



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Ms. Jane Miller, Agent for ProActive, LLC
Biologic Inc.
115 Obtuse Hill
Brookfield, Connecticut 06804

NOV 16 2011

Subject: Label Amendment and Rebuttal to the Notice of Registration
Product Name: Pre-Amine 0.38% PLUS
EPA Reg. No. 74468-8
Application dated: August 22, 2011
Revised label submitted: October 5, 2011
Decision No: 454356

Dear Ms. Miller:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided the following:

1. Assure that the Net Contents and EPA establishment number are added to final printed labeling.

One copy of the label stamped "Accepted" is enclosed for your records. Products shipped after 18 months from the date on this notice or the next printing of the label, whichever occurs first, must bear the new revised label. Amended labeling will supersede all previously accepted ones. Submit one (1) copy of final printed labeling before you release the product for shipment.

If you have questions or concerns regarding this letter, please contact Beth Benbow at (703) 347-8072 or email at benbow.bethany@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V. Montague
Product Manager 23
Herbicide Branch
Registration Division (7505P)

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Original EPA Approval 11302006
Application for Amendment – revised label 10 03 2011

PRE-AMINE 0.38% PLUS

**For Pre-Emergence Control of Grass and Broadleaf Weeds in
Lawns and Ornamental Turf (excluding golf course putting greens),
and Landscape Ornamentals (including Established Perennials
and Wildflower Plantings)**

***Stops Many Weed Grasses Before They Grow
Prevents Crabgrass, Annual Bluegrass, Foxtail & More***

[Optional marketing statements:

*Sprinkle over mulch
Blocks Weeds Before They Sprout
Southern Garden Formula]*

ACTIVE INGREDIENT:

Prodiamine*0.38%

OTHER INGREDIENTS: 99.62%

TOTAL: 100.00%

* CAS No. 29091-21-2

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautionary statements

EPA Reg. No. 74468-8
EPA Est. No. XXXX-XX-XXX

NET CONTENT: _____

Manufactured by:
ProActive, LLC
Brookfield, CT 06804

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

NOV 16 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

74468-8

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if absorbed through skin. Harmful is inhaled. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> ● 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 ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> ● 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.
IF SWALLOWED:	<ul style="list-style-type: none"> ● Call a poison control center or physician 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 the poison control center or physician. ● Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> ● Move person to fresh air. ● If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. ● Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

If material is spilled: Contain and sweep up material of spill for disposal or use per label instructions. Wash cleanup equipment to prevent contamination elsewhere. Excess quantities above normal application rates could result in damage to plants subject to spill. Water-in remainder, disc under, cover with layer of soil, or leave exposed to sunlight as deemed appropriate to the situation.

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DIRECTION FOR USE

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

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

PRE-AMINE 0.38% Plus is a pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in established lawns and ornamental turf (excluding golf course putting greens), landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds by inhibiting germination, not root development.

WHEN TO APPLY TO ESTABLISHED TURF

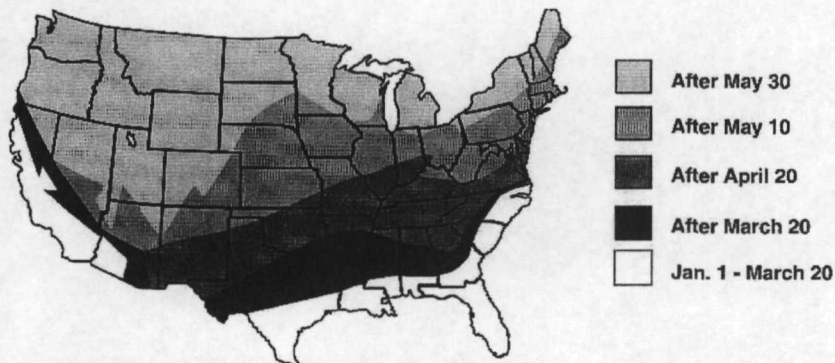
This product must be applied prior to germination of weed seeds, as it will not control established weeds.

APPLICATION DIRECTIONS

Apply this product uniformly, using a suitable spreader that has been properly calibrated. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1-2 inches) incorporation, prior to weed seed germination and within 14 days application. See map below for approximate crabgrass germination dates.

CRABGRASS SEED GERMINATION DATES

Approximate Date



USE PRECAUTIONS AND RESTRICTIONS

The following precautions apply to the use of this product in turf grasses and lawns.

