This is a specimen label, intended for use only as a guide in providing general information regarding use of this product. As labels are subject to revision, always carefully read and follow the label on the product container.



# **ACTIVE INGREDIENT:**

Sethoxydim: 2-[1-(ethoxyimino)butyl]-5-[2-(ethythio)propyl]	
-3-hydroxy-2-cyclohexen-1-one*	13.0%
OTHER INGREDIENTS:	<u>.</u> 87.0%
TOTAL:	100.0%

<sup>\*</sup>Equivalent to 1.0 pound of sethoxydim per gallon.

# KEEP OUT OF REACH OF CHILDREN CAUTION

EPA Reg. No. 79676-4

EPA Est. No. indicated by the 8th digit of the batch number on this package. (A) = 4-NY-001; (C) = 5905-GA-001; (D) = 5905-IA-001

Product of Japan. Formulated in the United States with U.S. and imported ingredients.

Manufactured for:
Etigra
501 Cascade Pointe Lane
Suite 103
Cary, NC 27513
www.etigra.com
REV 0107



	FIRST AID
If swallowed:	Call a poison control center or doctor 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 doctor. Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
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:	Move person to fresh air.     If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by 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 1-800-424-9300 for emergency medical treatment information.

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

Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for Category E on an EPA chemical resistance category selection chart.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, or viton ≥14 mils
- · Shoes plus socks

Wash thoroughly with soap and water after handling. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

# **User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
   Remove clothing immediately, if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

For terrestrial uses, 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 contaminate water when disposing of equipment washwaters.

## **ENDANGERED SPECIES CONCERNS**

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of Federal law

# **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

All applicable directions, restrictions, precautions and Conditions of Sale and Limitation of Warranty and Liability are to be followed. This labeling must be in the user's possession during application.

# AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves such as barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or viton ≥ 14 mils
- · Shoes plus socks

# NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people or pets to come into contact with treated areas until sprays have dried.

# **GENERAL INFORMATION**

Sethoxydim E-Pro Herbicide is a selective, broad spectrum, postemergence herbicide for control of annual and perennial grass weeds in alfalfa, birdsfoot trefoil, citrus, clover, corn (Poast® protected), cotton, peanuts, sainfoin, soybean, turf, ornamentals, nonfood and noncrop sites listed on this label. Sethoxydim E-Pro does not control sedges or broadleaf weeds. Essentially, all grass crops, such as sorghum, corn, small grains, and rice, as well as ornamental grasses, such as turf, are susceptible to Sethoxydim E-Pro. A program for total vegetation suppression may necessitate the use of a broadleaf herbicide. Any combination treatment using Sethoxydim E-Pro either tank mixed or sequential should be tested to determine if seedhead growth suppression is maintained without increased injury or discoloration to tall fescue or other desired plant species. A reduction in grass competition may make certain broadleaf weeds appear more prominent or may allow new weeds to germinate.

# Mode of Action

Sethoxydim E-Pro rapidly enters the targeted grass weed through its foliage and translocates throughout the plant. The effects range from slowing or stopping growth (generally within 2 days), to foliage reddening and leaf tip burn. Subsequently, foliage burnback occurs. These symptoms will generally be observed within 3 weeks depending on environmental conditions

#### Cron Tolerance

All labeled crops are tolerant to Sethoxydim E-Pro at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days. New growth is normal and crop vigor is not reduced.

Notice to user: Due to variability within species, and in application techniques and equipment, and the number of tank mix combinations, neither the manufacturer nor the seller has determined whether or not Sethoxydim E-Pro can safely be used on all varieties and species of nonbearing food crops, trees, shrubs, ornamentals, bedding plants, ground covers, nursery, wildflowers, Christmas trees, turf and other nonfood crops under all conditions. It is recommended that the professional user determine if Sethoxydim E-Pro can be used safely before broad use by applying the recommended use rate of Sethoxydim E-Pro under the conditions expected to be encountered on a small test area. Any adverse effects should

#### Resistance

Repeated use of Sethoxydim E-Pro (or similar postemergence grass herbicides with the same mode of action) may lead to the selection of naturally occurring biotypes with resistance to these products. If poor performance cannot be attrib-uted to adverse weather conditions or improper application methods, a resistant biotype may be present. Consult your local representative or agricultural advisor for assistance

#### Irrigation

In irrigated areas, it may be necessary to irrigate before treatment to ensure active weed growth.

Apply Sethoxydim E-Pro to the foliage of grasses on a spray-to-wet basis uniformly and completely. Dense leaf canopies shelter smaller grassy weeds and can prevent adequate spray coverage. Do not spray to the point of runoff.

#### Cultivation/Mowing

If cultivation is an option, do not cultivate during the time between 5 days before and 7 days after applying Sethoxydim E-Pro. Cultivating 7-14 days after treatment may help provide season-long control of perennial grasses. Centipedegrass and fine fescue areas should not be mowed within 7 days before or after applying Sethoxydim E-Pro. Increased control has been observed when mowing is delayed until 14 days after application. Grass weeds that have been mowed or have regrown from mowed stubble may be controlled poorly. Repeat application if new germination or regrowth occurs.

#### **Cleaning Spray Equipment**

Clean spray equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufac-turer's directions before and after applying this product.

#### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations

- 1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
- 2. Nozzles must always point backwards parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed. The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information section below

#### **Aerial Drift Reduction Advisory Information:**

#### Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (See Wind, Temperature and Humidity, and Temperature Inversions).

# **Controlling Droplet Size**

- Volume Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows
  produce larger droplets. Increase water volume to at least 10 gallons of water per acre if grass foliage or crop
- Pressure Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure. Use up to 40 psi.
- Number of nozzles Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Orientation Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- Nozzle Type Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift. Use only diaphragm-type nozzles that produce fan spray patterns.

# **Boom Length**

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

# **Application Height**

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind

# Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. DO NOT apply Sethoxydim E-Pro by aircraft when wind is blowing more than 10 mph.

Note: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

**Temperature and Humidity**When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small-suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas). DO NOT apply Sethoxydim E-Pro by air if sensitive species are within 200 feet downwind.

#### COMPATIBILITY TEST FOR TANK MIX COMPONENTS

Add components in the following sequence using 2 teaspoons for each pound or 1 teaspoon for each pint of recommended label rate per acre.

- Water For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates
  accordingly. Use only water from the intended source at the source temperature.
- Products in PVA bags Cut an opening in the water-soluble PVA bag just large enough to use a teaspoon for measuring purposes. Use the opened water-soluble PVA bag first when preparing spray solution. Cap the jar and invert 10 cycles
- Water-dispersible products (dry flowables, wettable powders, suspension concentrates, or suspo-emulsions).
   Cap the jar and invert 10 cycles.
- 4. Water-soluble products Cap the jar and invert 10 cycles.
- 5. Emulsifiable concentrates (Sethoxydim E-Pro) Cap the jar and invert 10 cycles.
- 6. Water-soluble additives Cap the jar and invert 10 cycles.
- 7. Let the solution stand for 15 minutes.
- Evaluate the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. Do not use any spray solution that could clog spray nozzles.

#### **Mixing Order**

- 1. Water. Begin by agitating a thoroughly clean spray tank half-full of clean water.
- Products in PVA bags. Rinse the tank thoroughly before adding any material in PVA bags as boron residue will prevent adequate mixing. Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
- 3. Water-dispersible products (such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions).
- 4. Water-soluble products
- 5. Emulsifiable concentrates (Sethoxydim E-Pro)
- 6. Water-soluble additives
- 7. Remaining quantity of water

Maintain constant agitation during application

#### APPLICATION AND USE DIRECTIONS FOR:

#### Alfalfa, Birdsfoot Trefoil, Citrus, Clover, Corn (Poast Protected™), Cotton, Peanuts, Sainfoin and Soybeans

#### APPLICATION INSTRUCTIONS

Applications can be made to actively growing weeds as aerial, broadcast, band, or spot spray applications at the rates and growth stages listed in Tables 1, 2 and 3, unless instructed differently in the Crop-Specific Information section of this label. The most effective weed control will result from making postemergence applications of Sethoxydim E-Pro early, when weeds are small. Delaying application permits weeds to exceed the maximum size stated and may prevent adequate control.

#### **Ground Application Methods and Equipment (Broadcast)**

Do not apply Sethoxydim E-Pro when conditions favor drift from target area or when wind speed is greater than 10 mph. **Water Volume:** Use 5-20 gallons of spray solution. In the West and in the high and Rolling Plains Region (see the REGIONAL DESCRIPTIONS section following Table 1 of this label), DO NOT use less than 10 gallons of spray solution

**Spray Pressure:** Use 40-60 psi (measured at the boom, not at the pump or in the line). When crop and weed foliage are dense, use a maximum of 20 gallons of water and 60 psi.

