long control of crabgrass, this fall application may be followed by a sequential application of ETI 108 10 H the following spring.

## **Weeds Controlled or Suppressed**

**Spring Applications:** The following weeds are controlled or suppressed by ETI 108 10 H when applied preemergence (before germination) for control of crabgrass in the spring. Use the application rates noted in the Application Program for Crabgrass Control in Turf table above.

#### Grasses

Barley (Hordeum spp.) Barnyardgrass (Echinochloa crus-galli) Bluegrass, annual (Poa annua) Brome (Bromus spp.) Crabgrass, large (Digitaria sanguinalis) Crabgrass, smooth (Digitaria ischaemum) Crabgrass, Southern (Digitaria ciliaris) Crowfootgrass § (Dactyloctenium aegyptium) Dallisgrass (seedling) (Paspalum dilatatum) Goosegrass (Eleusine indica) Foxtail, green (Setaria Verdi) Foxtail, yellow (Setaria faberi) Kikuyugrass § (Pennisetum clandestinum) Oats, wild (Avena fatua) Ryegrass (annual & perennial) (Lolium spp.) Sandbur (Cenchrus spp.) Smutgrass (Sporobolus indicus)

## **Broadleaf Weeds**

Bittercress § (Cardamine spp.) Carpetweed (Mollugo verticillata) Chickweed § (Stellaria spp.) Geranium, Carolina § (Geranium carolinianum) Henbit (Lamium spp.) Knotweed, prostrate (Polygonum aviculare) Lespedeza, common § (Lespedeza striata) Marestail (Convza canadensis) Medic, black (Medicago lupulina) Mustard (Brassica spp.) Oxalis, buttercup (Oxalis pes-caprae) Pineappleweed § (Matricaria matricarioides) Pigweed, redroot (Amaranthus retroflexus) Parsley-piert § (Alchemilla arvensis) Purslane, common (Portulaca oleracea) Rocket, London (Sisymbrium irio) Shepherdspurse (Capsella bursa-pastoris) Speedwell, corn § (Veronica arvensis) Spurge, garden (Euphorbia hirta) Spurge, prostrate (Euphorbia humistrata) Spurge, spotted (Euphorbia maculate) Woodsorrel, creeping (Oxalis corniculata) Woodsorrel, yellow (Oxalis stricta)

§ Suppression only

**Fall Applications:** The following weeds are controlled or suppressed by ETI 108 10 H when applied *preemergence* (before germination) in the late summer through early fall (late August through November). This application timing also provides preemergence control of crabgrass in the following spring.

Bluegrass, annual (Poa annua)
Bittercress (Cardamine spp.)
Chickweed (Stellaria spp.)
Henbit (Lamium spp.)
Geranium, Carolina (Geranium carolinianum)
Parsley-piert (Alchemilla arvensis)
Pineappleweed (Matricaria matricarioides)
Shepherdspurse (Capsella bursa-pastoris)

## **Application Instructions and Equipment**

Apply ET 108 10 H with drop or rotary-type spreaders designed to apply granular herbicides but avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Follow the manufacturer's directions to calibrate the spreader and check equipment often to verify calibration and to ensure proper dispersion and distribution of the granules. Adjust the spreader settings to ensure delivery of the recommended application rate under actual application conditions. Apply this product uniformly over the treatment area and avoid streaking, skips, or overlaps during application. To improve uniform coverage, apply one-half of the required amount of ETI 108 10 H over the treated area and then apply the remaining one-half of product by walking in a different direction (such as at a right angle to the first direction)

[Optional Text] Recommended Spreader Settings

Use the following chart as a guide for establishing an accurate application rate of ETI 108 10 H. Rates will vary depending on speed, equipment wear and condition of spreader. Calibrate application equipment according to the manufacturer's directions prior to use and check frequently to be sure the equipment is working properly and distributing ETI 108 10 H uniformly and accurately.

Insert additional or alternate list of application spreaders and settings based on carrier used. (This note will not appear on the final printed label).