- Application of this product may thin emerged annual bluegrass and newly overseeded grasses.
- Do not apply newly set sod until the following year.
- Application to turf stressed by drought, low fertility, or pest damage may result in turf injury.
- Disturbing the herbicide barrier with cultural practices (such as core aeration) may result in reduced weed control.
- Do not apply to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.
- Do not apply through any type of irrigation system.
- Do not apply aerially.
- Do not graze or feed livestock forage cut from treated areas.

RATES OF APPLICATION

PRE-AMINE 0.38% Plus may be applied as a single application or in sequential applications to control weeds germinating throughout the year. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates listed

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for each turf species. The length of time of residual weed control provided by this product is related to the rate applied. Use the higher rates listed for longer periods of weed control.

PRE-AMINE 0.38% Plus is recommended for use on the turf grass species listed in the following table. The maximum amount of this product that may be applied per year is given for each turf grass species. Do not apply more than 395 lbs./A (1.5 lb. AI/A) of this product per calendar year.

MAXIMUM ANNUAL APPLICATION RATES	
Turf Species	Maximum Annual Rate ¹
Bahiagrass Bermudagrass ² Centipedegrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type) Zoysiagrass	9.1 lbs/1,000 sq. ft. per year (395 lbs/A per year)
Buffalograss Kentucky Bluegrass Perennial Ryegrass	6.0 lbs/1,000 sq. ft. per year (263 lbs/A per year)
Creeping Red Fescue	4.5 lbs/1,000 sq. ft. per year (197 lbs/A per year)
Creeping Bentgrass	3.9 lbs/1,000 sq. ft. per year (171 lbs/A per year)

¹These are the maximum rates per calendar year.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 132 lbs./A or 3.0 lbs./1,000 sq. ft. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of foxtail, goosegrass and rescuegrass due to reduced rates used in sprigging situations.

WEEDS CONTROLLED

When used according to label instructions, PRE-AMINE 0.38% Plus will control the following weeds:

Barnyardgrass	Kochia
Bluegrass, Annual (Poa annua)	Lambsquarter, Common
Carpetweed	Lovegrass
Chickweed, Common	Panicum (Texas, Fall, Browntop)
Chickweed, Mouseear (from seed)	Pigweed
Crabgrass (Large, Smooth)	Puslane, Common
Crowfootgrass	Pusley, Florida
Cupgrass, Woolly	Rescuegrass ³
Foxtails, Annual	Shepard's Purse ²
Goosegrass ¹	Signalgrass, Broadleaf
Henbit	Speedwell, Persian
Itchgrass	Sprangletop
Johnsongrass (from seed)	Spurge, Prostrate
Junglerice	Witchgrass
Knotweed	Woodsorrel, Yellow (from seed)

¹In many areas a single application of 3.9 to 9.1 lbs./1,000 sq. ft. (171 to 395 lbs./A) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 3.9 to 6.0 lbs./1,000 sq. ft. (171 to 263 lbs./A), followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate ("Maximum Annual Application Rate" table in the Rates of Application section of this label).

²For this weed, apply in late summer, fall or winter prior to germination.

³Suppression only.

WHEN TO APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil (not thatch plus soil).

WHEN TO OVERSEED AFTER APPLICATION

PRE-AMINE 0.38% Plus will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best overseeding/reseeding results.

USE RATE			MONTHS BEFORE OVERSEEDING		
LBS./A	Lbs./1,000 sq. ft.	AI/A	North	Transition	South
131.5	3.0	0.50	4	4	4
171	3.9	0.65	5	4	4
197	4.5	0.75	6	5	5
213	4.9	0.81	-	6	6
258	5.9	1.00	-	7	7
302	6.9	1.15	-	-	9
342	7.8	1.30	-	-	10
395	9.1	1.50	-	-	12

*Note: In AZ, CA, NV and TX, the overseeding interval can be shorter in established bermudagrass that has been overseeded with perennial ryegrass. See the next section "Poa Annu Control in Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NV and TX only)".

POA ANNUA CONTROL IN ESTABLISHED BERMUDAGRASS OVERSEEDED WITH PERENNIAL RYEGRASS (AZ, CA, NV AND TX ONLY)

Use on golf courses (excluding golf course putting greens) and lawns when overseeding with perennial ryegrass (minimum seed rate of 350 lbs./A).

HOW MUCH AND WHEN TO APPLY

Apply 2.3 to 3.9 lbs./1,000 sq. ft. (99 to 171 lbs./A) 6 to 8 weeks before ryegrass overseeding. A second application should be made 4 to 8 weeks after overseeding date or when perennial ryegrass roots are in the second inch of soil. One application should provide a 70% or greater control of *Poa annua*. The second application should add to the residual under normal weather conditions.