Application Equipment: Use standard high-pressure pesticide flat fan or hollow cone nozzles spaced up to 20\* apart. DO NOT use flood, whirl chamber, or controlled droplet applicator (CDA) nozzles as erratic coverage can cause inconsistent weed control. When tall weeds such as volunteer corn are to be controlled, the boom should be high enough to cover the entire plant. Refer to the nozzle manufacturer's directions for recommended height. When a crop such as cotton is 24\* or taller and the grasses are below the crop canopy, use drop nozzles to ensure good coverage of the grass species. DO NOT use selective application equipment such as recirculating sprayers or wiping applicators.

# Ground Application (Banding)

Sethoxydim E-Pro may be applied by banding to control annual grasses. Banding is not recommended for perennial grasses.

Follow **Ground Application (Broadcast)** instructions for band applications. When applying Sethoxydim E-Pro by banding, determine the amount of herbicide and water volume needed using the following formula:

Bandwidth in inches	Χ	Broadcast rate	=	Banding herbicide
Row width in inches		per acre		rate per acre
Bandwidth in inches	Χ	Broadcast volume	=	Banding water
Row width in inches		per acre		volume per acre

# **Spot or Small Area Application**

DO NOT make spot treatments in addition to broadcast or band treatments. When using knapsack sprayers or high-volume spray equipment with hand guns or other suitable nozzle arrangements, prepare a 1-1.5% solution of Sethoxydim E-Pro Herbicide in water unless otherwise specified under specific crops. Use a concentration of 0.5% for Dash® HC and Sundance® HC spray adjuvants, or 1% for oil concentrate. Prepare the desired volume of spray solution by mixing the amount of Sethoxydim E-Pro and the amount of Dash® HC, Sundance® HC or oil concentrate in water according to Tables 5 and 6.

#### Table 1. Standard Application Rates and Timing – Annual Grasses

All application rate and timing recommendations are based on growing region. Therefore, refer to the growing region descriptions below to ensure application accuracy. Follow the Application Rate and Timing tables for your region only. Refer to Table 7 for the maximum allowable use rates for specific crop and use sites.

	Midwest, Sout	h, and Northeast	West & High and Rolling Plains		
Annual Grasses	Maximum Height (inches)	Rate Per Acre (pints)	Maximum Height (inches)	Rate Per Acre (pints)	
Barnyardgrass	8"	1.5	8"	2.25	
Crabgrass, Large <sup>1</sup>	6"	1.5	4"	2.25	
Crabgrass, Smooth <sup>1</sup>	6"	1.5	4"	2.25	
Cupgrass, Southwestern	-	-	8"	2.25	
Cupgrass, Woolly	8"	1.5	-	-	
Fescue, Tall (seedling)	6"	2.25	-	-	
Foxtail, Giant	8"	1.5	8"	2.25	
Foxtail, Green	8"	1.5	8"	2.25	
Foxtail, Yellow	8"	1.5	8"	2.25	
Goosegrass	6"	1.5	4"	2.25	
Itchgrass	4"	3.0	-	_	
Johnsongrass (seedling)	8"	1.5	8"	2.25	
Junglerice	8"	1.5	8"	2.25	
Lovegrass	6"	2.25	-	-	
Millet, Wild Proso	10"	0.75	10"	1.5	
Oats, Tame	6"	2.25	-	-	
Oats, Wild <sup>1</sup>	4"	1.5	4"	2.25	
Orchardgrass (seedling)	6"	2.25	-	-	
Panicum, Browntop	8"	1.5	8"	2.25	
Panicum, Fall	8"	1.5	8"	2.25	
Panicum, Texas	8"	1.5	8"	2.25	
Red Rice <sup>1</sup>	4"	3.0	_	_	
Ryegrass, Annual	8"	1.5	8"	2.25	
Sandbur, Field	3"	1.875	_	-	
Shattercane/Wildcane <sup>1</sup>	18"	1.5	18"	2.25	
Signalgrass, Broadleaf	8"	1.5	8"	2.25	
Sprangletop, Red <sup>3</sup>	8"	1.5	8"	2.25	
Stinkgrass	6"	2.25	-	-	
Volunteer <sup>2,4</sup> , Barley <sup>1</sup>	4"	2.25	4"	3.0	
Volunteer <sup>2,4</sup> , Corn <sup>1</sup>	20"	1.5	12"	2.25	
Volunteer <sup>2,4</sup> , Oats <sup>1</sup>	4"	2.25	4"	3.0	
Volunteer <sup>2,4</sup> , Rye <sup>1</sup>	4"	2.25	4"	3.0	
Volunteer <sup>2,4</sup> , Wheat <sup>1</sup>	4"	2.25	4"	3.0	
Witchgrass <sup>1</sup>	8"	1.5	8"	2.25	

<sup>&</sup>lt;sup>1</sup> Add nitrogen to the crop oil concentrate to improve grass control on indicated species. UAN and AMS are not recommended in the Pacific Northwest and are not registered in California.

# REGIONAL DESCRIPTIONS

West & High and Rolling Plains: An area of the Western United States, including Western Texas, Oklahoma and Kansas; west of a line running north from Del Rio to Gainesville, Texas, and extending along Interstate 35 to the Oklahoma-Kansas border, then west along border to Highway 83 and then north to the Kansas-Nebraska border, west to Colorado, all of Colorado to the Continental Divide, then West of the Continental Divide north to the U.S.-Canada border.

Midwest, South, and Northeast: All other regions not listed above.

# Table 2. Standard Application Rates and Timing – Perennial Grasses 1

All application rate and timing recommendations are based on growing region. Therefore, refer to the REGIONAL DESCRIPTIONS section of this label to ensure application accuracy. Follow the Application Rate and Timing tables for your region only. Refer to Table 7 for the maximum allowable use rates for specific cross and use sites.

	Midwest, Sout	h, and Northeast	West & High an	d Rolling Plains
Perennial Grasses	Maximum Height (inches)	Rate Per Acre (pints)	Maximum Height (inches)	Rate Per Acre (pints)
Bermudagrass	6" stolon	2.25	6" stolon	3.0 <sup>2</sup> -3.75
Johnsongrass (Rhizome)	25"	2.25	10"	2.25 <sup>2</sup> -3.75
Johnsongrass (No-Till)	20"	2.25	-	-
Muhly, Wirestem	6"	1.875	-	-
Quackgrass <sup>1</sup>	8"	2.25	8"	3.75
Ryegrass, Perennial	8"	2.25	8"	2.25
Sequential Application	Maximum Height (inches)	Rate Per Acre (pints)	Maximum Height (inches)	Rate Per Acre (pints)
Bermudagrass	4" stolon	1.5	4" stolon	2.25 <sup>2</sup>
Johnsongrass (Rhizome)	12"	1.5	8"	1.5 <sup>2</sup> -2.25
Johnsongrass (No-Till)	12"	1.5	-	=
Muhly, Wirestem	6"	1.875	-	-
Quackgrass <sup>1</sup>	8"	1.5	8"	2.25
Ryegrass, Perennial	8"	2.25	8"	2.25

<sup>&</sup>lt;sup>1</sup> Add nitrogen to the crop oil concentrate to improve grass control on indicated species. Cultivate 7-14 days after an initial or sequential application to aid control.

<sup>&</sup>lt;sup>2</sup> Apply Sethoxydim E-Pro Herbicide before tillering.

<sup>&</sup>lt;sup>3</sup> Sethoxydim E-Pro is not recommended for use on Red Sprangletop in California, Arizona, or western New Mexico.

<sup>4</sup> In the West Region, volunteer cereals that emerge from late spring through early summer (May through July) may be partially or incompletely controlled because of unfavorable conditions at application time.

<sup>&</sup>lt;sup>2</sup> Use 2.5 pints per acre for the following forage crops; alfalfa, clover, birdsfoot trefoil, sainfoin.

Table 3. Special Application Rates and Timing for Midwest, South and Northeast

Annual Grasses	Special Early Maximum Height (inches)	Early Rate Per Acre (pints)	Rescue Maximum (inches)	Rescue Rate Per Acre (pints)
Barnyardgrass	4"	1.125 <sup>1</sup>	12"	2.25
Crabgrass, Large <sup>3</sup>	-	-	8"	2.25
Crabgrass, Smooth <sup>3</sup>	-	-	8"	2.25
Foxtail, Giant <sup>2</sup>	4"	1.125	16"	2.25
Foxtail, Green <sup>2</sup>	4"	1.125	16"	2.25
Foxtail, Yellow <sup>2</sup>	-	-	16"	2.25
Goosegrass	3"	1.125	8"	2.25
Johnsongrass (seedling)	-	-	16"	2.25
Millet, Wild Proso	10"	0.75	24"	1.5
Panicum, Fall	4"	1.125	12"	2.25
Panicum, Texas	4"	1.125	12"	2.25
Signalgrass, Broadleaf	4"	1.125	12"	2.25
Volunteer Corn <sup>3</sup>	12"	1.125	-	

<sup>&</sup>lt;sup>1</sup> In the following states use 1.0 pint: AL, AR, FL, GA, LA, MS, NC, SC, TN, TX, and VA.

#### RESCUE TREATMENT FOR CONTROLLING SELECTED ANNUAL GRASSES

If Sethoxydim E-Pro cannot be applied at the recommended time, larger annual grasses may be controlled with a later application by increasing the rate of Sethoxydim E-Pro (see Table 3). DO NOT exceed the maximum rate per acre, per season, for specific crops (see Table 7).