## **Application Directions for Landscape Ornamentals**

ETI 108 10 H provides *preemergence* control or suppression of listed annual grass and broadleaf weeds in the ornamental plants listed on this label. ETI 108 10 H may be applied in ornamental gardens, golf courses, parks, and residential areas where ornamental plants are grown for aesthetic purposes. Use ETI 108 10 H with a properly calibrated spreader that will provide uniform particle distribution. Follow the instructions in the *Application Instructions and Equipment* section above.

#### **Use Rates**

ETI 108 10 H may be applied as a single application or as a split application. Improved weed control or extended weed control in areas with long growing season are achieved using split or sequential applications. Split applications are made by dividing the rate in the following table into two separate applications made 5-10 weeks apart. Sequential applications may be made either (1) in the late summer following a spring application or (2) in the spring after a fall application. In either case, do not exceed the maximum application rates per year noted below.

Landscape Ornamental Use Rates

lb. Product/Acre	714
lb. Product/1000 sq. ft.	16.4
lb. Product/100 sq. ft. *	1.64 (26.2 oz)

<sup>\*</sup> This rate is based on an area of 100 sq. ft. for treatment of small areas.

#### Maximum Use Rates

- Do not apply more than 714 lb (0.5 lb active ingredient) per acre (16.4 lb per 1000 sq ft) per application or more than 2143 lb (1.5 lb active ingredient) per acre (49.2 lb per 1000 sq ft) per year if using split or sequential applications.
- In the state of New York, this product may be applied only by commercial applicators at no more than 714 lb (0.5 lb active ingredient) per acre (16.4 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

## **Application Timing and Recommendations**

ETI 108 10 H is effective as a preemergence herbicide. ETI 108 10 H does not control established weeds. Make applications to mulched areas or bare ground prior to weed seed germination. For optimum weed control, apply ETI 108 10 H to soil that is free of clods, weeds and debris such as leaves. Prior to application, control existing weeds or vegetation by hand weeding, cultivation or using postemergence herbicides.

#### **Tips to Improve Weed Control**

The active ingredient in ETI 108 10 H and the fertilizer components in this product must be activated by rainfall or irrigation (½ inch of rainfall or sprinkler irrigation) after application to be efficacious. If ETI 108 10 H is not activated by rainfall or irrigation within 30 days after application, poor weed control may result. Do not disturb treated soil surfaces by mixing or tilling or weed control may be reduced.

#### **Precautions**

- Before application, ensure that the ornamental plants are well-established.
- Direct application of ETI 108 10 H to bare roots of ornamental plants may result in injury.
- To avoid plant root injury and dilution of the product, do not incorporate this product into the soil.
- A number of factors (i.e., drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides, or damage to insects, nematodes or disease) can lead to plant stress. Do not apply to soil around ornamental plants that are under stress.
- Irrigation immediately after application will remove any herbicide granules adhering to foliage and prevent foliar damage to ornamentals.
- Do not apply under conditions that would affect uniformity of application or distribution on the soil surface which will result in uneven weed control. Do not apply under windy conditions to avoid drift of granules from the intended treatment area.
- Do not graze livestock or feed forage cut from area treated with this product.

## Weeds Controlled or Suppressed

When used as directed, ETI 108 10 H will control crabgrass and control or suppress other listed grass and broadleaf weeds when applied before their germination. Consult the *Weeds Controlled or Suppressed* table in the section *Application Directions for Turf* above. Except for crabgrass in early stages of development, ETI 108 10 H will not control established broadleaf weeds or grasses. Ensure the area to be treated is free of weeds prior to application.

#### **Tolerant Ornamentals**

The ornamentals listed below have shown tolerance to this product when applied according to directions in this label. Due to the large number of species and cultivars, it is impossible to test all ornamental varieties and under all possible growing conditions for tolerance to ETI 108 10 H. Before application on large-scale areas, the user should determine if ETI 108 10 H can be used safely on ornamental varieties not listed on this label by testing on a few plants in a limited area under local growing conditions.

