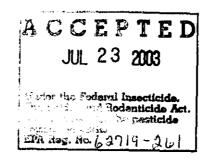
S3A / XL 2GR / Amend / 03-06-03

Product Label

(logo) Dow AgroSciences

XL* 2GR

Contains Surflan*



XL 2GR is an easy-to-use herbicide. XL 2GR stops unsightly weeds and weed grasses BEFORE they start to grow in your established ornamental shrubs, flower beds and warm-season lawn grasses around your home. Used according to label directions, XL 2GR provides effective weed control all season long - and gives your landscape that neat and clean look.

XL 2GR controls weeds in the following areas:

- Landscape ornamental trees and shrubs
- Ornamental ground covers
- Established flower beds
- Ornamental bulbs
- Established warm season turfgrasses including:
 - bermudagrass
- buffalograss
- centipedegrass
- St. Augustinegrass
 zoysiagrass
- bahlagrass

tall fescue

Active Ingredients:

benefin: N-butyl-N-ethyl-α,α,α-trifluoro-	
2,6-dinitro-p-toluidine	1.0%
oryzalin: 3,5-dinitro- N^4 , N^4 -	
dipropyisulfanilamide	1.0%
inert Ingredients	98.0%
Total	

Contains __lb of active ingredient per __lb bag

Keep Out of Reach of Children

CAUTION **PRECAUCION**

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

See back panel for additional precautionary statements.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on this label. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-803-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs, or clothing.

EPA Reg. No. 62719-261

EPA Est. No. _____

*Trademark of Dow AgroSciences LLC Dow AgroSciences LLC Indianapolis, Indiana U.S.A.

Read all directions carefully before using this product.

Herbicide

Net Weight __lb

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with labeling. Read all directions carefully before using this product.

GENERAL PRECAUTIONS AND RESTRICTIONS

Not for use on plants 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 interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- Keep all persons, children, and pets out of treated area until dusts have settled.
- Do not graze or feed forage from treated areas to livestock.

WHAT IS XL 2GR?

XL* 2GR is a pre-emergence herbicide applied to the soil surface to prevent the growth of undesirable weeds and grasses. Simple for homeowner use, XL 2GR forms a protective "barrier" in the soil surface which prevent weeds from emerging.

WHAT WEEDS DOES XL 2GR CONTROL?

Used properly, XL 2GR controls the following broadleaf weeds and weed grasses:

Broa	adleaf	We	eds
_			

bittercress carpetweed coast fiddleneck common chickweed common groundsel

common purslane desert rockpurstane

Florida pusley

henbit

lambsquarters London rocket pigweeds

prostrate knotweed prostrate spurge puncturevine redstem filaree shepherdspurse whitestem filaree

yellow woodsorrel (oxalis)

Weed Grasses

annual bluegrass barnyardgrass brachiaria

browntop panicum crabgrasses crowfootgrass fall panicum foxtails field sandbur goosegrass

Italian ryegrass

johnsongrass (seedling only)

junglerice little barley little lovegrass Mexican lovegrass orcutt lovegrass red sprangletop signalgrass

southwestern cupgrass

Texas panicum wild oats witchgrass



. . . .

XL 2GR provides partial control of the following weeds, depending on soil and weather conditions:

Broadleaf Weeds Weed Grasses morningglory annual sowthistle black mustard prickly lettuce black nightshade smartweed climbing milkweed spotted spurge common mailow teaweed (prickly sida) common ragweed velvetleaf horseweed volunteer wheat ladvsthumb wild mustard

WHERE CAN I USE XL 2GR?

Apply XL 2GR over the top of **ESTABLISHED** shrubs, flowers, ground covers, bulbs, and warm season grasses. **ESTABLISHED** plants are those that have been transplanted into their final growing location and have the soil firmly settled around the roots from packing and rainfall or irrigation. To determine if it is permitted to apply XL 2GR over the top of any specific plant, refer to the **List of Tolerant Plants** located near the end of this label. In areas treated with XL 2GR, plant only ornamental species listed on the label for a period of one-year following application or injury may occur.

Note: If you will be transplanting plants into previously treated areas, untreated soil should be used to backfill such plants, or injury may occur.