To achieve consistent weed control, always use one of the following additives when making applications to crops listed in the Crop-Specific Information section of this label: Dash® HC, Sundance® HC, methylated/modified seed oil, or crop oil concentrate. In addition, urea ammonium nitrate or ammonium sulfate is recommended for use on alfalfa, beans, cotton, flax, peanuts, peas, potatoes, soybeans, and Poast® Protected field corn to enhance activity on certain grass species Refer to Table 4. Additive Rates Per Acre for more information. However, when used in vegetable crops under the following conditions, Sethoxydim E-Pro plus adjuvants should be used with caution due to potential crop leaf injury when the temperature exceeds 90°F and the relative humidity is 60% or greater, or anytime the temperature exceeds 100°F, regardless of the humidity.

Because most nitrogen solutions are mildly corrosive to galvanized, mild steel, and brass spray equipment, rinse the entire spray system with water soon after use.

UAN and AMS are not recommended in the Pacific Northwest and are not registered in California.

Consult an Etigra representative or local agricultural authority for more information on the use of additives.

#### Dash® HC, Sundance® HC, Crop Oil Concentrate, or Methylated Seed Oils

A crop oil concentrate must contain either a petroleum or vegetable oil base and must meet all of the following criteria:

- 1. be nonphytotoxic
- 2. contain only FPA-exempt ingredients.
- 3. provide good mixing quality in the jar test, and
- 4. be successful in local experience.

The exact composition of suitable products will vary; however, vegetable and petroleum oil concentrates should contain emulsifiers to provide good mixing quality.

Highly refined vegetable oils have proven more satisfactory than unrefined vegetable oils. For more information, refer to the Compatibility Test for Mix Components section of this label. For most crops, Dash® HC or Sundance® HC spray adjuvant may be substituted for crop oil concentrate or methylated seed oil; however, for some crops and tank mixes, Dash® HC. Sundance® HC and MSO are not recommended (See the Crop-Specific Information section of this label for more infor-

Table 4. Additive Rates Per Acre

Additive	Ground Application	Aerial Application
AMS	2.5 pounds	2.5 pounds
Dash® HC, Sundance® HC	1.0 pint	1.0 pint
Crop Oil Concentrate	2.0 pints	2.0 pints
Methylated Seed Oils/MSO	1.5 pints	1.5 pints
UAN Solution	4.0-8.0 pints	4.0 pints

Table 5. Spot Treatment Dilution

	Amount of Product to be Added					
Spray Solution Volume	Sethoxydim E-Pro (1.5%)	or	Sethoxydim E-Pro (2.25%)	Oil Concentrate (1.0%)	or	Dash® HC, Sundance® HC (0.5%)
1 gallon 3 gallons 5 gallons 25 gallons 50 gallons 100 gallons	1.9 fl. oz. 5.8 fl. oz. 9.5 fl. oz. 3.0 pints 6.0 pints 12.0 pints		2.9 fl. oz. 8.75 fl. oz. 14.5 fl. oz. 4.5 pints 9.0 pints 18.0 pints	1.3 fl. oz. 3.8 fl. oz. 6.4 fl. oz. 2.0 pints 4.0 pints 8.0 pints		0.6 fl. oz. 1.9 fl. oz. 3.2 fl. oz. 1.0 pint 2.0 pints 4.0 pints
100 gallons 2 tablespoons = 1			18.0 pints	8.0 pints	L	

Table 6. Spot Treatment Application Rates

table o. oper freatment Approaction faces						
Grass	Concentration in Spray Solution <sup>1</sup>			1		
(see Tables 3-4 for the complete list of grasses controlled)	Sethoxydim Crop Oil Concentrate E-Pro Methylated Seed O		or	Dash® HC, Sundance® HC		
Annual grasses up to 6" in height	1.5%	1.0%		0.5%		
Annual grasses up to 12" in height	2.25%	1.0%		0.5%		
Perennial grasses <sup>2</sup>	2.25%	1.0%		1.0%		

<sup>&</sup>lt;sup>1</sup> Refer to Table 5 (Spot Treatment Dilution) for preparing the desired solution volume.

Table 7. Cron-Specific Restrictions and Limitations for Sethoxydim F-Pro Herbicide

CROP	Minimum Time from Application to Harvest (PHI)	Maximum Rate per Acre per Application	Maximum Rate per Acre per Season	Livestock Grazing or Feeding	Aircraft Application
Alfalfa, birdsfoot trefoil, and sainfoin <sup>1</sup>	14 days before cutting for (dry) hay	3.75 pints	9.75 pints	Yes	Yes
Alfalfa, birdsfoot trefoil, and sainfoin <sup>1</sup> (Undried)	7 days before grazing, feeding, or cutting for (undried) forage	3.75 pints	9.75 pints	Yes	Yes
Citrus <sup>1</sup>	15 days	3.75 pints	15.0 pints	No	No
Clover	7 days before grazing, feeding, or cutting for (undried) forage	3.75 pints	9.75 pints	Yes	Yes
Clover hay	20 days before grazing, feeding, or cutting for (dry) hay	3.75 pints	9.75 pints	Yes	Yes
Corn (Poast Plus™ Protected field corn only)	60 days (grain or fodder) 45 days (forage and silage)	2.25 pints	4.5 pints	Yes	Yes
Cotton <sup>1</sup>	40 days	3.75 pints	11.25 pints	No	Yes
Peanut <sup>1</sup>	40 days	2.25 pints	3.75 pints	No	Yes
Soybean <sup>1</sup>	75 days	3.75 pints	7.5 pints	Only seed and hay	Yes

<sup>&</sup>lt;sup>1</sup> Refer to the Crop-Specific Information section of this label for more details and use restrictions

Urea Ammonium Nitrate (UAN): Commonly referred to as 28%, 30%, or 32% nitrogen solution, UAN may be used in addition to Dash® HC, Sundance® HC, or crop oil concentrate to improve weed control. DO NOT use brass or aluminum nozzles when spraying UAN.

Ammonium Sulfate (AMS): AMS per acre may be substituted for UAN. When liquid AMS is used, 3.0 quarts of 8-8-0. analysis may be substituted for 2.5 pounds of dry AMS. Use high-quality AMS (spray grade) to avoid plugging of nozzles. Other sources of nitrogen are not as effective as those mentioned. If the AMS is added directly to the spray tank, add slowly while agitating. Adding the mix too quickly may clog outlet lines. Be sure the AMS is completely dissolved before adding any other products. Etigra does not recommend applying AMS if applied in less than 10 gallons per acre because of potential problems with precipitation in reduced volumes.

UAN and AMS are not registered in California.

#### GENERAL TANK MIXING INFORMATION

#### Tank Mix Partners/Components

The following products, listed with its common name, may be tank mixed with Sethoxydim E-Pro according to the specific tank mixing instructions in this label and respective product labels.

Pursuit® W/imazethapyr Atrazine Basagran®/bentazon Blazer®/acifluorfen Pursuit® WDG/imazethapyr Raptor®/imazamox Buctril®/bromoxynil Reflex®/fomesafen

Classic®/chlorimuron Reliance™ STS/chlorimuron + thifensulfuron Cobra®/lactofen Resource®/flumiclorac

Dual Magnum®/S-metolachlor Roundup Ultra®/glyphosate Dual II Magnum®/S-metolachlor FirstRate™/cloransulam-methyl Sencor® DF/metribuzin Staple®/pyrithiobac Stellar®/flumiclorac + lactofen Flexstar®/fomesafen Frontier®/dimethenamid Storm™/bentazon + acifluorfen Surpass™/acetochlor Galaxy®/bentazon + acifluorfen

Guardsman®/atrazine + dimethenamid Syncrony® STS™/chlorimuron + thifensulfuron

Harness®/acetochlor Touchdown®/sulfosate Laddok® S-12/hentazon + atrazine 2.4-D amine Liberty®/glufosinate 2,4-DB Pursuit®/imazethapyr 2,4-D (LVE) Pursuit® DG/imazethapvi

Refer to the Crop-Specific Information section of this label for more details. Read and follow the applicable Restrictions and Limitations and Directions for Use on all products involved in tank mixing. The most restrictive labeling applies to tank mixes

If all target weeds are not at the labeled growth stage for treatment at the same time, make separate applications.

Crop injury, reduced weed control, or physical incompatibility may result from mixing Sethoxydim E-Pro with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Etigra does not recommend using tank mixes other than those listed on Etigra labeling. Local agricultural authorities may be a source of information when using other than Etigra recommended tank mixes.

