



18-0-4

Turf King Fertilizer with 0.37% Prodiamine

For pre-emergence control of grass and broadleaf weeds in lawns and ornamental turf
(excluding golf course putting greens)

Landscape ornamentals, established perennials and wildflower plantings

Stops many weed grasses before they grow - Prevents crabgrass, annual bluegrass, foxtail

ACTIVE INGREDIENT:

Prodiamine: (CAS # 29091-21-2) 0.37%

OTHER INGREDIENTS: 99.63%

TOTAL: 100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for further precautions and First Aid Information below

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. 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. You may also contact the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency treatment information.

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.

Distributed and Guaranteed by Andre & Son
17150 State Route 706 • Montrose, PA 18801 • 570-278-1131

GUARANTEED ANALYSIS

Total Nitrogen (N) 18.00%
13.50% Urea Nitrogen
4.50% CSRUN

Potash (K₂O) 4.00%

Nutrients derived from:
Sulfur Coated Urea, Urea, Muriate of Potash.

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed on this label, and referring to the batch number found on this container.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

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, 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.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

This product 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 weed seeds, germination and root development. When used according to directions, it will control; barnyardgrass; bluegrass; annual (*Poa annua*); carpetweed; chickweed, common; chickweed, mouseear (from seed); crabgrass (large, smooth); crowfootgrass; cupgrass, woolly; foxtails, annual; goosegrass¹; henbit; itchgrass; johnsongrass (from seed); junglerice; knotweed; kochia; lambsquarters, common; lovegrass; panicum (Texas, fall, browntop); pigweed; purslane, common; pusley, Florida; rescuegrass¹, shepherd's purse², signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

¹ In many areas a single application of 4.1 to 9.3 pounds/1,000 square feet (175 to 405 pounds/acre) 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 4.1 to 6.2 pounds/1,000 square feet (175 to 270 pounds/acre), followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate (see "Minimum and Maximum Application Rate by Turfgrass Species" table in the Rates of Application section of this label).

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

³ Suppression only.

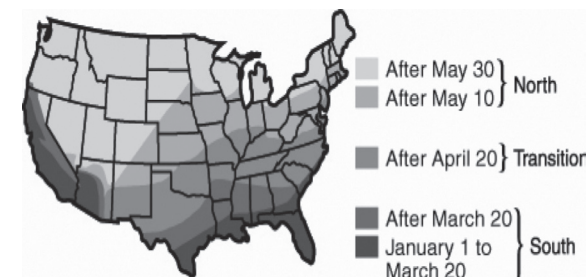
NET WT 50 lb (22.7 kg)

EPA Reg. No. 53883-172-47956 • EPA Est. No. 47956-PA-001

WHEN TO APPLY TO ESTABLISHED TURF:

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

THIS MAP SHOWS APPROXIMATE CRABGRASS GERMINATION DATES



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 of application.

USE PRECAUTIONS:

The following precautions apply to the use of this product in turf grasses and lawns. Application of this product may thin emerging annual bluegrass and newly overseeded grasses. 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).

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:

This product 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 exceed the maximum yearly rate listed:

MINIMUM AND MAXIMUM APPLICATION RATES (by Turf Grass Species)

Turf Species	Minimum Rate	Maximum Annual Rate ¹
Bahiagrass, Bermudagrass ²	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	9.3 lbs/1,000 sq. ft. per year (405 lbs/acre per year)
Centipedegrass, Zoysiagrass, Seashore Paspalum, St. Augustinegrass Tall Fescue (including turf-Type)	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	6.2 lbs/1,000 sq. ft. per year (270 lbs/acre per year)
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	4.6 lbs/1,000 sq. ft. per year (202 lbs/acre per year)
Creeping Red Fescue	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	4.0 lbs/1,000 sq. ft. per year (175 lbs/acre per year)
Creeping Bentgrass	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	4.0 lbs/1,000 sq. ft. per year (175 lbs/acre per year)

¹ These are the maximum rates per calendar year.

² May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 3.3 pounds/1,000 square feet (145 pounds/acre). 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.

This product 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 recommended 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.

