

TCS

GrowStar™

TURF FERTILIZER + 0.37%
Prodiamine

SPREADER SETTINGS: Spreader settings vary by make and model of spreader. It is recommended that individual spreaders are calibrated for the specific product that is to be applied. A walking speed of 3 miles per hour is recommended.

Spreader Model	SPREADER SETTINGS			
	Application Rates*	a.i. lbs./Acre	(Product lbs./1000 sq ft)	
	0.5 (3.1)	0.75 (4.7)	1.0 (6.2)	1.5 (9.3)
LESCO 021820	D ½	E ½	G ½	I ½
Lely HR	5.25	6	7	8.5
Vicon 203	15	17	21	27

*Application Rates for example only – do not exceed the maximum annual application rate of 1.5 lb a. i./Acre (9.3 lb product/1000 sq. ft.)

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed, or seed by storage or disposal
STORAGE: Store this product in its original container in a dry, cool, secured area.
PESTICIDE DISPOSAL: As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions. Wastes resulting from the use of this product must be disposed of on-site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Non-refillable 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 or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

LANDSCAPE ORNAMENTALS

Including Established Perennials and Wildflower Plantings
This product may be applied for residual pre-emergence weed control in ornamentals.
Use rates and When to Apply
Apply in fall and/or spring, 0.65 to 1.5 lbs. active ingredient per acre, which is equal to 4.0 to 9.3 lbs. of this product per 1,000 sq. ft. of ornamental plantings; therefore 20 lbs of this product will treat 2,150 to 5,000 sq. ft. Use the higher rates of application for longer control periods. Sequential applications may be made as long as the total amount of product applied does not exceed the maximum annual application rate of 1.5 lbs. a.i. per acre.
Established Landscape Ornamentals
This product may be applied 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 it into the soil.
Newly Transplanted Landscape Ornamentals
This product may be applied to newly transplanted ornamentals as a broadcast, over the top, or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union.
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 it 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 (Tested varieties)	Scientific name	Common name (Tested varieties)	Scientific name	Common name (Tested varieties)	Scientific name	Common name (Tested Varieties)
<i>Abies</i> spp.	Fir	<i>Cotoneaster microphyllus</i>	Rockspray cotoneaster	<i>Juglans</i> spp.*	Walnut*	<i>Pistacia</i> spp.*	Pistachio*
<i>Abelia grandiflora</i>	Abelia; Sherwood	<i>Crataegus</i> spp.	Hawthorne	<i>Justicia brandegeana</i>	Shrimp plant	<i>Pittosporum rhombifolium</i>	Queensland pittosporum
<i>Acer palmatum</i>	Japanese maple	<i>Crocasmia</i> spp.	Lucifer	<i>Lagerstroemia indica</i>	Grape myrtle	<i>Pittosporum tobira</i>	Japanese pittosporum
<i>Acer platanoides</i>	Norway maple	<i>Cupressus sempervirens</i>	Italian cypress	<i>Lantana montevidensis</i>	Weeping lantana	<i>Podocarpus macrophyllus</i>	Japanese yew
<i>Achillea</i> sp.	Yarrow (King Edward)	<i>Delosperma alba</i>	White trailing ice plant	<i>Lavender</i> spp.	Lavender (Munstead)	<i>Prunus laurocerasus</i>	English laurel
<i>Actinidia chinensis</i> *	Kiwi*	<i>Delphinium</i> spp.	Larkspur (Blue elf)	<i>Leontopodium alpinum</i>	Edelweiss	<i>Prunus</i> spp.*	Almond, Apricot, Nectarine, Peach, Plum, and Prune*
<i>Agapanthus africanus</i>	Lily-of-the-Nile; African Lily	<i>Dianthus deltoides</i>	Maiden pinks (Zing)	<i>Ligustrum amurense</i>	Amur privet	<i>Pseudotsuga menziesii</i> **	Douglas-fir**
<i>Akebia quintata</i>	Five-leaf or Chocolate vine	<i>Dianthus gratianopolitanus</i>	Cheddar pinks	<i>Ligustrum japonicum</i>	Japanese privet	<i>Pyracantha coccinea</i>	Firethorn, scarlet