Always perform a compatibility jar test before mixing components. Refer to the Compatibility Test for Mix Components and Mixing Order directions under the General Information section of this label

## GENERAL RESTRICTIONS AND LIMITATIONS - CROP SITES

- Avoid all direct or indirect contact with any desired grass crop unless otherwise recommended on this label.
- Do not apply to crops that show injury (leaf phytotoxicity or plant stunting) produced by any other prior herbicide applications, because this injury may be enhanced or prolonged. Do not use UAN or AMS in California.
- Do not apply as a preplant or preemergence treatment before planting grass crops, such as corn, millet, or sorghum, unless otherwise specified on this label.
- Do not use selective application equipment such as recirculating sprayers, wiper applicators, or shielded applicators. Rainfast Period: Sethoxydim E-Pro is rainfast 1 hour after application.
   Stress: Do not apply to grasses or crops under stress due to hail damage, flooding, lack of moisture, herbicide injury,
- mechanical injury or widely fluctuating temperatures, as unsatisfactory control may result. In irrigated areas, it may be necessary to irrigate before application to ensure active weed growth.

<sup>&</sup>lt;sup>2</sup> For flax, use 0.5 pint per acre when foxtails are less than 1.5" high. When using the special early rate, the foxtail species should not have started to tiller.

<sup>&</sup>lt;sup>3</sup> Add nitrogen to the crop oil concentrate to improve grass control on indicated species.

<sup>&</sup>lt;sup>2</sup> Repeat application as needed

#### CROP-SPECIFIC INFORMATION

#### CROPS GROWN FOR SEED

Sethoxydim E-Pro is recommended for use on all crops on this label when they are grown for seed production. Use the Sethoxydim E-Pro rates given for each crop listed in other sections on this label. Slight modifications in application methods may be required for certain seed crops due to crop canopy or different cultural methods from the corresponding food crop.

#### FIELD CROPS

When applying to field crops, always add 1.0 pint of Dash® HC or Sundance® HC spray adjuvant, or 2 pints of oil concentrate per acre. Add 2.5 pounds of AMS or 4.0-8.0 pints of UAN to control crabgrass, volunteer corn and all volunteer cereals. UAN and AMS are not registered in California.

#### CORN

Only Poast Plus $^{\rm IM}$  Protected Field corn hybrids are tolerant to Sethoxydim E-Pro applications. Severe crop injury will occur to corn hybrids not designated as Poast Protected $^{\rm IM}$  corn.

Not for use in California

Over-the-top applications of Sethoxydim E-Pro in Poast Protected™ field corn may be made until the onset of pollen shed provided the appropriate preharvest intervals are met. **Do not** apply Sethoxydim E-Pro after pollination occurs.

Sethoxydim E-Pro may be applied in a tank mix with one of the following herbicides:

 Atrazine
 Guardsman®

 Basagran®
 Harness®

 Dual I Magnum®
 Laddok® S-12

 Dual I Magnum®
 Surpass™

 Frontier®
 2,4-D (LVE)

#### COTTON

Sethoxydim E-Pro may be applied in a tank mix with one of the following herbicides (including herbicides registered for use in cotton tolerant glyphosate and bromoxynil):

Buctril®

Roundup Ultra® Staple®

Processed meal may be fed to animals. For best grass control, apply Sethoxydim E-Pro 3 days prior to Staple®

#### PFANUT

Sethoxydim E-Pro may be applied in a tank mix with one of the following herbicides:

Basagran®

Blazer®

Storm™ 2,4-DB

Processed meal may be fed to animals.

#### SOYBEAN

In California, the maximum rate per acre per application is 2.0 pints. Only processed meal from seed or hay may be fed to animals.

Sethoxydim E-Pro may be applied in a tank mix with one of the following herbicides (including uses in Roundup Ready®, Liberty Link® and STS varieties):

Basagran® Pursuit® W Raptor® Reflex® Blazer® Classic® Cobra® Reliance™ STS FirstRate™ Resource<sup>®</sup> Roundup Ultra® Stellar® Flexstar<sup>®</sup> Frontier' Galaxy® Storm™ Liberty® Pursuit® Syncrony® STS Touchdown' Pursuit® DG 2,4-D (LVE)\*

# Tank Mix Specific Restrictions

Tank mixes of Sethoxydim E-Pro with Basagran® + Blazer®, Galaxy® or Storm™ herbicides are not for use in California.

Do not use MSO with any tank mix combination except with Basagran®, Pursuit® or Raptor® herbicides.

# FORAGE CROPS

# ALFALFA, BIRDSFOOT TREFOIL, CLOVER, SAINFOIN

Sethoxydim E-Pro may be applied to seedling or established alfalfa and clover grown for hay, silage, green chop, direct grazing, or for seed.

Mowing: Apply Sethoxydim E-Pro before grass and weeds are mowed for best control of annual grasses. Once a grass is mowed it becomes tougher to control, as much of the leaf surface may be removed, putting the grass under stress. In areas without a killing frost, some annuals can over-winter after having been mowed a number of times. These grasses can form large crowns and contain may viable buds. A large crown, even if it is an annual grass, may require repeated applications of Sethoxydim E-Pro for partial or complete control.

# Tank Mixing in Alfalfa, Birdsfoot Trefoil and Sainfoin Only

Sethoxydim E-Pro may be applied in a tank mix with 2,4-DB.

# **Tank Mix Specific Restrictions**

Do not add UAN solution or AMS to a tank mix of Sethoxydim E-Pro + 2,4-DB.

Do not use a tank mix of Sethoxydim E-Pro + 2,4-DB in the High and Rolling Plains of Texas, Western Oklahoma, Western Kansas, and Eastern New Mexico.

# IRRIGATED ALFALFA, CLOVER, BIRDSFOOT TREFOIL, AND SAINFOIN:

Irrigation practices may be necessary to start grass weeds growing again and can be very critical to the successful use of Sethoxydim E-Pro. Generally, applications 2-4 days after irrigation are most effective since grasses resume active growth, grasses have less chance to grow too large and by waiting later, the clover or alfalfa begins to canopy and interferes with spray coverage.

Irrigation shortly after application (2 days) can be effective, but more consistent grass control is obtained when the irrigation is made before the application.

#### ANNUAL GRASS CONTROL

Apply Sethoxydim E-Pro at the grass sizes and rates listed in Tables 1 and 3. If a grass has been cut, apply Sethoxydim E-Pro after the regrowth reaches the minimum height (so there will be enough leaf area for absorption) and before it exceeds the maximum height indicated.

Apply before the clover or alfalfa canopies cover grasses and interfere with the spray coverage. Also, applications after a clover or alfalfa cutting may need to be timed to follow an irrigation or rainfall which will allow the grasses to regrow to a treatable size

Some annual grasses are spring and summer germinating plants, while others are fall germinating plants. The time they are actively growing and most susceptible to Sethoxydim E-Pro may vary from area to area. Additionally, some annuals germinate over a long time, and because control of small grasses is desired, applications after each weed flush may be needed. As a general guideline, spray spring and summer grasses as early in the season as possible. The optimum application timing may occur very early in the spring after initial green-up. Spray fall germinating weeds in the fall soon after they begin growing but before any killing frosts. Late fall applications may be less effective due to environmental changes, such as frosts or the onset of flower.

#### PERENNIAL GRASS CONTROL

Sethoxydim E-Pro effectively controls or suppresses perennial grasses, such as Bermudagrass, johnsongrass, quackgrass, wirestem muhly, and perennial ryegrass (see Table 2). However, perennial grasses growth characteristics are such that they are more difficult to control than annual grasses, especially in a perennial crop such as established alfalfa or clover. A program of repeated application is usually necessary for best results.

The most economical method of controlling perennial grasses is to do so in the year of stand establishment before rhizomes or stolons become large and difficult to kill. The field should be disked before seeding to thoroughly fragment rhizomes or stolons.

Cool season grasses (quackgrass, wirestem muhly, and perennial ryegrass) can become very competitive under cool fall conditions in summer and fall seedings. Fall applications of Sethoxydim E-Pro will reduce late season grass growth and limit the ability of grasses to accumulate nutrient reserves in roots and rhizomes.

In established stands, it is important to begin applying in the spring when conditions favor active growth and before storage tissues have increased their nutrient reserves. Additional applications should be made on any grass regrowth in later cuttings.

#### CITRUS

Pulp and waste may be fed to livestock.

#### INTERSEEDED COVER CROPS

#### Sethoxydim E-Pro Activity on the Cover Crop

Grass cover crops controlled or suppressed by this use include wheat, oats, and barley, or any grass crop for which Sethoxydim E-Pro is labeled. Sethoxydim E-Pro will selectively control grass cover crops in seedling non-grass or broadleaf field forage, or vegetable crops without injury. In addition, Sethoxydim E-Pro will control any annual grasses that have emerged since planting. The slow dying grass can provide a protective mulch for the primary crop seedlings for up to 3 weeks after applying Sethoxydim E-Pro.

Apply Sethoxydim E-Pro to cereals that are 3-4\* in height (before tillering). Do not allow cereals to exceed this height as excessive competition and lack of control may occur.