DIRECTION FOR USE (continued)

WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best overseeding/reseeding results. (See map)

USE RATE	MONTHS BEFORE OVERSEEDING		
	North	Transition	South
3 pounds/1,000 sq. ft. (135 pounds/acre)	4	4	4
4 pounds/1,000 sq. ft. (175 pounds/acre)	5	4	4
4.6 pounds/1,000 sq. ft. (202 pounds/acre)	6	5	5
4.9 pounds/1,000 sq. ft. (215 pounds/acre)		6	6
6.2 pounds/1,000 sq. ft. (270 pounds/acre)		7	7
7 pounds/1,000 sq. ft. (308 pounds/acre)			9
8 pounds/1,000 sq. ft. (350 pounds/acre)			10
9.3 pounds/1,000 sq. ft. (405 pounds/acre)			12

LANDSCAPE ORNAMENTALS (including established perennials and wildflower plantings):

This product may be applied for residual pre-emergence weed control in ornamentals. Apply at the rate of 2.7 to 9.3 pounds/1,000 square feet (118 to 405 pounds/acre) 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 9.3 pounds/1,000 square feet (405 pounds/acre) per year.

APPLICATION TIMING AND INFORMATION

This product may be applied to newly transplanted and established ornamentals as a broadcast, over the top or directed application. Around new transplants, 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. This product 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.

STORAGE AND DISPOSAL

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

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, 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.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Empty container through use according to label instructions. Do not rinse unless required for recycling. Offer for recycling, if available. If recycling is not available; then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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 Andre & Son or the Seller. All such risks shall be assumed by the Buyer.

Andre & Son warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above.

Andre & Son NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING, OR CAUTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Andre & Son AND THE SELLER OFFER THIS PRODUCT, AND THE BUYER AND USER ACCEPT IT, SUBJECT TO THE FOREGOING CONDITIONS OF SALE AND WARRANTY.

TOLERANT ORNAMENTAL SPECIES:

This product will not harm most trees, shrubs, vines and flowers. 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	COMMON NAME	SCIENTIFIC NAME	COMMON NAME	SCIENTIFIC NAME	COMMON NAME
Abies spp.	Fir species** (Balsam, Frasier, Noble, etc.)	Hedera helix	English Ivy	P. taeda	Loblolly Pine
Abelia grandiflora	Abelia: Sherwood	Helianthemum spp.	Sunrose	P. thunbergiana	Japanese Black Pine
Acer palmatum	Japanese Maple	Hemerocallis spp.	Daylily: Aztec Gold, Stella de Oro, Tender Love	P. virginiana	Virginia Pine
A. Platanooides	Norway Maple	Hibiscus	Rose of Sharon**	P. pistachio spp.	Pistachio*
Achillea spp.	Yarrow: King Edward	Hibiscus spp.	Mallow: Disco Belle White	Pittosporum rhombifolium	Queensland Pittosporum
Actinidia chinensis	Kiwi*	Hibiscus rosa-sinensis	Chinese Hibiscus	P. tobira	Japanese Pittosporum
Agapanthus africanus	Lily-of-the-Nile (African Lily)	Hosta plantaginea	Hosta, Plantain Lily (Fragrant)	Podocarpus macrophyllum	Japanese Yew
Agapanthus orientalis		H. Sieboldiana	Hosta, "Seersucker"	Prunus laurocerasus	English Laurel
Akebia quintata	Five-leaf or Chocolate Vine	Houttuynia cordata var. variegata		Prunus spp.	Almond, Apricot, Nectarine, Peach, Plum*
Allium cernuum	Lady's Leek, Nodding Onion	Hydrangea macrophylla	Bigleaf Hydrangea	Pseudotsuga menziesii	Douglas Fir**
Anemone hybrida	Japanese Anemone	Ilex Berry	Holly	Pyracantha coccinea	Firethorn (Scarlet)
Aquilegia spp.	Aquilegia: Red and Gold	Ilex cornuta	Chinese Holly	P. fortuneana	Firethorn
Arctostaphylos densiflora	Vine Hill Manzanita	I. crenata	Japanese Holly	P. koidzumii	Firethorn
Arctotheca calendula	Cape Weed	I. opaca	American Holly	Pyrus spp.	Bradford Pear spp.
Artemisia spp.	Wormwood; Silver Mound, Castle	I. vomitoria	Yaupon Holly, Schillings	Quercus shumardii	Oak, Shumard's Red
Aster spp.	Aster: Bonnie Blue, Purple Dome	Inula ensifolia		Quercus spp.	Oak species
Aster X Frikartii		Iris ensata	Sword-Leaved Iris; Jodlesong	Raphiolepis indica	Indian Hawthorne
Athrium Filiz-femina	Lady Fern; Fern Lady	Iris siberica	Siberian Iris; Cabernet	Raphiolepis umbellata	Yedda Hawthorne
Aucuba japonica	Japanese Aucuba	Iris spp.	Iris species**	Rhododendron	'Coral Bells,' 'Formosa,' 'Hino-crimson,' 'PJM'
Begonia spp.	Fibrous Begonia: Hardy Grandis	Jasminium nudiflorum	Winter Jasmine	(including Azalea)	'Delaware Valley White,' 'Roseum Elegans,' 'Flame Creeper,' 'Girard Crimson,' 'Wakeiebisu'
Berberis gladiwynensis	Barberry	Juniperus chinensis	Chinese Juniper; Nick's Compact, Parsonii	Rosa banksiae	Creeping Juniper
B. Julianae	Wintergreen Barberry	J. conferta	Shore Juniper; Blue Pacific	Rosmarinus officinalis	Rosemary*
B. mentorensis	Mentor Barberry	J. davurica	Parsoni	Rudbeckia spp.	Black-Eyed Susan; Goldsturm
B. thunbergii	Japanese Barberry	J. horizontalis	Creeping Juniper	Santolina virens	Santolina
B. verruculosa	Warty Barberry	Juglans spp.	Walnut*	Saxifraga spp.	Saxifrage; Purple Dome
Bergenia cordifolia		Justicia brandegeana	Shrimp Plant	Scaevola spp.	Pincushion Flower
Boltonia asteroides	Snowbank	Lagerstromia indica	Crape Myrtle	Sedum album	Stoncrop
Buddleia davidii	Butterfly-Bush (Dwarf Blue); Royal Red	Lagerstromia indica X Fauriei	Crape Myrtle; Tuscarora	Sedum cauticola	Stoncrop; Lidakense
Buxus microphylla	Japanese Boxwood	Lantana montevidensis	Weeping Lantana	Sedum dasyphyllum	Stoncrop
Callistemon viminalis	Weeping Bottlebrush	Lavender spp.	Lavender; Munstead	Sedum spuriolum	Stoncrop; Dragon's Blood
Calluna vulgaris	Scotch Heather	Leonopodium alpinum	Edelweiss	Spiraea bumalda	Spirea; Anthony Waterer
Campanula carpatica	Tussock Bellflower, (White Clips)	Ligustrum amurense	Amur Privet	Sedum paniculatum	Australian Brushcherry