Do not apply XL 2GR in ornamental plantings where the herbicide may runoff onto lawn areas containing dichondra or cool season turfgrasses. XL 2GR can cause severe injury or death in these plants.

Always read and follow the label directions when applying XL 2GR.

WHEN TO APPLY XL 2GR

XL 2GR stops weeds during germination. IT W!LL NOT KILL ESTABLISHED WEEDS. Proper timing of application is important for best results. To be effective, XL 2GR must be applied before the weeds emerge.

in ornamental flower and shrub beds

For best results, apply XL 2GR as soon as possible after tilling, killing or pulling existing weeds from bed area. Since many weeds germinate in the spring, an application in early spring prior to the germination of annual broadleaf weeds and weed grasses is ideal (consult your extension agent or master gardener for the proper time to treat in your area). In warm climates with long growing seasons, a second application may be required 6 to 8 months after the first application to extend effective control.

Over the top of ornamental bulbs

Apply XL 2GR to the soil surface in the fall 2 to 4 weeks after planting of bulbs, but before annual weeds begin to sprout. Apply XL 2GR again in late winter or early spring. Before applying, remove any existing weeds from bed area. In the spring, do not apply to tulip plants that have grown to a height greater than 3/4". If you will be transplanting plants listed on this label into previously treated beds, use untreated soil to backfill such plants, or injury may occur. Otherwise, wait one year and cultivate deeply prior to planting other plants following use of XL 2GR.

In warm-season turfgrasses such as: tall fescue, bermudagrass, Sí. Augustinegrass, centipedegrass, zoysiagrass, buffalograss or bahiagrass

For maximum effectiveness, apply prior to the germination of broadleaf weeds and grass weeds (consult your extension agent for the proper time in your area). Apply in late winter to prevent emergence of spring germinating weeds, early spring to prevent summer annual weed grasses and broadleaf weeds, and late summer or early fall to prevent emergence of annual bluegrass and broadleaf winter annuals. If you miss

the initial application period, partial control can still be achieved by using XL 2GR later than the optimal time since weeds and weed grasses continue to sprout throughout the growing season. Be sure to kill or pull all existing weeds prior to applying XL 2GR because XL 2GR will not control established weeds. In warm climates with long growing seasons, a second application may be required 4 to 6 months after the first application to extend control.

Turfgrass Precautions:

- XL 2GR should not be applied in the spring to turgrass planted the previous fall.
- In bermudagrass areas that have been over-seeded with winter grasses, a spring application of XL 2GR may thin the overseeded grasses.
- XL 2GR should not be used on dichondra.
- XL 2GR should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass, centipedegrass, or zoysiagrass until these turfs are well established.
- Do not use on turf type tall fescue in spring and summer following fall seeding.
- Do not apply XL 2GR in late summer or early fall to areas where fall overseeding will occur.
- Wait at least six weeks after application of XL 2GR to reseed turfgrasses. When using XL 2GR at the highest rate, delay reseeding for 12 to 16 weeks following application.
- For satisfactory reseeding results, increase the amount of seed used and use equipment designed to place seed in contact with the soil.

HOW TO APPLY XL 2GR

Read and follow all instructions for the application equipment. Always calibrate equipment according to the manufacturer's directions before applying.

On ornamental tree and shrub and flower beds

Before applying XL 2GR, make sure shrub beds are free of established weeds. Remove weed residues, prunings, and trash. Remove or break up large soil clods. Apply XL 2GR evenly over the shrub or bedding area using equipment designed to apply granular herbicides or insecticides (such as a rotary spreader). Read and follow all instructions for the application equipment. Always calibrate equipment according to the manufacturer's directions before applying. During application, check frequently to be sure equipment is working properly and distributing granules uniformly. For a more uniform application, spread one-half the desired amount over the area in one direction, then apply the remaining half at right angles to the first. For optimum weed control performance, thoroughly water in XL 2GR within a few hours after application.

On tall fescue, bermudagrass, St. Augustinegrass, centipedegrass, zoysiagrass, buffalograss and bahiagrass lawns

Apply XL 2GR to established turf before germination of target weeds since XL 2GR will not control established weeds. Apply XL 2GR evenly over the turfgrass area using a rotary spreader or other equipment used to apply granular herbicides or insecticides. Calibrate equipment according to the manufacturer's directions before applying. During application, check frequently to be sure equipment is working properly and distributing granules uniformly. For a more uniform application, spread one-half the desired amount over the area in one direction, then apply the remaining half at right angles to the first. For optimum weed control performance, thoroughly water in XL 2GR within a few hours after application.