## **List of Tolerant Ornamentals**

Name	Tolerant Cultivars
Abelia, Dwarf	Nana
Abelia X grandiflora	
Ajuga	
Ajuga reptans	Bronze
Ajuga genevensis	Bronze Beauty
Almond, Flowering	
Prunus glandulosa	
Apple §	
Malus pumila	
Arborvitae	Nigra
Thuja occidentalis	Pyramidalis
	Smaragh
	Techny Woodwardii
Arbonuitae Goldon	VVOodwardii
Arborvitae, Golden  Thuja orientalis	
Aster, Chinese	Dwarf Queen
Callistephus chinensis	Dwall Queell
Ash, Green	
Fraxinus pennsylvanica	
Ash, Mountian	
Sorbus aucuparia	
Ash, Purple	
Fraxinus Americana	
Azalea	Brilliant
Rhododendron spp.	Buccaneer
	Carror
	Chimes (Belgian)
	Elsie Lee
	Exbury
	Fashion
	Hardijzer Beauty
	Hershey Red Higasa
	Hinocrimson
	Holland (hybrid)
	Marion Lee
	Northern Lights
	Orange Cup
	Orchid Lights
	Snow
	Southern Charm
Azalea, Flame	
Rhododendron calendulaceum	
Azalea, Kirishima	
Bamboo, Heavenly	Auroa
Barberry Berberis thunbergii	Aurea Dwarf Pigmy
perpara mumpergii	Green
	Kobold
	Pygmy Red
	Rose Glow
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Name	Tolerant Cultivars
Barberry, Purple	Atropurpurea
Basket flower	
Gaillardia grandiflora	
Bearberry (common)	Massachusetts
Arctostaphylos uva-ursi	
Bee Baim	
Monarda didyma	
Begonia	
Begonia spp.	
Birch, River	
Betula nigra	
Blackeyed Susan	Goldstrum
Rudbeckia hirta	
Blanket flower	
Gaillardia spp.	
Blueberry §	Bluecrop
Vaccinium spp.	Blue Jay
	Jersey
	North Blue
	Northland
Bottlebrush	
Callistemon citrinus	
Boxwood, Japanese	Japonica
Boxwood, Weller	
Buxus sempervirens	
Broom	
Cytisus spp.	Moonlight
Genista pilosa	Vancouver gold
Bugle Carpet	
Camellia	Debutante
Camellia Japonica	Mathotiana Supreme
0	Chansonette
Camellia sasanqua	0
Candy Tuft	Snow White
Iberis spp.	
Carex, Variegated Carex	
Cedar, Red	
Juniperus virginiana	
Celosia	
Celosia spp.	
Centaura	
Centaurea Montana	
Cockscomb, Plumosa	Scarlet Plumosa
Celosia cristata	
Coleus	Red Kewpie
Coleus blumei	
Columbine	
Aquilegia spp.	
Copper leaf	
Acalypha wilkesiana	
Coreopsis	Moonbeam
Coreopsis spp.	
Corn Flower	