#### APPLICATION AND USE DIRECTIONS FOR: Turf, Ornamentals, Nonfood and Noncrop Sites

Sethoxydim E-Pro may be used in or around the following sites:

Airports Pipeline pumping stations
Bedding Plants Potting and top soils
Centipedegrass and fine fescue turf Public buildings
Drug and medicinal crops Recreation areas
Electrical transformer stations Rights-of-way
Fences and hedgegrows Roadsides
Fine fescue seed production Sewage disposal areas
General indoor/outdoor sites
Ground covers Storage yards

Industrial sites Trees, Christmas trees
Other paved areas Uncultivated agricultural areas
Perennial peanuts (nonfood)
Wildflowers

## APPLICATION INSTRUCTIONS

Applications can be made to actively growing grassy weeds as aerial, broadcast, band, or spot spray applications at the rates and growth stages listed in Tables 8 and 9, unless instructed differently in the Site-Specific Information section of this label. The most effective control will result from making postemergence applications of Sethoxydim E-Pro early, when grassy weeds are small. Delaying application permits grassy weeds to exceed the maximum size stated and may prevent adequate control.

## Ground Application (Broadcast)

Water Volume: Use 5-50 gallons of spray solution per acre (1-10 pints per 1,000 square feet).

**Spray Pressure:** Use 30-60 psi (measured at the boom, not at the pump or in the line). When crop and grass weed foliage is dense, use a minimum of 20 gallons (3.67 pints per 1,000 square feet) of water and 60 psi.

Application Equipment: Use standard high-pressure pesticide flat fan or hollow cone nozzles spaced up to 20 inches apart. Do not use flood, whirl chamber, or controlled droplet applicator (CDA) nozzles as erratic coverage can cause inconsistent weed control. Refer to the nozzle manufacturer's directions for recommended height. Do not use selective application equipment such as wiper applicators or recirculating sprayers.

# Spot or Small Area Application

Sethoxydim E-Pro can be applied using tank-type, knapsack sprayers, high-volume equipment with hand guns, or other suitable nozzle arrangements. Prepare a solution of Sethoxydim E-Pro in water according to Table 9. Do not make spot treatments in addition to broadcast or band treatments.

<sup>\*</sup>For use as preplant burndown only

Table 8. Application Rates for Grass Control

Grass	Sethoxydim E-Pro (Rate)		
Grass	Grasses up to 6" height	Grasses up to 12" height	
Bahiagrass¹ Barnyardgrass Bentgrass, Colonial Bentgrass, Colonial Bentgrass, Highland Broadleaf Signalgrass Crabgrass, Large¹ Crabgrass, Smooth¹ Downy Brome⁴ German Velvetgrass¹ Goosegrass¹.2 Johnsongrass, Rhizome Johnsongrass, Seedling Junglerice Lovegrass Orchardgrass, Seedling Panicum, Browntop Panicum, Fall Panicum, Texas Quackgrass Quackgrass Ryegrass, Annual³ Sandbur, Field Shattercane/Wildcane Sprangletop, Red* Tall Fescue, Seedling Volunteer, Barley Volunteer, Gats Volunteer, Rye Volunteer, Wheat Wild Oats Wild Proso Millet Wirestem Muhly Witchgrass Wooly Cupgrass	2.25 pints per acre or 0.8 fluid ounces per 1,000 square feet	3.75 pints per acre or 1.4 fluid ounces per 1,000 square feet	

<sup>1</sup> Up to 4"

Table 9. Spot Treatment Application Rates

Grass	Concentration of Sethoxydim E-Pro in Spray Solution
Annual grasses up to 6" height	1.5%
Annual grasses up to 12" height	2.25%
Perennial grasses	2.25%1
<sup>1</sup> Use 1.5% for wirestem muhly	

# Table 10. Spot Treatment Dilution

Owner Colorfor Volume	Amount of Sethoxydi	m E-Pro to be Added
Spray Solution Volume	1.5% v/v	2.25% v/v
1 gallon	2 fl. oz.	3 fl. oz.
3 gallons	6 fl. oz.	9 fl. oz.
5 gallons	9.5 fl. oz.	14.5 fl. oz.

# ADDITIVES

No additives or adjuvants are recommended for use with Sethoxydim F-Pro when applied to turf, ornamentals, nonfood and noncrop sites. Always perform a compatibility jar test before mixing components. Refer to the Compatibility Test for Mix Components and Mixing Order directions under the General Information section of this label for additional

## TANK MIXING APPLICATION

Always read and follow the applicable Restrictions and Limitations and Directions for Use on all products involved in tank mixing. Refer to the Site-Specific Information section of this label for more details. The most restrictive labeling applies to tank mixes. Separate applications should be made if all target grassy weeds are not at the correct growth stage for treatment at the same time.

## Tank Mix Partners

The following herbicides may be tank mixed with Sethoxydim E-Pro according to the instructions in the respective prod-

dot laboro.		
Basagran® T/O	Fortune**	Stinger™
Rasagran® SG	GoalTM	2Δ Mīnslan Δ

\*For use only in AZ, NV, OR, and WA

Crop injury, reduced grass weed control or physical incompatibility may result from mixing Sethoxydim E-Pro with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Etigra does not recommend using tank mixes other than those listed on Etigra labeling. Local agricultural authorities may be a source of information when using other than Etigra recommended tank mixes.

# GENERAL RESTRICTIONS AND LIMITATIONS - THRE ORNAMENTAL NONFOOD AND NONCROPHISE SITES

- Avoid all direct or indirect contact with any desired grass crop unless otherwise recommended on this labe
- · Do not use treated vegetation as pasture, hay, feed, or forage.
- Do not apply Sethoxydim E-Pro with another pesticide whose label prohibits use with additives, surfactants, or oil adjuvants.
- · Do not use selective application equipment such as recirculating sprayers, wiper applicators, or shielded applicators
- Do not apply through any type of irrigation equipment.
  Sethoxydim E-Pro is rainfast 1 hour after application.
- Do not apply to grasses or crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control can result.
- Do not apply to crops that show injury (leaf phytotoxicity or plant stunting) produced by any other prior herbicide applications as this injury may be enhanced or prolonged.

#### SITE-SPECIFIC INFORMATION

#### CHRISTMAS TREE AND DECIDUOUS TREE FARMS

Sethoxydim E-Pro may be used to control annual and perennial grasses in Christmas and deciduous tree farms. If a Christmas tree or deciduous tree is not listed on this label, the user may determine if Sethoxydim E-Pro can be used safely prior to broad use by applying the recommended use rate of Sethoxydim E-Pro to the target plant on a small test area under the conditions expected to be encountered. Any adverse effects should be visible within 7 days.

#### Table 11. Christmas Trees

Common Name	Scientific Name
Fir, Balsam	Abies balsamea
Fir, Douglas	Pseudotsuga menziesii
Fir, Frasier	Abies fraseri
Fir, Grand	Abies grandis
Fir, Noble	Abies procera (A. nobilis)
Fir, Nordmann	Abies nordmanniana
Fir, Red	Abies, magnifica
Fir, Shasta	Abies, magnifica
Fir, Turkish	
Fir, White	Abies concolor
Hemlock, Canada	Tsuga canadensis
Pine, Austrian	Pinus nigra
Pine, Lodgepole	Pinus contorta latifolia
Pine, Monterey	Pinus radiate
Pine, Ponderosa	Pinus ponderosa
Pine, Scotch	Pinus sylvestris
Pine, Southern (Longleaf)	Pinus palustris
Pine, Virginia	Pinus virginiana
Pine, White	Pinus strobus
Spruce, Black Hills	Picea glauca
Spruce, Colorado Blue	Picea pungens
Spruce, Norway	Picea abies
Spruce, White	Picea glauca

#### Tank Mixes

## Sethoxydim E-Pro + Goal™ 1.6E Herbicide

Sethoxydim E-Pro: Up to 3.75 pints Goal™ 1.6E: Up to 2.5 pints

Sethoxydim E-Pro + Goal™ T/O 2-XL Herbicide

Un to 3.75 pints Sethoxydim E-Pro: Goal™ T/O 2-XL: 1.0-2.0 pints

(Not for use in California)

These tank mixes may be applied to control a broad spectrum of grass and broadleaf weeds in conifers and Christmas trees. Consult the Goal™ 1.6E and Goal™ T/O 2-XL labels for the list of grassy weeds and/or broadleaf weeds controlled. See previous pages for the minimum recommended rates of Sethoxydim E-Pro and see the Goal™ 1.6E and Goal™ 7/0 2-XL labels for minimum rates of Goal™ 1.6E and Goal™ 7/0 2-XL. Two to three applications may be required for season long control. In some cases, reduced grass control may result when tank mixing Sethoxydim E-Pro with Goal™ 1.6E and Goal™ T/O 2-XL.

Apply a spray volume of 20 gallons per acre at 40 psi before conifer bud break or after conifer foliage has had an opportunity to harden off. Broadleaf weeds must be within the height indicated on the Goal™ 1.6E and Goal™ 17/0 2-XL labels. Refer to the Goal™ labels for preemergence weed control application rates.

## **Specific Restrictions and Limitations**

- Do not apply this tank mix by aircraft equipment.
- Do not apply this tank mix when temperatures exceed 90°F.
- . Do not apply this tank mix to conifer seedlings less than 10 months old.