Use Precautions:

1. Some seed mortality and temporary reduction in root growth of new seedlings may occur.
2. To reduce the potential for seeding mortality, maintain a moist seedbed with light, frequent irrigation.
3. Make no more than 2 applications per year for this use, and do not exceed 222 lbs./A (5.1 lbs./1,000 sq. ft.) for these two applications for *Poa annua* control in ryegrass overseeded turf.
4. Do not make a second application if any injury to the ryegrass is observed after the first application.
5. Do not make a second application unless the product was first applied before overseeding.

[Optional spreader settings chart]

RECOMMENDED SPREADER SETTINGS						
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.						
Light Rate (3.9 lbs./1,000 sq. ft.)			X lbs. treats X sq. ft. at the 171 lbs. product/A			
Low Rate (4.5 lbs./1,000 sq. ft.)			X lbs. treats X sq. ft. at the 197 lbs. product/A			
Medium Rate (6.0 lbs./1,000 sq. ft.)			X lbs. treats X sq. ft. at the 263 lbs. product/A			
High Rate (9.1 lbs./1,000 sq. ft.)			X lbs. treats X sq. ft. at the 395 lbs. product/A			
Spreader	Ground or PTO Speed	Width of Coverage	Spreader Settings			
			Light Rate	Low Rate	Medium Rate	High Rate
aa	X mph	XX ft.	X	X	X	X
bb	X mph	XX ft.	X	X	X	X
cc	X mph	XX ft.	X	X	X	X

LANDSCAPE ORNAMENTALS (including established perennials and wildflower plantings)
PRE-AMINE 0.38% Plus may be applied for residual pre-emergence weed control in ornamentals listed on this label.

RATES OF APPLICATION

Apply at the rate of 171 to 395 lbs./A (3.9 to 9.1 lbs./1,000 sq. ft.) in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 395 lbs./A (9.1 lbs./1,000 sq. ft.) per year.

APPLICATION TIMING AND INFORMATION

PRE-AMINE 0.38% Plus is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Best weed control is obtained when applied to soil free of clods, weeds and debris such as leaves. Prior to application, control existing vegetation by hand weeding, cultivation or the use of an appropriate post-emergence herbicide.

ESTABLISHED LANDSCAPE ORNAMENTALS

PRE-AMINE 0.38% Plus may be applied at any time to established ornamentals as a broadcast, over the top or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate the product in the soil.

NEWLY TRANSPLANTED LANDSCAPE ORNAMENTALS

PRE-AMINE 0.38% Plus may be applied to newly transplanted ornamentals as a broadcast, over the top or directed application. Delay application to allow soil to settle and water thoroughly before applying. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grfts have taken to avoid any inhibition of the tissue union.

TOLERANT ORNAMENTAL SPECIES

PRE-AMINE 0.38% Plus will not harm trees, shrubs, vines and flowers listed on this label. The species listed below are tolerant to this product. Best results will be obtained when product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species. When plants are under stress (such as heat, drought or frost damage) some cultivars of listed plants may be sensitive to this product.

SCIENTIFIC NAME

Abies spp.
 Abelia grandiflora
 Acer palmatum
 A. Platanoides
 Achillea spp.
 Actinidia chinensis
 Agapanthus africanus
 Agapanthus orientalis
 Akebia quintata
 Allium cernuum
 Anemone hybrida
 Aquilegia spp.
 Arctostaphylos densiflora
 Arctotheca calendula
 Artemisia spp.
 Aster spp.
 Aster X Frikartii
 Athrium Filiz-femina
 Aucuba japonica
 Begonia spp.
 Berberis gladwynensis
 B. Julianae
 B. mentorensis
 B. Thunbergii
 B. Verruculosa
 Bergenia cordifolia
 Boltonia asteroides
 Buddleia davidii
 Buxus microphylla
 Callistemon viminalis
 Calluna vulgaris
 Campanula carpatica
 Campis X Tagliabuana
 Carpobrotus edulis
 Cassia artemisoides
 Ceanothus rigidus
 Ceratostigma plumbagonoides
 Chamaecyparis pisifera
 Chrysanthemum nipponicum
 Cleyera japonica
 Citrus spp.
 Coreopsis spp.
 Cornus florida
 C. Stolonifera
 Cortaderia seloana
 Cotoneaster apiculatus
 C. buxifolius
 C. dammeri
 C. Microphyllus
 Cretaegus spp.
 Crocosmia spp.
 Cupressus sempervirens
 Delosperma alba
 Delosperma spp.
 Delphinium spp.