<i>Allium cernuum</i>	Lady's leek or Nodding onion	<i>Dodonea viscosa</i>	Hop bush	<i>Ligustrum lucidum</i>	Glossy privet (Wax-Leaf)	<i>Pyracantha fortuneana</i>	Firethorn
<i>Anemone hybrida</i>	Japanese anemone	<i>Echinacea purpurea</i>	Coneflower, purple (Magnus)	<i>Ligustrum sinense</i>	Chinese privet (Variegata)	<i>Pyracantha koidzumii</i>	Firethorn
<i>Aquilegia</i> spp.	Columbine (Red and gold)	<i>Elaeagnus pungens</i>	Silverberry	<i>Lilium</i> spp.	Lily (Jazz)	<i>Pyrus</i> spp.	Bradford pear
<i>Arctostaphylos densiflora</i>	Vine Hill manzanita	<i>Euonymus fortunei</i>	Wintercreeper	<i>Liriope muscari</i>	Liriope (Big blue, Lilyturf, Silver mound, Evergreen giant)	<i>Quercus rubra</i>	Red oak
<i>Arctotheca calendula</i>	Cape weed	<i>Euonymus japonica</i>	Japanese spindle tree; Evergreen euonymus	<i>Liriope muscari</i> var. <i>variegata</i>	Liriope, variegated	<i>Quercus shumardii</i>	Shumard oak
<i>Artemisia</i> spp.	Wormwood (Silver mound; Castle)	<i>Euonymus kiautschovica</i>	Spreading euonymus	<i>Liriope spicata</i>	Liriope, creeping	<i>Raphiolepis indica</i>	Indian Hawthorne
<i>Aster</i> sp. or <i>Symphiotrichum</i> sp.	Aster (Bonny blue, Purple dome)	<i>Fatsia japonica</i>	Japanese aralia	<i>Lobelia cardinalis</i>	Cardinal flower	<i>Rhododendron</i> (including Azalea)	Rhododendron & Azalea (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hino-crimson, Wakaebisu, Gumpo)
<i>Aster X frikartii</i>		<i>Forsythia intermedia</i>	Border forsythia	<i>Lonicera japonica</i>	Japanese honeysuckle	<i>Rosa banksiae</i>	Lady Bank's Rose
<i>Athyrium filix-femina</i>	Lady fern	<i>Forsythia suspense</i>	Weeping forsythia	<i>Lonicera tatarica</i>	Tatarian honeysuckle	<i>Rosmarinus officinalis</i> *	Rosemary*
<i>Aucuba japonica</i>	Japanese Aucuba	<i>Forsythia viridissima</i>	Greenstem forsythia	<i>Loropetalum chinense</i>	Burgundy	<i>Rudbeckia</i> spp.	Black-eyed Susan
<i>Begonia</i> spp.	Fibrous begonia (Hardy Grandis)	<i>Gaillardia</i> spp.	Blanket flower (Goblin)	<i>Lythrum</i> spp.	Loosestrife (Modern Pink)	<i>Rumohra adiantiformis</i>	Leatherleaf Fern
<i>Berberis gladwynesis</i>	Barberry	<i>Gardenia jasminoides</i>	Gardenia, Cape-jasmine	<i>Magnolia</i> spp.**	Magnolia**	<i>Santolina virens</i>	Goldstrum Santolina
<i>Berberis julianae</i>	Wintergreen barberry	<i>Gentiana dahurica</i>	Gentian	<i>Maleophora luteola</i>	Ice plant	<i>Saxifraga</i> spp.	Saxifrage, Purple dome
<i>Berberis mentorensis</i>	Mentor barberry	<i>Geranium cinereum</i>	Cranesbill	<i>Malus</i> spp.*	Crabapple*	<i>Sedum album</i>	Stoncrop
<i>Berberis thunbergii</i>	Japanese barberry	<i>Gladiolus</i> spp.**	Gladioli	<i>Miscanthus sinensis</i>	Yaku jima, Silberfeder	<i>Sedum caiculola</i>	Stoncrop, likadense
<i>Berberis verticillata</i>	Warty barberry	<i>Gypsophila repens</i>	Baby's breath	<i>Nandina domestica</i>	Heavenly bamboo	<i>Sedum dasyphyllum</i>	Stoncrop
<i>Bergenia cordifolia</i>		<i>Hedera helix</i>	English Ivy	<i>Narcissus</i> spp.**	Narcissus**	<i>Szyzygium paniculatum</i>	Japanese boxcherry
<i>Boltonia asteroides</i>	Snowbank	<i>Helianthemum</i> spp.	Sunrose	<i>Nerium oleander</i>	Oleander	<i>Taxus cuspidata</i>	Japanese yew
<i>Bougainvillea</i> spp.	Bougainvillea	<i>Hemerocallis</i> spp.	Daylily (Aztec gold, Stella d'Oro, Tender love)	<i>Olea europaea</i> *	Olive*	<i>Taxus media</i>	Yew
<i>Buddleia davidii</i>	Butterfly-bush (Dwarf Blue, Royal Red)	<i>Hibiscus</i> spp. **	Rose of Sharon**	<i>Ophiopogon japonicus</i> **	Mondo Grass**	<i>Teucrium</i> spp.	Germander
<i>Buxus microphylla</i>	Japanese boxwood	<i>Hibiscus</i> spp.	Mallow (Disco belle white)	<i>Osmanthus heterophyllus</i>	Osmanthus; False holly (Gulf tide)	<i>Thalictrum dipterocarpum</i>	Meadow rue
<i>Callistemon viminalis</i>	Weeping bottlebrush	<i>Hibiscus Rosa-sinensis</i> **	Chinese hibiscus**	<i>Osteospermum fruticosum</i>	Trailing African Daisy	<i>Thuja occidentalis</i>	American arborvitae