Centaurea spp. Cotoneaster apiculatus Coyotebrush Baccharis pilularis Cyreads Cycads Cycas revolute Cypress, Bald Taxodium distichum Cypress, Italian Cupressus sempervirens Cypress, Italian Cypress, Leyland Cupressocyparis obtusa Cypress, Leyland Cupressocyparis leylandii Daffodil Narcissus spp. Daylity Hemerocallis spp. Dianthus (Sweet William) Dianthus spp. Delphinium Dianthus spp. Delphinium Magic fountain Delphinium spp. Dogwood Comus florida Dogwood, American Comus sericea Douglas Fir Pseudostuga menziesii Dusty miller Senecio cineraria Elm, Drake Umus parvifolia Euonymus Euonymus Euonymus Argeneo-variegata Auereo-marginata Colorata Emerald Gaiety Emerald eN Gold Gold Edge Gold Princess Silver king Tricolor Vegetus Fan Palm, European Chamaerops humilis Fern (various) Asparagus spp. Fescue	Name	Tolerant Cultivars
Cotoneaster Cotoneaster apiculatus Coycebrush Baccharis pilularis Cycads Cycas revolute Cypress, Bald Taxodium distichum Cypress, Italian Cupressus semperviens Cypress, Japanese False Chamaecyparis obtusa Cypress, Leyland Cupressocyparis leylandii Daffodli Narcissus spp. Aztec Gold Hemerocallis spp. Bight Yellow (Hybrid) Single Gold (Evergreen) Wilsonis Yellow Dianthus (Sweet William) Dianthus spp. Delphinium Delphinium spp. Dogwood Comus florida Dogwood, American Comus sericea Douglas Fir Pseudostuga menziesii Dusty miller Senecio cineraria Elm, Drake Ulmus parvifolia Elmonymus Euonymus Argenteo-variegata Auereo-marginata Colorata Emerald Gaiety Emerald eN Gold Gold Edge Gold Princess Silver king Tricolor Vegetus Fan Palm, European Chamaerops humilis Fan Palm, European Chamaerops humilis Fan Palm, Mexican Washingtonia robusta Feen (various) Asparagus spp. Fescue Fescue Fescue Fescue Fescue		TOTALIT OUILIYAIS
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Ulmus parvifolia  Euonymus  Euonymus fortunei  Colorata  Emerald Gaiety  Emerald eN Gold  Gold Edge  Gold Princess  Silver king  Tricolor  Vegetus  Fan Palm, European  Chamaerops humilis  Fan Palm, Mexican  Washingtonia robusta  Fern (various)  Asparagus spp.  Fescue  Festuca glauca	<del></del>	
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Asparagus spp. Fescue Festuca glauca		
Fescue Festuca glauca	,	
Festuca glauca	Asparagus spp.	
	Fescue	}
Fetterbush Rainbow	Festuca glauca	
	Fetterbush	Rainbow

Name	Tolerant Cultivars
Leucothoe fontanesiana	
Ficus	Nitidia
Ficus retusa	
Fir Fraser	
Abies fraseri	
Forsythia	Arnold Dwarf
Forsythia X intermedia,	Bronxensis Dwarf
	Lynwood Gold
	Meadowlark
	Spring Glory
Fuchsia	Weeping
Fuchsia spp.	
Galium	
Gallium ordoratum	
Gardenia	Mystery
Gardenia jasminoides	Radicans
Geranium	
Pelargonium hortorum	
Gum	
Eucalyptus citriodora	
Hawthorn	Cockspur white
Crataegus spp.	Crimson Cloud
	Enchantress
	Jack Evans
11 At . T !- A .	Washington White
Heather, Twisted Erica cinerea	Mediterranean Pink
Hemlock, Canada	
Tsuga canadensis	
Hibiscus	Blue Bird
Hibiscus spp.	Brilliant
	Hula Girl
Holly,	
llex spp.	Blue Boy
	Blue Girl
llex X meserveae	Burfodii
	China Girl
	Compacta
	Forsteri Hellerie
	Japanese Northern Beauty
	Needlepoint
	Nellie R. Stevens
llex X attenuata	Savannah
Holly, Chinese	
llex comuta	
Holly, Japanese	
Ilex crenata	
Holly, Yaupon	
Ilex vomitoria	
Honeysuckle	Claveyis Dwarf
Lonicera Japonica	Halliana
	Tatarian Canadian White