Campis X Tagliabuana	Trumpet Flower, Madame Galen	Ligustrum sinense	Chinese Privet; Variegata	Taxus cuspidata	Japanese Yew
Carpobrotus edulis	Hottentot Fig (Ice Plant)	L. japonicum	Japanese Privet	T. media	Yew
Cassia artemisioides	Feathery Cassia	L. lucidum	Glossy Privet (Waxleaf)	Teucrium spp.	Germander
Ceanothus rigidus	Wild Lilac	Lilium spp.	Lily; Jazz	Thalictrum dipterocarpum	Meadow Rue
Ceratostigma plumbagonoides		Liriope muscari	Big Blue Lily, Silver Mound, Evergreen Giant	Thalix occidentalis	American Arborvitae
Chamaecyparis pisifera	False Cypress	Liriope muscari var. variegata	Liriope, Variegated	Trachelospermum asiaticum	Star Jasmine
Cleyera japonica	Cleyera	Loropetalum chinense	Loropetalum	Tsuga canadensis	Canada Hemlock
Citrus spp.	Citrus species*	Lobelia cardinalis	Cardinal Flower, Indian Pink	Tulipa spp.	Tulip species
Coreopsis spp.	Coreopsis (Calliopsis) Early Sunrise, Moonbeam	Lonicera japonica	Japanese Honeysuckle	Veronica spp.	Veronica, Speedwell; Sunny Border
Cornus florida	Flowering Dogwood	L. tatarica	Tatarian Honeysuckle	Viburnum japonicum	Japanese Viburnum
C. Stolonifera	American Dogwood	L. xanthocarpa		V. odoratissimum	Sweet Viburnum
Cortaderia selloana	Pampas Grass	Lythrum spp.	Loosestrife; Modern Pink	V. plicatum	Japanese Snowball
Cotoneaster apiculatus	Cranberry Cotoneaster	Magnolia spp.	Magnolia species**	V. rigidum	Canary Island Viburnum
C. buxifolius	Cotoneaster	Maleophora luteola	Ice Plant	V. suspensum	Arrowwood Viburnum
C. dammeri	Bearberry Cotoneaster	Malus spp.	Crabapple*	V. tinus	Laurustinus
C. Microphyllus	Rockspray Cotoneaster	Miscanthus sinensis	Yaku Jima, Silberfeder	V. trilobium	Cranberry Bush
Cretaegus spp.	Hawthorne	Nandina domestica	Heavenly Bamboo	V. wrightii	Leatherleaf Viburnum
Crocasmia spp.	Lucifer	Narcissus spp.	Narcissus species**	Vinca major	Greater Periwinkle, Vinca
Cupressus sempervirens	Italian Cypress	Nerium oleander	Oleander	Vinca Minor	Common Periwinkle, Vinca
Delosperma alba	White Trailing Ice Plant	Olea europaea	Olive*	Vitis spp.	Grape*
Delosperma spp.	Cooperi Pink	Ophiopogon japonicus	Mondo Grass	Weigela florida	Old Fashioned Weigela
Delphinium spp.	Larkspur: Blue Elf	Omanthus heterophyllus	Osmanthus (False Holly); Gulf Tide	Yucca aloifolia	Spanish Bayonet, Yucca
Dianthus deltooides	Dianthus: Maiden Pinks "Zing"	Osteospermum fruticosum	Trailing African Daisy	Y. filametosa	Adam's Needle, Yucca
D. gratianopolitanus	Cheddar Pink	Oxydendrum arboreum	Sourwood		
Dodonea viscosa	Hop Bush	Paeonia suffruticosa	Tree Peony		
Echinacea purpurea	Coneflower, Purple; Magnus	Pennisetum setaceum	Fountain Grass (Dwarf)		
Elaeagnus pungens	Silverberry	Perovskia atriplicifolia			
Euonymus fortunei	Wintercreeper	Persea americana	Avocado*		
E. japonica	Evergreen Euonymus	Photinia Fraseri	Frasier's Photinia (Redtip)		
E. kiautschovica	Spreading Euonymus	Physotegia virginiana	Dragonhead, False; Vivid		
Fatsia japonica	Japanese Aralia	Picea spp.	Spruce species** (Colorado Blue, Norway, etc.)		
Forsythia intermedia	Border Forsythia	Pieris japonica	Lily-of-the-Valley Bush		
Forsythia suspensa	Weeping Forsythia	Pinus brutia	Calabrian Pine		
F. viridissima	Greenstem Forsythia	P. canariensis	Canary Island Pine		
Gaillardia spp.	Gaillardia, Blanket Flower: "Goblin"	P. Elliottii	Slash Pine		
Gardenia jasminoides	Gardenia, Cape-Jasmine	P. halepensis	Aleppo Pine		
Gaura spp.		P. nigra	Austrian Pine		
Gentiana dahurica	Gentian	P. palustris	Longleaf Pine		
Geranium cinereum	Cranesbill	P. radiata	Monterey Pine		
Gladiolus spp.	Gladiolus species**	P. strobus	Eastern White Pine		
Gypsophila repens	Baby's Breath	P. sylvestris	Scotch Pine		

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

**Not for use on container grown plants.