HOW MUCH XL 2GR SHOULD BE APPLIED?

Use the charts below to determine how much XL 2GR to apply. Over-application may result in plant injury or excessive soil residue.

Ornamental shrubs and beds:

Desired Length of Control	Rate of XL 2GR (lb/1000 sq ft)	Minimum Time Between Applications (months)	Total Amount Allowed per Year (lb/1000 sq ft)
3 - 4 months	4 1/2	2	18
6 - 8 months	7	4	27

Ornamental bulb beds:

Time of Application	Soil Texture	Rate of XL 2GR (lb/1000 sq ft)	Minimum Time Between Applications (months)	Total Amount Allowed per Year (lb/1000 sq ft)
Fall	Coarse	1 3/4	3	3.4
Fall	Medium and Fine	3 1/2	3	5.2
Feb March	All Soil Textures	1 3/4	3	5.2

Turfgrass:

Type of weed Time of Application Amount of XL 2GR[†]

spring germinating late winter 2 1/2 to 3 1/2 lb / 1000 sq ft

summer annual grass-weeds early spring 3 1/2 lb / 1000 sq ft and broadleaf weeds

annual biuegrass (*Poa annua*) late summer/early fall 3 1/2 lb / 1000 sq ft

and broadleaf winter annuals

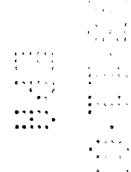
[†]XL 2GR may thin established annual bluegrass (*Poa annua*) turfs and fine-leafed fescues at rates above 2 1/2 lb/1000 sq ft

Rate of XL 2GR (lb/1000 sq ft)	Minimum Time Between Applications (months)	Total Amount Allowed per Year (lb/1000 sq ft)
2 1/2 - 3 1/2	3	10

Helpful Application Techniques for XL 2GR

On Ornamental Shrub Beds:

- Handheld rotary applicators are ideal for broadcast applying XL 2GR. The rate of application depends on the gauge setting, walking speed of the operator and the speed of turning the crank. Walk and turn the crank at a constant rate of speed.
- 2. For hard to reach, small areas, a small container with holes punched in the bottom makes an excellent shaker type applicator.
- 3. On large areas, the push-type propelled rotary applicator does a fine job.



4. Optimum weed control performance will be obtained if XL 2GR is watered in to the soil within a few hours after application.

On Turfgrass:

1. Small area application is easy using a small rotary applicator. To insure proper coverage and avoid missed areas, early morning treatment when wheel tracks are evident in the dew and the wind is calm is ideal.

Spreader Settings:

[Editor's note: Subregistrant may include spreader settings for recommended equipment.]

List of Tolerant Plants

Do not apply to Begonia, Coleus, Siender Deutzia, Douglas Fir, Techny Arborvitae and Eastern Hemlock as injury may occur.

The following ESTABLISHED plants are tolerant to applications of XL 2GR.

Established Flowers

Aster, Stokes

Baby's Breath Bird Of Paradise

Blazing Star

Bleeding Heart

Caladium, Fancy Leafed

Chrysanthemum

Coneflower, Purple

Coreopsis

Daisy, Gloriosa (Black-Eyed Susan)

Daisy, Painted

Daisy, Shasta

Geranium

Geum

Gladiolus

Impatiens (Busy Lizzie)