# Sethoxydim E-Pro + Stinger<sup>TM</sup> Herbicide

Sethoxydim E-Pro: Stinger™: 0.5-1.5 pints

refer to the manufacturer's label

A postemergence tank mix application of Sethoxydim E-Pro + Stinger™ will not only control a broad spectrum of grasses, but also certain broadleaf weeds such as Canada thistle, clover, vetch, knapweed and suppress other broadleaf weeds. Consult the Stinger™ label for a list of broadleaf weeds controlled.

This tank mix may be applied only over-the-top of the following actively growing trees: fir (balsam, Douglas, frasier, grand, noble), pine (lodgepole, ponderosa, scotch, white), and spruce (blue).

## **Specific Restrictions and Limitations**

- Do not apply more than 0.5 pint of Stinger™ per acre on blue spruce.
- In the Pacific Northwest, do not apply this tank mix in the first year of transplanting as injury (leaf cutting) may occur.
- . Do not add a surfactant or oil concentrate to this tank mix as injury may occur.

#### NONBEARING FOOD CROPS, ORNAMENTAL and NURSERY PLANTINGS, RIGHTS-OF-WAY, NONFOOD CROP AREAS, NONCROP AREAS, and FALLOW LAND

Sethoxydim E-Pro may be applied to nonbearing food crops, nursery liners, shrubs, trees, ornamentals, bedding plants, cut flowers, and ground covers including those listed in Table 13. If species in the application site are not listed in Table 13, Sethoxydim E-Pro may be applied as a directed spray away from the foliage of desired plants. Sethoxydim E-Pro may also be applied to sites such as rights-of-way, fallow land, noncrop areas and nonfood crop areas such as airports, industrial sites, roadsides, and storage yards. Repeat application if new germination or regrowth occurs.

## ORNAMENTAL SITES

Sethoxydim E-Pro + Basagran® T/O Herbicide Sethoxydim E-Pro: Up to 3.75 pints Basagran® T/O: Up to 4 pints

Sethoxydim E-Pro + Basagran® SG Herbicide Up to 3.75 pints Sethoxydim F-Pro: Basagran® SG: Up to 18 ounces

Apply these tank mixes as a directed spray to control yellow nutsedge, grass, and broadleaf weeds in nonbearing food crops and ornamental sites including trees, shrubs, ground covers, and bedding plants. These tank mixes should be applied as a directed spray away from the foliage of desirable plants. If any desirable plant foliage receives direct or indirect application, wash off immediately. The use of an oil concentrate as mentioned on the Basagran® T/O and Basagran® SG labels is not necessary in this tank mix. Over-the-top applications of this tank mix may be made to certain ground covers. Consult the Basagran® T/O and Basagran® SG labels for this listing.

<sup>&</sup>lt;sup>2</sup> In seedling Centipedegrass and fine fescue, use 1.5 pints (0.5 fl. oz.)

<sup>3</sup> Up to 8"

<sup>\*</sup>Not recommended in CA, AZ, or Western NM

# Sethoxydim E-Pro + Surflan™ AS Herbicide

Sethoxydim E-Pro: Up to 3.75 pints Surflan™ AS: Up to 4 pints

A tank mix of Sethoxydim E-Pro + Surflan™ AS may be applied to control weeds in ornamental sites including trees, groundcovers and shrubs.

# Sethoxydim E-Pro + Fortune® Herbicide

Sethoxydim E-Pro: Fortune®-Up to 4 pints

A tank mix of Sethoxydim E-Pro + Fortune® may be applied to control weeds in these states: AZ, NV, OR, and WA.

#### ROADSIDES, RIGHTS-OF-WAY, and NONFOOD CROP ALLEYWAYS

(Not intended for domestic use, except by professional applicators)

Sethoxydim E-Pro will suppress the initiation and development of the seedheads of established tall fescue. Discoloration of the fescue will occur soon after application and may persist for 2-8 weeks depending on environmental conditions. Avoid applying to any tall fescue area where discoloration is aesthetically unacceptable.

Timing: Apply Sethoxydim E-Pro to tall fescue before the emergence of seedheads in the spring. Do not apply after May 1 in Alabama, Georgia, and Tennessee; timing may vary in other areas. Tall fescue must be one year old before the first application of Sethoxydim E-Pro.

Rate: Apply 1.5 pints per acre (0.6 ounces per 1,000 square feet) of Sethoxydim E-Pro.

Spray Volume: Use 30-50 gallons per acre (5.5-9.0 pints per 1,000 square feet).

#### **Restrictions and Limitations**

Do not make more than one application of Sethoxydim E-Pro to tall fescue per year. Treated vegetation may not be used as feed, forage, hay or silage. Sethoxydim E-Pro will not injure clovers, vetch, or other broadleaf plants that may be present.

#### TREE FARMS

# Established Tall Fescue Growth Suppression:

Sethoxydim E-Pro may be used in tree farms to suppress the growth of tall fescue when grown as a desired ground cover. Tall fescue must be actively growing at the time of the Sethoxydim E-Pro application or injury may occur. Follow the directions on rates and timing closely.

Timing: Apply Sethoxydim E-Pro to tall fescue after it has had 4-6 inches of new growth, before the emergence of seedheads and before conifer bud break. Application from July 1 to mid-August may be less effective, especially if day temperatures reach 90°F. Tall fescue must be one year old before the first application of Sethoxydim E-Pro.

Rate: Apply 3-3.75 pints of Sethoxydim E-Pro per acre (0.6-0.7 ounces per 1,000 square feet). For greater fescue suppression, up to 60 fluid ounces of Sethoxydim E-Pro can be used per acre (1.4 ounces per 1,000 square feet). Local environmental differences or growth differences at the time of application to tall fescue may cause results to be different from those desired. Users of Sethoxydim E-Pro are advised to begin applications at the minimum recommended rate and adjust rates as local conditions and experience dictate. Additional applications may be made if extended growth suppression is desired.

#### WILDFLOWERS

Sethoxydim E-Pro may be used to control grass in native wildflowers on roadsides and in landscapes. Sethoxydim E-Pro will reduce the competition from grasses on wildflower species. Grass competition can cause flower stand thinning, stunting and reduced seed production, reducing the aesthetic value and the resetting potential of the wildflower stand. Many wildflower species are tolerant of Sethoxydim E-Pro application such as those listed in Table 13. Apply Sethoxydim E-Pro prior to blooming.

# **Application Timing**

Apply Sethoxydim E-Pro to grass after wildflowers have emerged, but not during flowering. Apply Sethoxydim E-Pro 4-6 weeks after wildflowers have emerged, but always base the application timing on grass size. Make broadcast applica-tions according to the Application Rates for Grass Control table on this label. A second application may be necessary if a new flush of grass occurs later in the growing season.

## TURF, LAWNS, RIGHTS-OF-WAY

# Fine Fescue Grown for Turf Seed (Not for use in California):

Sethoxydim E-Pro may be used to control annual and perennial grass weeds in fine fescue. On seedling centipedegrass, do not apply more than 1.5 pints per acre per application, or 3 pints per acre per season. On established centipedegrass, do not apply more than 2.25 pints per acre per application or 4.5 pints per acre per season. Applications should be made in the Pacific Northwest from November 1 to March 15 at the rates indicated in Table 12. Applying Sethoxydim E-Pro at other times of the year will generally result in reduced control of these problem grass weeds. Sethoxydim E-Pro does not control annual bluegrass or rattail fescue.

Restrictions and Limitations
Do not apply Sethoxydim E-Pro to desirable tall fescue turf.

## Table 12. Application Rates for Pacific Northwest Only

Grass Species	Weed Size	Rate per Acre*
Annual Grasses		
Annual Ryegrass	4-8"	2.25 pints
Downy Brome <sup>1</sup>	2-6"	3.75 pints
Perennial Grasses		
German Velvetgrass	2-4"	3-3.75 pints
Colonial and Highland Bentgrasses	2-4"	2.25-3.75 pints
<sup>1</sup> Also called "cheatgrass"		•

## **Tank Mixes**

## Sethoxydim E-Pro + Basagran® T/O Herbicide

Sethoxydim E-Pro: 2.25 pints Basagran® T/O: 2-4 pints

(Not applicable in California)

A tank mix of Sethoxydim E-Pro and Basagran® T/O may be applied to control yellow nutsedge (nutgrass), grass, and broadleaf weeds in centipedegrass and fine fescue areas. This tank mix may be applied to established turfgrass. Do not apply to newly seeded turf sites until the turf has become fully established. The use of oil concentrate in this tank mix is