COMMON NAME

Fir species** (Balsam, Frasier, Noble, etc.)
 Abelia: Sherwood
 Japanese Maple
 Norway Maple
 Yarrow: King Edward
 Kiwi*
 Lily-of-the-Nile (African Lily)

 Five-leaf or Chocolate Vine
 Lady's Leek, Nodding Onion
 Japanese Anemone
 Aquilegia: Red and Gold
 Vine Hill Manzanita
 Cape Weed
 Wormwood; Silver Mound, Castle
 Aster: Bonnie Blue, Purple Dome

 Lady Fern; Fern Lady
 Japanese Aucuba
 Fibrous Begonia: Hardy Grandis
 Barberry
 Wintergreen Barberry
 Mentor Barberry
 Japanese Barberry
 Warty Barberry

 Snowbank
 Butterfly-Bush (Dwarf Blue); Royal Red
 Japanese Boxwood
 Weeping Bottlebrush
 Scotch Heather
 Tussock Bellflower, (White Clips)
 Trumpet Flower, Madame Galen
 Hottentot Fig (Ice Plant)
 Feathery Cassia
 Wild Lilac

 False Cypress

 Cleyera
 Citrus species*
 Coreopsis (Calliopsis) Early Sunrise, Moonbeam
 Flowering Dogwood
 American Dogwood
 Pampas Grass
 Cranberry Cotoneaster
 Cotoneaster
 Bearberry Cotoneaster
 Rockspray Cotoneaster
 Hawthorne
 Lucifer
 Italian Cypress
 White Trailing Ice Plant
 Cooperi Pink
 Larkspur: Blue Elf

- Dianthus deltooides
- D. gratianopolitanus
- Dodonea viscosa
- Echinacea purpurea
- Elaeagnus pungens
- Euonymus fortunei
- E. japonica
- E. kiautschovica
- Fatsia japonica
- Forsythia intermedia
- Forsythia suspensa
- F. viridissima
- Gaillardia spp.
- Gardenia jasminoides
- Gaura spp.
- Gentiana dahurica
- Geranium cinereum
- Gladiolus spp.
- Gypsophilia repens
- Hedera helix
- Hellanthemum spp.
- Hemerocallis spp.
- Hibiscus
- Hibiscus spp.
- Hibiscus rosa-sinensis
- Hosta plantaginea
- H. Sieboldiana
- Houttuynia cordata var. variegata
- Hydrangea macrophylla
- Ilex Bernyi
- Ilex cornuta
- I. crenata
- I. opaca
- I. vomitoria
- Inula ensifolia
- Iris ensata
- Iris siberica
- Iris spp.
- Jasminium nudiflorum
- Juniperus chinensis
- J. conferta
- J. davurica
- J. horizontalis
- Juglans spp.
- Justicia brandegeana
- Lagerstromia indica
- Lagerstromia indica X Fauriei
- Lantana montevidensis
- Lavender spp.
- Leontopodium alpinum
- Ligustrum amurense
- Ligustrum sinense
- L. japonicum
- L. lucidum
- Lilium spp.
- Liriope muscari
- Dianthus: Maiden Pinks “Zing”
- Cheddar Pink
- Hop Bush
- Coneflower, Purple; Magnus
- Silverberry
- Wintercreeper
- Evergreen Euonymus
- Spreading Euonymus
- Japanese Aralia
- Border Forsythia
- Weeping Forsythia
- Greenstem Forsythia
- Gaillardia, Blanket Flower: “Goblin”
- Gardenia, Cape-Jasmine
- Gentian
- Cranesbill
- Gladiolus species**
- Baby’s Breath
- English Ivy
- Sunrose
- Daylily: Aztec Gold, Stella de Oro, Tender Love
- Rose of Sharon**
- Mallow: Disco Belle White
- Chinese Hibiscus
- Hosta, Plantain Lily (Fragrant)
- Hosta, “Seersucker”
- Bigleaf Hydrangea
- Holly
- Chinese Holly
- Japanese Holly
- American Holly
- Yaupon Holly, Schillings
- Sword-Leaved Iris; Jodlesong
- Siberian Iris; Cabernet
- Iris species**
- Winter Jasmine
- Chinese Juniper; Nick’s Compact, Parsonnii
- Shore Juniper; Blue Pacific
- Parsoni
- Creeping Juniper
- Walnut*
- Shrimp Plant
- Crape Myrtle
- Crape Myrtle; Tuscarora
- Weeping Lantana
- Lavender; Munstead
- Edelweiss
- Amur Privet
- Chinese Privet; Variegata
- Japanese Privet
- Glossy Privet (Waxleaf)
- Lily; Jazz
- Big Blue Lily, Silver Mound, Evergreen Giant