Iris, Bearded

Marigold

Marigold, Cape

Moss, Rose

Pansv

Petunia

Ranunculus, Persian

Rose

Sage

Snapdragon

Sweet William

Yarrow

Zinnia, Common

Established Ornamental Shrubs

Abelia, Glossy

Acacia, Prostrate

Agave

Andromeda

Arborvitae, American

Arborvitae, Aureus Nana-Dwarf Golden

Arborvitae, Emerald

Arborvitae, Globosa-Globe

Arborvitae, Little Giant-Dwarf

Arborvitae, Minima Glauca-Dwarf

Arborvitae, Nigra-Dark American

Arborvitae, Oriental

Arborvitae, Pyramidalis

Arborvitae, Rheingold

Arborvitae, Woodwardii

Azalea

Bamboo, Compacta-Dwarf Heavenly

Bamboo, Harbour Dwarf-Heavenly

Bamboo, Heavenly

Bamboo, Nana Compacta-Heavenly

Bamboo, Nana Purpurea-Heavenly

Bamboo, Woods Dwarf-Heavenly

Barberry, Atropurea-Redleaf Japanese

Barberry, Aurea-Golden Japanese

Barberry, Crimson Pygmy

Bottlebrush, Lemon

Bougainvillea, Barbara Karst

Bougainvillea, California Gold

Bougainvillea, Scarlet O'hara

Bougainvillea, Texas Dawn

Boxwood, Common

Boxwood, Japonica-Japanese

Boxwood, Littleleaf

Bridal Wreath

Broom, Hollandia-Warminster

Broom, Lena-Scotch

Cactus, Easter Cherry, Brush Cinquefoil

Cinquetoli
Cleyera, Japanese
Cotoneaster, Bearberry
Cotoneaster, Brightbead
Cotoneaster, Cranberry
Cotoneaster, Himalayan
Cotoneaster, Parney
Cotoneaster, Praecox-Early
Cotoneaster, Pyrenees
Cotoneaster, Rock
Cotoneaster, Rock

Covotebush

Cranberry Bush, Compactum-Dwarf

Crape Myrtle

Cryptomeria, Japanese Cypress, Filifera-Thread

Cypress, Kosteri

Cypress, Squarrosa Minima-Dwarf Moss

Deutzia, Nakiana-Dwarf

Dogwood, Flaviramea-Yellowtwig

Dogwood, Flowering Dogwood, Kousa

Dogwood, Sibirica-Siberian

Dwarf Burning Bush

Escallonia

Euonymus, Canadale Gold Euonymus, Emerald'n Gold Euonymus, Evergreen Euonymus, Silver King Euonymus, Spreading Euonymus, Stringybark Euonymus, Sunspot Euonymus, Winged

Fatshedera

Firethorn, Formosa Firethorn, Scarlet Flame Azalea Forsythia Gardenia Grape, Oregon Hawthorn, India Hibiscus, Chinese Hibiscus, Ross Estey

Holly, Balkans Holly, Blue Boy Holly, Blue Girl Holly, Chinese

Holly, Compacta-Dwarf Japanese

Holly, Convexa Holly, Dwarf Chinese Holly, Ebony Magic Holly, English Holly, Gold Coast

Holly, Helleri-Heller's Japanese

Holly, Japanese

Holly, Nana-Dwarf Yaupon

Holly, Nordica-Inkberry

Holly, Pendula-Weeping Yaupon

Holly, San Jose Holly, Yaupon

Honeysuckle, Mexican Honeysuckle, Trumpet Honeysuckle, Winter Hopseed Bush

Jasmine, Chinese Star

Juniper

Leucothoe, Coast Leucothoe, Drooping

Lilac Lilac, Wild Lily-Of-The-Valley

Lily-Of-The-Valley, Temple Bells

Lily-Of-The-Valley, Valley Rose

Manzanita, Stanford

Mockorange

Myoporum, Prostrate

Myrtle, True Oleander

Oleander, Hardy Red Oleander, Ruby Lace Osmanthus, Holly-Leaf

Palm, Areca

Palm, Chinese Fountain

Palm, Christmas
Palm, Pigmy Date
Photinia, Fraser's
Pittosporum
Plant, Century
Plumbago, Blue Cape

Privet, Amur Privet, California Privet, Glossy Privet, Howardi Privet, Japanese

Privet, Vicary Golden Privet, Wax Leaf

Protea

Pyracantha, Lolendei Monrovia

Pyracantha, Monon

Pyracantha, Rutgers Hybrid Pyracantha, Santa Cruz Pyracantha, Victory Pyrcantha, Red Elf Hybrid

Rhaphiolepis, Enchantress-Moness

Rhaphiolepis, Roundleaf

Rhaphiolepis, Springtime-Monme Rose Of Sharon, Red Bird Rose Of Sharon, Red Heart