Table 13. Species Tolerant to Sethoxydim F-Pro Herbicide

Common Name Scientific Name		
Tree Species Tolerant to Sethoxydim E-Pro	Herbicide	
Acacia, Knife Leaf	Acacia cultriformis	
Arborvitae, Eastern	(var: Teehny) Thuja occidentalis	
Arborvitae, Berkmans, Oriental	Thuja Orientalis	
Ash, Green	Fraxinus pennsylvanicum	
Ash, Mountain	Sorbus aucuparia	
Ash, Mountain	Sorbus americana decora	
Ash, White	Fraxinus americana	
Basswood, American Berkman's Oriental	Tilia americana Thuja orientalis	
Birch	Betula sp.	
Birch, Asian White	(var. Japonica) Betula platyphylla	
Birch, European White	Betula pendula	
Birch, paper	Betula papyrifolia	
Birch, River, Black or Red	Betula nigra	
Black Locust	Robinia pseudoacacia	
Bottle-brush	Callistemon lanceolatus	
Bottle Tree	Brachychiton populneus	
Brisbane Box Tree	Tristania conferta	
Cajeput Tree	Melaleuca quinquenervia	
Carob Tree	Ceratonia siliqua	
Carrot Wood	Cupaniopsis anacardioides	
Catalpa, Southern	Catalpa bignonioides	
Cherry, Black	Prunus serotina	
Cherry, Carolina	Prunus caroliniana "compacta"	
Crabapple, Flowering	(var. Dalgo, Radiant, Red, Splendor, Royalty, Vanguard, Sylvestris, Domestic) Malus sp.	
Cypress, False	Chamaecyparis pisifera	
Cypress, Leyland	Cupressocyparis leylandii	
Cypress, Italian	Cupressus sempervirens	
Dogwood, Flowering	Cornus florida	
Dogwood, Silky	Cornus amonum	
Dogwood, Pagoda	Cornus alternifolia	
Elm, Chinese Evergreen	Ulmus parvifolia	
Eucalyptus	Eucalyptus robusta, lehmannii, nicholi granis	
Fir	Abies, sp.	
Fir, Douglas	Pseudotsuga menziesii	
Fir, Frasier	Abies fraseri	
Fir, White	Abies concolor	
Goldentrain Tree	Koelreuteria paniculata	
Guava	Psidium littorale	
Guava, Pineapple	Feijoa sellowiana	
Gum, Blue	Eucalyptus globulus	
Gum, Lemon-scented	Eucalyptus citriodera  Eucalyptus polyanthemos	
Gum, Red Box Hackberry, Common	Celtis occidentalis	
Hemlock, Canadian	Tsuga canadensis	
Holly, Chinese	(var. Bufordii, Rotunda) Ilex cornuta	
Holly, Hybrid	(var. Nellie, Stevens) llex spares	
Holly, Japanese	(var. Convexa, Compacta, Helleri, Hoogendom)	
,,	llex crenata	
Holly, Yaupon	llex vomitoria	
Ironbark, Red	Eucalyptus sideroxylon	
Jacaranda	Jacaranda mimosifolia	
Kentucky Coffee Tree	Gymnocladus dioicus	
Larch, European	Larix europa	
Laurel, Indian	Ficus microcarpa nitida	
Linden	Tilia americana	
Linden, Littleleaf	Tilia cordata	
Locust, Honey	Gleditsia triacanthos inermis	
Loquat Magnelia Southern	Eriobotrya japonica  Magnelia grandiflora	
Magnolia Southern	Magnolia grandiflora	
	Acer rubrum  Acer palmatum	
Maple, Red	ı Acer Daimatum	
Maple, Japanese		
Maple, Japanese Maple, Silver	Acer saccharinum	
Maple, Japanese Maple, Silver Mimosa Tree	Acer saccharinum (silk tree) Albizia julibrissin	
Maple, Japanese Maple, Silver	Acer saccharinum	

<sup>\*</sup>If regrowth occurs or new plants emerge, make a second application at the same rate and weed size.

Common Name Tree Species Tolerant to Sethoxydim E-Pro Her	Scientific Name rbicide (continued)
Oak, Water	Quercus nigra
Oak, Willow	Quercus phellos
Olive Tree	Olea europaea
Olive, Russian	Elaeagnus angustifolia
Orchid Tree, Purple	Bauhinia variegata
Osage Orange	Maclura pomifera
Palm, Mediterranean fan	Chamaerops humilis
Palm, Pygmy Date	Phoenix roebelenii
Palm, Queen	Arecastrum romanzoffianum
Palm, Sago	Cycas revoluta
Palm, Windmill	Tracheocarpus fortunei
Palo Verde, Green	Parkinsonia aculeate
Paulownia Royal	Paulownia tomentosa
Pear, Common	Pyrus communis
Pear, Evergreen	Pyrus kawakamii
Pear, Ussurian	Pyrus ussuriensis
Pepper, Brazilean	Schinus terebinthifolius
Pine, Aleppo	Pinus halepensis
Pine, Austrian	Pinus nigra
Pine, Canary Island	Pinus canariensis
Pine, Caribbean Slash	Pinus caribean
Pine, Italian Stone	Pinus pinea
Pine, Jack	Pinus banksiana
Pine, Japanese Black	Pinus thunbergii
Pine, Loblolly	Pinus taeda
Pine, Mugho	Pinus mugho
Pine, Ponderosa, Western yellow	Pinus ponderosa
Pine, Red	Pinus resinosa
Pine, Scotch	Pinus sylvestris
Pine, Shore	Pinus contra
Pine, Slash	Pinus ellottii
Pine, Southern	Pinus palustris
Pine, Virginia	Pinus virginiana
Pine, White Issues	Pinus strobus
Pine, White Japanese Pine, Yew	Pinus parviflora Podocarpus macrophyllus
Plum, Wild	Prunus americana
Poplar, Hybrid	Populus alba
Popular, Yellow, Tulip Tree	Liriodendron tulipifera
Purpleleaf, Bailey Acacia	Acacia baileyana
Redwood, Coast	Sequoia sempervirens
Sandcherry, Western	Prunus besseyi
Sensitive Plant	Mimosa pudica
Silt Tree	Albizia julibrissin
Spruce, Black Hills	(var. Densata) Picea glauca
Spruce, Colorado Blue	Picea pungens
Spruce, Norway	Picea abies
Spruce, White	Picea glauca
Strawberry Tree	Arbutus unedo
Sumac, Standard, African	Rhus lancea
Sweet Gum	Liquidambar stryaciflus
Sycamore	Platanus occidentalis
Tea Tree, Australian	Leptospermun laevigatum
Tipu Tree	Tipuana tipu
Walnut, Black	Juglans nigra
Weeping, Fig, Exotica	Ficus benjamina
Willow	Salix matsudana tortuosa
Willow, Australian	Geijera parviflora
Willow, Desert	Pittosporum phillyraeoides
Willow, Peppermint	Agonis flexuosa
Yate, Bushy	Eucalyptus lehmannii
Yew, English	Taxus baccata
Shrub Species Tolerant to Sethoxydim E-Pro H	
Abelia, Glossy	Abelia grandiflora
Acacia, Bailey	Acacia baileyana
Acacia, Knife Leaf	Acacia cultriformis
Acacia, Prostrate	Acacia redolens
Acacia, Sydney Golden Wattle	Acacia longifolia
Andromeda	Pieris japonica
Arborvitae, Oriental	Platycladus orientalis
Arrowwood, Southern	Viburnum dentatum
Arlowwood, Southern Azalea, Mollis hybrid	R. x kosterianum
Azalea, Northern Lights Hybrid	R. x kosterianum x R. prinophyllum
Bamboo, Heavenly	Nandina domestica
	Berberis thunbergii
	i Derberio didilacitati
Barberry, Japanese Barberry, Korean	Berberis koreana