Liriope muscari var. variegata	Liriope, Variegated
Liriope spicata	Liriope, Creeping
Lobelia Cardinalis	Cardinal Flower, Indian Pink
Lonicera japonica	Japanese Honeysuckle
L. tatarica	Tatarian Honeysuckle
Lorapetalum chinense	Burgundy
Lythrum spp.	Loosestrife; Modern Pink
Magnolia spp.	Magnolia species**
Maleophora luteola	Ice Plant
Malus spp.	Crabapple*
Miscanthus sinensis	Yaku Jima, Silberfeder
Nandina domestica	Heavenly Bamboo
Narcissus spp.	Narcissus species**
Nerium oleander	Oleander
Olea europaea	Olive*
Ophiopogon japonicus	Mondo Grass
Osmanthus heterophyllus	Osmanthus (False Holly); Gulf Tide
Osteospermum fruticosum	Trailing African Daisy
Oxydendrum arboretum	Sourwood
Paeonia suffruticosa	Tree Peony
Pennisetum setaceum	Fountain Grass (Dwarf)
Perovskia atriplicifolia	
Persea americana	Avocado*
Photinia Fraseri	Frasier's Photinia (Redtip)
Physotegia Virginiana	Dragonhead, False; Vivid
Picea spp.	Spruce species** (Colorado Blue, Norway, etc.)
Pieris japonica	Lily-of-the-Valley Bush
Pinus brutia	Calabrian Pine
P. canariensis	Canary Island Pine
P. Elliottii	Slash Pine
P. halepensis	Aleppo Pine
P. nigra	Austrian Pine
P. palustris	Longleaf Pine
P. radiata	Monterey Pine
P. strobus	Eastern White Pine
P. sylvestris	Scotch Pine
P, taeda	Loblolly Pine
P. Thunbergiana	Japanese Black Pine
P. Virginiana	Virginia Pine
Pistachio spp.	Pistachio*
Pittosporum rhombifolium	Queensland Pittosporum
P. tobira	Japanese Pittosporum
Podocarpus macrophyllus	Japanese Yew
Prunus laurocerasus	English Laurel
Prunus spp.	Almond, Apricot, Nectarine, Peach, Plum and Prune*
Pseudotsuga menziesii	Douglas Fir**
Pyracantha coccinea	Firethorn (Scarlet)
P. fortuneana	Firethorn
P. koidzumii	Firethorn
Pyrus spp.	Bradford Pear spp.
Quercus Shumardii	Oak, Shumard's Red
Quercus spp.	Oak species
Raphiolepis indica	Indian Hawthorne
Raphiolepis umbellata	Yedda Hawthorne
Rhododendron	'Coral Bells,' 'Formosa,' 'Hino-crimson,' 'PJM'

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(including Azalea)

Rosa banksiae
 Rosmarinus officinalis
 Rudbeckia spp.
 Santolina virens
 Saxifraga spp.
 Scabiosa spp.
 Sedum album
 Sedum cauticola
 Sedum dasyphyllum
 Sedum spurium
 Spiraea bumalda
 Syzygium paniculatum
 Taxus cuspidata
 T. media
 Teucrium spp.
 Thalictrum dipterocarpum
 Thuja occidentalis
 Trachelospermum asiaticum
 Tsuga canadensis
 Tulipa spp.
 Veronica spp.
 Viburnum japonicum
 V. odoratissimum
 V. plicatum
 V. rigidum
 V. suspensum
 V. tinus
 V. trilobium
 V. wrightii
 Vinca major
 Vinca Minor
 Vitis spp.
 Weigela florida
 Yucca aloifolia
 Y. filametosia