Rose Of Sharon, Woodbridge

Rose, Ramanas Rosemary Shrimp Plant Snowdrift

Sotol, Desert Spoon

Spiraea, False Spruce, Repens-Spreading Norway Spruce, Repens-Weeping Norway Spurge, Japanese St. Johnswort Sumac, African Viburnum Viburnum, Compactum-Spring Bouquet Viburnum, David Viburnum, Doublefile Viburnum, Eastern Snowball Viburnum, Laurustinus, Viburnum, Sandankwa Viburnum, Tea Weigela, Bristol Ruby Weigela, Java Red Weigela, Minuet Wintercreeper Woadwaxen Woodbine, Flowering Woodbine, Serotina Xylosma Yew Yew, Japanese Yewpine Yucca, Pendulous Yucca, Soaptree, **Established Ground Covers** Bellflower Blue fescue Cape weed Carpet bugle Daisy, Trailing African Gazania Grass, Mondo Grass, Pampas Honeysuckle, Japanese Ice plant Ice plant, largeleaf Iceplant, Red Trailing Iceplant, Trailing rosea Iceplant, White Ivy, Algerian Ivy, English Jasmine, Chinese Star Periwinkle, Bigleaf Lily Turf, Big blue Lily Turf, Lilac Beauty Lily Turf, Majestic Lily Turf, Monroe white Lily Turf, Silvery Sunproof

Lily Turf, Variegated liriope

Lily Turf, White

Lily, plantain

Lily-of-the-Nile

Periwinkle, Bigleaf

Periwinkle, Dwarf

Lily, Day

Stonecrop Trumpet Vine, Violet **Established Trees** Ash Birch, Paper Birch, River Birch, White Blue Palo Verde California Pepper Tree Carob Carrotwood. Cherry, Mahaleb Cherry, Yoshino Flowering Cottonwood Crabapple Cryptomeria, Japanese Cypress, Arizona Cypress, Filicoides-femspray Cypress, Gracilis-slender Hinoki Cypress, Italian Cypress, Lawson false Cypress, Sawara-false Cypress, Squarrosa-moss Dogwood, flowering Elm, Chinese Eucalyptus, Mealy Eucalyptus, Narrow-leaved Eucalyptus, Red gum Eucalyptus, Red ironbark Eucalyptus, Silver Dollar **Ficus** Fir. Alpine Fir. Balsam Fir, Fraser Fir, Grand Fir, Veitch Fir. White Goldenrain tree Gum. American sweet Laurel, California Laurelcherry, Carolina Laurelcherry, English Linden, Littleleaf Locust, Honey Magnolia, Southern Mahogany Maidenhair tree Maple, Albus Flowering Maple, Luteus flowering Maple, Roseus flowering Maple, Tangerine floweringMaple, Vesuvius red flowering Maple Mountain Laurel Mulberry, White Oak

St. Johnswort

Olive, Black Olive, Russian

Olive

Palm, Queen

Paim, Cat

Palm

Palm, Parlor

Palm, Mexican fan

Pine

Podocarpus

Redbud

Redcedar, Eastern

Redcedar, Western

Redwood, Coast

Sequoia, Giant

Spruce, Norway Spruce, Englemann

Spruce, Conica-dwarf Alberta Spruce, White

Spruce, Black

Spruce, Glauca-Colorado blue

Spruce, Hoopsii-Hoop's blue

Spruce, Koster-Koster Blue

Sycamore, American

Sycamore, California

Tovon

Willow, Babylon weeping

Willow, Corkscrew

Yellow tab

Established Ornamental Bulbs

bulbous iris narcissus gladiolus daffodils tulips

Established Warm-Season Turfgrasses

tall fescue centipedegrass bahiagrass bermudagrass buffalograss St Augustinegrass zoysiagrass

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes Moderate Eye Irritation Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

Storage and Disposal

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

Pesticide Storage: Store in original container out of the reach of children and pets. In case of leak or spill, contain material and dispose of waste.

Pesticide Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-992-5994 for disposal instructions. Never place unused product down any indoor or outdoor drain. **[Editor's Note:** Supplemental distributor will insert own toll free number.]

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

Seller 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 strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil ; conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, humcanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. All such risks shall be assumed by Buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount of product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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