Name	Tolerant Cultivars
- Turno	Zebelli Red Hosta
Hosta	Albo Marginata
Hosta spp.	
Hosta lancifolia	
Ice Plant	
Carpobrotus edulis	
Impatiens	
Impatiens spp.	
Iris	Dwarf Blue
Iris spp.	Wedgewood
Ivy, English	Bulgaria
Hedera helix	Thorndale
Jasmine, Asian	
Trachelospermum asiaticum	
Juniper	Arcadia
Juniperus spp.	Armstrong
	Bar Harbor
Juniper	Blue Chip
Juniperus horizontalis	Blue Pacific
	Blue Rug
	Blue Star
	Broadmoor
	Buffalo
	Calgary Carpet
	Emerald Sea
	Emerald Spreader
	Endora Compacta Fruitlandi
	Green
	Gold Tip
	Hetzi
	Hughes
	Manhattan Blue
	Parsoni
	Pfitzeriana
	Plumosa
	Prince of Wales
	Procumbens Dwarf
	San Jose
	Sergeant Blue
	Sergeant Green
	Scandia
	Scopulorum Moonglow
	Scopulorum Skyrocket
Lucinos	Spartan
Juniper Juniperus chinansia	Tamariscifolia
Juniperus chinensis Juniper	Weberi
Juniper Juniperus sabina	Youngstown
συτηρότας σαμπα	Yukon Belle
King Palm	TUROIT DOILG
Archontophoenix cunninghamiana	,
Laurel, Australian	
Pittosporum tobira	
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Name	Tolerant Cultivars
Laurel, Mountain	
Kalmia latifolia	
Leucothoe	
Leucothoe fontanesiana	<u> </u>
Ligustrum, Japanese	
Ligustrum japonicum	
Lily, African	Albus
Agapanthus africanus	Peter pan
Lily, African Blue	
Lily of the valley	Mt. Fire
Pieris japonica	
Lilyturf	Evergreen Giant
Liriope muscari	Lilac Beauty
	Majestic
	Monroe White
	Variegata
Liriope, Green	
Liriope spicata	<u> </u>
Maple, Japanese	
Acer japonicum  Maple, Norway	<del>- </del>
Acer platanoides Maple, Red §	
Acer rubrum	
Maple, Silver	
Acer saccharinum	
Maple Sugar §	
Acer saccharum	
Marigold	Honeycomb
Tagetes patula	Variegata
, a.g	Wheeleris Dwarf
Mock Orange §	Golden
Philadelphus spp.	Snowflake Double White
Mondo Grass	
Ophiopogon japonicus	
Moss Rose	Sunnyside
Portulaca grandiflora	
Myrtle, Crape	Faurei
Lagerstroemia indica	Langer
	Muskogee
B.F	Standard Pink
Myrtle, wax	
Myrica cerifera  Nandina	Compacts
Nandina Nandina domestica	Compacta Nana
Narcissus	Ivaila
Narcissus Narcissus spp.	]
Oak, Laurel	
Quercus laurifolia	
Oak, Pin	
Quercus palustris	
Oak, Red	<del> </del>
Quercus rubra	
Oak, Southern	
we would not be set 1 do 1 ft.	

Name	Tolerant Cultivars
Quercus virginiana	I Olerant Outhvals
Oak, Willow	
Quercus Phellos	
Oleander	Hardy Red
Nerium oleander	Petite Pink
Nenum dieander	Sister Agnes
Ostoonosmum	
Osteospermum fruticosum	Whirligig
Pachysandra	
Pachysandra terminalis	
Palm, Bangalow	
Pampas Grass	
Cortaderia selloana	
Pansy	
Viola X wittrockiana	
Paper Flower	Barbara Karst
Bougainvillea glabra	Darbara Raist
Peach §	
Prunus persica	
Periwinkle, Dwarf	
Vinca minor	
Petunia	Picoti
Petunia X hybrida	
Photinia, Red Tip	
Photinia X traseri	
Pieris	
Pieris japonica	
Pine, Australian	
Pinus nigra	
Pine, Japanese Black	
Pinus thunbergiana	
Pine, Loblolly	
Pinus taeda	
Pine, Longleaf	
Pinus palustris	
Pine, Mugo	
Pinus mugo	
Pine, Scotch	
Pinus sylvestris	
Pine, Slash	
Pinus elliottii	
Pine, Swiss Mt.	
Pinus mugo	
Pine, Virginia	
Pinus virginiana	
Pine, White	
Pinus strobus	
Pineapple, Guava §	
Feijoa sellowiana	
Pieris	
Pieris taiwanensis	
Pittosporum, Japan	Athana
Potentilla	Abbotswood
Potentilla nepalensis	1