'Delaware Valley White', 'Roseum Elegans,'
 'Flame Creeper', 'Girard Crimson', 'Wakeiebisu'
 'White Gumbo', 'George L. Tabor'
 Lady Bank's Rose
 Rosemary*
 Black-Eyed Susan; Goldsturm
 Santolina
 Saxifrage; Purple Dome
 Pincushion Flower
 Stonecrop
 Stonecrop; Lidakense
 Stonecrop
 Stonecrop; Dragon's Blood
 Spirea; Anthony Waterer
 Australian Brushcherry
 Japanese Yew
 Yew
 Germander
 Meadow Rue
 American Arborvitae
 Star Jasmine
 Canada Hemlock
 Tulip species
 Veronica, Speedwell; Sunny Border
 Japanese Viburnum
 Sweet Viburnum
 Japanese Snowball
 Canary Island Viburnum
 Arrowwood Viburnum
 Laurustinus
 Cranberry Bush
 Leatherleaf Viburnum
 Greater Periwinkle, Vinca
 Common Periwinkle, Vinca
 Grape*
 Old Fashioned Weigela
 Spanish Bayonet, Yucca
 Adam's Needle, Yucca

*Do not use on food producing trees, vines or plants.

**Not for use on container grown plants.

[Shaker Bottle Use Instructions]

For landscape ornamentals, ground covers, ornamental grasses, shrubs, trees and turf grasses as listed on this label.

WHEN TO APPLY PRE-AMINE 0.38% PLUS

Apply PRE-AMINE 0.38% PLUS during the growing season around established plants, transplants and lawns. **Do not apply PRE-AMINE 0.38% PLUS over newly planted flower seeds or over newly overseeded lawns.** It can be used after flowering plants have germinated and are 2-3 inches tall, and on established lawns 60 days after overseeding. PRE-AMINE 0.38% PLUS may also be incorporated into the soil or applied after mulching beds. Since it does not kill existing weeds, first remove any that have already begun to grow. Best results are obtained when applied to soil free of weeds, clods and debris such as leaves. Applying PRE-AMINE 0.38% PLUS as early as possible eliminates the need for hand weeding. Rain does not wash this product out of the soil. **To keep ornamental beds, ground covers, trees, shrubs and lawns weed-free all season long, reapply PRE-AMINE 0.38% PLUS every 60 to 90 days; however,**

do not exceed the maximum use rates listed in the “Maximum Annual Application Rate” table of this label.

HOW TO APPLY PRE-AMINE 0.38% PLUS

To avoid plant injury, do not apply PRE-AMINE 0.38% PLUS when foliage is wet. When plants are dry, sprinkle PRE-AMINE 0.38% PLUS on soil surface at rate given for your specific planting situation. Sprinkle over the top of established ground covers and lawns. Watering immediately after application will wash the granules off the foliage and activate the product in the soil. Always wash or brush off any granules from plant foliage to avoid damage or discoloration. Once activated by watering, PRE-AMINE 0.38% PLUS forms a weed control barrier in the top layer of soil, preventing weed seeds from germinating in ornamental gardens, ground covers, ornamental grasses, shrubs, trees and turf grasses listed on this label. Disturbance to the soil surface after activation may result in erratic weed control.

HOW MUCH PRE-AMINE 0,38% PLUS TO APPLY

Apply PRE-AMINE 0.38% PLUS evenly at the rate of 1 teaspoon per square foot to the soil surface, ground cover, mulch or lawn as illustrated by the picture below.



Immediately water to incorporate PRE-AMINE 0.38% PLUS into the soil. In areas where water is not readily available, lightly rake the surface of the soil to incorporate into the root zone. Wash granules off of sidewalks, driveways, patios and other hard surfaces to avoid discoloration.

APPLYING PRE-AMINE 0.38% PLUS WITH MULCH

For best weed control, apply PRE-AMINE 0.38% PLUS after spreading mulch on flower and shrub beds. Sprinkle PRE-AMINE 0.38% PLUS on top of mulch at surface rate noted above (see picture above), being sure to keep granules away from plant foliage. Immediately water PRE-AMINE 0.38% PLUS into mulch. If water is not readily available, lightly rake the product into top layer of mulch. Always wash or brush off stray granules from plant foliage to avoid damage or discoloration.

APPLYING PRE-AMINE 0.38% PLUS WITH LANDSCAPE FABRIC

PRE-AMINE 0.38% PLUS may be applied to the soil prior to the installation of landscape fabric, or over the top of landscape fabric that has previously been installed.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in a locked storage area out of reach of children and domestic animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill, or by incineration.

Pesticide Disposal and Container Handling [Household/Residential]

Nonrefillable container. Do not reuse or refill container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONDITIONS OF SALE AND WARRANTY

The DIRECTIONS FOR USE of this product 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, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of PROACTIVE, LLC or the Seller. To the extent consistent with applicable law, Buyer and User agree to hold PROACTIVE, LLC harmless for any claims relating to such factors.

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