<i>Calluna vulgaris</i>	Scotch heather	<i>Hosta plantaginea</i>	Hosta. Plantain lily	<i>Oxydendron luteum</i>	Sourwood	<i>Trachelospermum asiaticum</i>	Star Jasmine
<i>Campanula carpatica</i>	Tussock bellflower (White Clips)	<i>H. sieboldiana</i>	Hosta (Searsucker)	<i>Persea americana</i>	Avocado*	<i>Tsuga canadensis</i>	Canada hemlock
<i>Campsis X tagliabuana</i>	Trumpet creeper; Trumpet flower (Madame Gaten)	<i>Houttuynia cordata</i> var. <i>variegata</i>		<i>Photinia fraseri</i>	Frasier's photinia; Redtip	<i>Tulipa</i> spp.	Tulip
<i>Carpobrotus edulis</i>	Hottentot fig; Ice plant	<i>Hydrangea macrophylla</i>	Bigleaf hydrangea	<i>Physostegia virginiana</i>	False dragonhead (Vivid)	<i>Viburnum japonicum</i>	Japanese viburnum
<i>Cassia artemisoides</i>	Feathery Cassia	<i>Ilex comuta</i> **	Chinese holly**	<i>Picea</i> spp.**	Spruce species** (Colorado blue, Norway, etc.)	<i>Viburnum odoratissimum</i>	Sweet viburnum
<i>Ceanothus rigidus</i>	Wild Lilac	<i>Ilex crenata</i>	Japanese holly	<i>Pieris japonica</i>	Lily-of-the-valley shrub	<i>Viburnum plicatum</i>	Japanese snowball
<i>Ceratostigma plumbaginoides</i>		<i>Ilex opaca</i>	American holly	<i>Pinus brutia</i>	Calabrian pine	<i>Viburnum rigidum</i>	Canary Island Viburnum
<i>Chamaecyparis pisifera</i>	False Cypress	<i>Ilex pernyi</i>	Holly	<i>Pinus canariensis</i>	Canary island pine	<i>Viburnum tinus</i>	Laurustinus
<i>Chrysanthemum nipponicum</i>		<i>Ilex vomitoria</i>	Yaupon holly	<i>Pinus elliptii</i>	Slash pine	<i>Viburnum trilobium</i>	Cranberry Bush
<i>Cleyera japonica</i>	Cleyera	<i>Inula ensifolia</i>		<i>Pinus halepensis</i>	Aleppo pine	<i>Viburnum wrightii</i>	Leatherleaf Viburnum
<i>Citrus</i> spp. *	Citrus species*	<i>Iris ensata</i>	Sword-leaved iris (Jodlesong)	<i>Pinus nigra</i>	Austrian black pine	<i>Vinca major</i>	Greater periwinkle, Vinca
<i>Coreopsis</i> spp.	Coreopsis; Calliopsis (Early sunrise, Moonbeam)	<i>Iris siberica</i>	Siberian iris (Cabernet)	<i>Pinus palustris</i>	Longleaf pine	<i>Vinca minor</i>	Common periwinkle
<i>Cornus florida</i>	Flowering dogwood	<i>Iris</i> spp.	Iris **	<i>Pinus radiata</i>	Monterey pine	<i>Vitis</i> spp.*	Grape*
<i>Cornus stolonifera</i>	American dogwood	<i>Jasminum nudiflorum</i>	Winter jasmine	<i>Pinus strobus</i>	Eastern white pine	<i>Weigela florida</i>	Old fashioned Weigela
<i>Cortaderia selloana</i>	Pampas grass	<i>Juniperus chinensis</i>	Chinese juniper (Nick's compact)	<i>Pinus sylvestris</i>	Scotch pine	<i>Yucca aloifolia</i>	Spanish bayonet
<i>Cotoneaster apiculatus</i>	Cranberry cotoneaster	<i>Juniperus conferta</i>	Shore juniper (Blue Pacific)	<i>Pinus taeda</i>	Loblolly pine	<i>Yucca filamentosa</i>	Yucca, Adam's needle
<i>Cotoneaster buxifolius</i>	Cotoneaster	<i>Juniperus davurica</i>	Juniper	<i>Pinus thunbergiana</i>	Japanese black pine	* Do not use on food producing trees, vines, or plants.	
<i>Cotoneaster dammeri</i>	Bearberry cotoneaster	<i>Juniperus horizontalis</i>	Creeping juniper	<i>Pinus virginiana</i>	Virginia pine	** Not for use on container grown plants	

WARRANTY AND LIMITATION OF DAMAGES

Conditions of sale: To the extent consistent with applicable law, Turf Care Supply LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to Turf Care Supply LLC. Turf Care Supply LLC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. To the extent consistent with applicable law, Turf Care Supply LLC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND TURF CARE SUPPLY LLC'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. TURF CARE SUPPLY LLC DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

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TurfCare™

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