Name	Tolerant Cultivars
Potentilla fruticosa	, arating uniting
Privet Ligustrum japonicum	Golden Vicary Regal Texanum Wax Yellow Tipped
Privet, Glossy	
Ligustrum lucidum	
Pyracantha Pyracantha koidzumii	Gnome Lalandei Victory
Queen Palm Arecastrum ramanzoffianum	
Quince, Japanese §	
Rhododendron Rhododendron spp.	Album Cunningham White Fashion Hardy PJM Purple Gem Silvery Pink
Rhododendron, Carolina	
Rhododendron carolinianum	
Rhododendron, Catawba	
Rhododendron catawbiense	
Rockcress	Snowcap
Arabis spp.	
Rhodie max (Rosebay) Rhododendron maximum	
Rose §	Luta
Rosa banksiae	
Rosemary §	
Rosmarinus officinalis	
Rosemary, bog	Nana
Andromeda polifolia	Bha
Salvia	Rhea
Salvia farnacea Sedum	Dragon Blood Red
Sedum spurium	Red Carpet Yellow
Snapdragon	
Antirrhinum spp.	
Sourwood	
Oxydendrum arboretum	
Spiraea Astilbe X arendsii	Fanall
Spiraea	Anthony Waterer Red
Spiraea spp.	Dolchica
	Froebeli Pink
	Goldenflame red
	Snowmound White
	Van Houtte White

Name	Tolerant Cultivars
Spiraea, Garland	
Spiraea spp.	
Spruce, Black Hills	
Picea glauca	
Spruce, Colorado Blue	
Picea pungens	
Spruce, Norway	
Picea abies	
Spruce, White	Conica
Picea glauca	
Sweetflag, Grasyy-Le	
Sweetgum	
Liquidambar styraciffua	
Sycamore	
Platanus occidentalis	
Tree Fern (Tiki Fern)	
Asparagus virgatus	
Trumpet Flower, Evening	
Gelsemium sempervirens	
Tulip	Apeldoom
Tulip spp.	
Verbena, Shrub	
Lantana sellowiana	
Vervain	St. Paul
Verbena spp.	
Viburnum	American Cranberry Bush
Vibumum spp.	Arrowood
	Common Snowball
	European Cranberry Bush
	Linden
	Mohican
	Wright
Vinca (Periwinkle)	
Vinca minor	
Windmill Palm	
Trachycarpus fortunei	
Xylosma	
Xylosma congestum	
Yarrow	
Achillea spp.	
Yaupon	Dwarf
Ilex vomitoria	
Yew	Denisiformis
Taxus cuspidate	
Taxus X media	

<sup>§</sup> Make applications to ornamental species only. Do not use on food producing trees and ornamentals.

#### STORAGE AND DISPOSAL

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

Storage: Store this product only in its original container in a dry, cool, secured storage area.

**Disposal:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

**Empty Container Disposal:** Do not reuse empty bag. Dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Spill: In case of spill, sweep up material and dispose of material according to "Disposal" directions provided above.

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Etigra or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Etigra and Seller harmless for any claims relating to such factors.

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#### [Optional Text] Guaranteed Fertilizer Analysis: XX-XX-XX\*

Water-Insoluble Nitrogen	XX%
Total Nitrogen (N)	
Ammoniacal Nitrogen	
Urea Nitrogen	

Available Phosphoric Acid (P2O5)	XX%
Soluble Potash (K <sub>2</sub> O)	
Calcium (Ca)	
Magnesium (Mg)	
Copper (Cu)	
Iron (Fe)	
Manganese (Mn)	
Zinc (Zn)	

<sup>\*</sup>This product may be formulated with one or more of the following fertilizer materials: urea, methylene urea, sulfur coated urea, ammoniated phosphates, sulfate of potash, muriate of potash, copper oxide, iron oxide, manganese oxide, zinc oxide or limestone.