Common Name	Scientific Name
Shrub Species Tolerant to Sethoxydim E-Pro Herbic	
Birds of Paradise Bush	Caesalpinia gillesil
Bluebeard	Caryopteris clandonensis
Boxwood, Common	Buxus sempervirens
Boxwood, African	Myrsine africana
Boxwood, Japanese	(var. Japonica) Buxus microphylla
Buckthorn, Glossy, Alder	Rhamnus frangula
Camellia Cedar, Eastern Red	Camellia japonica, Camellia sasanqua (var. Pyramidiformus, caneartl) Juniperus virginiana
Cherry, Brush	Eugenia myrtifolia
Cherry, Manchu, Nanking	Prunus tomentosa
Chokecherry, sp.	Aronia meloelata
Copper Plant, Caribbean	Euphoria cotinifolia
Cotoneaster, Bearberry	Cotoneaster dammerii
Cotoneaster, Cranberry	Cotoneaster apiculata
Cotoneaster, 'lowfast' Peking	Cotoneaster acutifolia
Coyote Bush Cranberry Bush, American	Baccharis pilularis Viburnum trilobum
Cranberry Bush, Golden	Biburnum opulus aureum
Crape, Myrtle	Lagestromia indica
Currant, Alpine	Ribes alpinum
Dogwood, Red Osier	Cornus stolonifera
Elaeagnus	Elaeagnus umbellate
Escallonia	Escallonia fradesii, Escallonia rubia
Euonymus, Evergreen	(var. Golden, Silver King) Euonymus japonica
Euonymus, Winged	Euonymus alata
Fig, Creeping	Ficus repens
Firethorn Forsythia, Greenstem	Pyracantha graberi Forsythia viridissima bronxeniss
Flax, New Zealand	Phormium tenax
Fuchsia, Australian	Correa pulchella
Gardenia	(var. Mystery, Padicans)
	Gardenia augusta, Gardenia jasminoides
Gardenia, Dwarf	(var. Veitchii) Gardenia jasminoides
Gold Vine, Guinea	Hibbertia scandens
Hawthorn, Indian	Hakea proteacea
Hibiscus, Blue	Phaphiolepis indica Alyogyne huegelli
Hibiscus, Chinese	Hibiscus rosa-sinensis
Holly, Dwarf Burford	(var. Burfordii Nana) llex comuta
Honeysuckle, Bush	Diervelle Ionicera
Honeysuckle, Cape	Tecomaria capensis
Hydrangea	Hydrangea macrophylla
Jasmine, Asiatic	Trachelopsermum asiaticum
Jasmine, Orange	Murraya paniculata
Jasmine, Star Jasmine, Winter	Trachelospermum jasminoides  Jasmine nudiflorum
Jessamine, Carolina	Gelsemium sempervirens
Jojoba	Simmondsia chinensis
Juniper, Chinese	(var. Maneyi, Old Gold, Phtzerana, Sea Green, Hekii,
	Nana, Torulosa, Phtzerana, Aurea, Pfitzer, Golden Pfitzer) Juniperus chinensis
Juniper, Creeping	(var. Bluechip, Hughes, Plumosa, Prince of Wales,
Juliper, Greeping	Webberi, Wiltonii, Bar Harbor, Andorra, Variegata,
	Youngstown Blue Rud) Juniperus horizontalis
Juniper, Ozark	Juniperus sp.
Juniper, Rocky Mountain	(var. Blue Heaven, Welchii, Wichita Blue, Medova, Moffet, Pyramidal Green, Springtime, Admiral)
	Juniperus scopulorum
Juniper, Savin	(var. Skandia, Arcadia, Broadmoor, Buffalo, Pepin)
1	Juniperus sabina
Juniper, Shore	(var. Compacta) Juniperus conferta
Juniper, Tam  Lantana, Purple Trailing	(var. Tamariscifolia) Juniperus sabina Lantana montevidensis
Laurustinus	Viburnum tinus
Lemonade, Berry	Rhus integrifolia
Lilac, Common Purple	Syringa vulgaris purpura
Liriope, Green	Liriope muscari
Liriope, Variegated	Liriope muscari
Mickey Mouse Bush	Ochna serrulata
Mirror Plant	Coprosma repens
Mock Orange	Pittosporum tobira
Mountain, Lilac, Carmel Creeper	Ceanothus griseus
Myrtle, Dwarf  Nandina, Heavenly Bamboo	Myrtus communis compacta  Nandina domestica
Nannyberry	Viburnum lantago
Ninebark	Physocarpus opulifolium (var. aureus)
	Physocarpus opulifolium nanus
Oleander	Nerium oleander
Orchid, rockrose	Cistus purpureus

Shrub Species Tolerant to Sethoxydim E-Pi	ro Herbicide (continued)
Oregon Grape	Mahonia aquifolium
Osmanthus, Holly-leaf	Osmanthus heterophuyllus
Osmanthus, Sweet Olive	Osmanthus fragrans
Palm, Natal	(var. Green Carpet Tuttle) Carissa grandiflora
Pampas Grass	Cortederia selloana
Photinia	Photinia sp.
Photinia, Fraser	Photinia fraser
Pink Lady	Rahioleis indica
Pink Powder Puff	Calliandra haematocephala
Pittosporum, Variegated Japanese	Pittosporum tobira variegate
Plumbago, Cape	Plumbago capensis
Podocarpus, Yew	Podocarpus macrophyllus
Princess Flower	Tibouchina urvilleana
Privet	Ligustrum indica
Privet, Glossy	(var. Lake Tresca) Ligustrum lucidum
Privet, Japanese, Waxleaf	Ligustrum japonicum
Privet, Texas	Ligustrum texanum
Purple Hop Bush	Dodonaea viscosa
Pyracantha	Pyracantha graberi
Rhododendron-Azalea	(var. Hinocrimson, Hershey Red, Coral Blue, Hinodigiri, Christmas Cheer, Pink Ruffle, Formosa Flame, Delawar Valley White, New White) Rhododendron sp.
Sandcherry, Purpleleaf	Prunus cistena
Serviceberry, Allegheny	Amelanchier laevis
Serviceberry, Saskatoon	(var. Regent) Amelanchier alnifolia
Silver King	Euonymus japonica
Sky Flower, Brazilian	Duranta stenostachya
Snowball Bush	Viburnum opulus sterilis
Spindle Tree	Euonymus kiautschovica
Spiraea	Spiraea vanhouteii (var. Anthony Waterer, Froebellii, Goldflame) Spirea bumalda, (var. Fairy Queen) Spirea trilobataiovica, (var. Snowbound)
	Spiraea nipponicaiovica
Star Plant, Lavender	Grewia occidentalis
Tea Tree, Australian	Leptospermum laevigatum
Tea Tree, New Zealand	(var. RedGlow) Leptospermum scoparium
Texas Ranger	Leucophyllum frutescens
Toyon, California Holly	Hetermeles arbutifolia
Trumpet Vine, Pink	Pandorea rosea
Veronica	Hebe 'Coed'
Viburnum, Japanese	Viburnum japonicum
Viburnum, Sandankwa	Viburnum suspensum
Wayfaring Tree	Viburnum lantanoides
Weeping Fig, Exotica	Ficus benjamina
Wheelers Dwarf, Variegated	(var. Wheller) Pittosporum tobira
Yellow Bells	Tecoma stans
Yesterday-Today-and-Tomorrow	Brunfelsia calycina
Yew	Taxus cuspitata vigatum
Ornamentals and Bedding Plants Tolerant t	to Sethoxydim E-Pro Herbicide
Allysum	Alyssum sp.
Asparagus, Myers	(var. Meyeri) Asparagus densiflorus
Asparagus, Sprenger	(var. Sprengeri) Asparagus densiflorus
Aster, New York	Aster novi-belgii
Aster, Stokes	(var. Blue, White) Stokesia cyanae
Baby's Breath	(var. Bristo Fairy) Gypsophila paniculata
Begonia Begonia	Begonia semperflorens
	(var. Canterbury Bells) Campula carpatica
-	тучн. очтоговну овној очтрија сагранса
Bellflower, Tussock	Calastrus scandens
Bellflower, Tussock Bittersweet, American	Calastrus scandens (var. Goldilocks) Budheckia hirta
Bellflower, Tussock Bittersweet, American Black-eyed Susan	(var. Goldilocks) Rudbeckia hirta
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp.
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp.
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Boower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite	(var. Goldilocks) Rudbeckia hirta  Dicentra spectabilis  Asclepias tuberose  Pandorea jasminoides  Echinocactus sp.  Iberis sempervirens, Iberis amara  Canna sp.  Cassia artemisioides  Chrysanthemum frutescens, Chrysanthemum indicum
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides Chrysanthemum frutescens, Chrysanthemum indicum Celosia argentea, Canna
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb Coleus	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides Chrysanthemum frutescens, Chrysanthemum indicum Celosia argentea, Canna Coleus blumei
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb Coleus Coneflower, Purple	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides Chrysanthemum frutescens, Chrysanthemum indicum Celosia argentea, Canna Coleus blumei (var. Gloriosa Dairy) Echinacea purpurea
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb Coleus Conellower, Purple Coralbells	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides Chrysanthemum frutescens, Chrysanthemum indicum Celosia argentea, Canna Coleus blumei (var. Gloriosa Dairy) Echinacea purpurea Heuchera sanguinea
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Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb Coleus Coneflower, Purple Coralbells Coreopsis Cup of Gold Vine	(var. Goldilocks) Rudbeckia hirta  Dicentra spectabilis  Asclepias tuberose  Pandorea jasminoides  Echinocactus sp.  Iberis sempervirens, Iberis amara  Canna sp.  Cassia artemisioides  Chrysanthemum frutescens, Chrysanthemum indicum  Celosia argentea, Canna  Coleus blumei  (var. Gloriosa Dairy) Echinacea purpurea  Heuchera sanguinea  (var. Sunray) Coreopsis lanceolata  Solandra maxima
Bellflower, Tussock Bittersweet, American Black-eyed Susan Blaeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cocksomb Coleus Coneflower, Purple Coralbells Coreopsis Cup of Gold Vine Daffodil	(var. Goldilocks) Rudbeckia hirta  Dicentra spectabilis  Asclepias tuberose  Pandorea jasminoides  Echinocactus sp.  Iberis sempervirens, Iberis amara  Canna sp.  Cassia artemisioides  Chrysanthemum frutescens, Chrysanthemum indicum  Celosia argentea, Canna  Coleus blumei  (var. Gloriosa Dairy) Echinacea purpurea  Heuchera sanguinea  (var. Sunray) Coreopsis lanceolata  Solandra maxima  Narcissus spp.
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb Coleus Coneflower, Purple Coralbells Coreopsis Cup of Gold Vine Daffodil Dahlia	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides Chrysanthemum frutescens, Chrysanthemum indicum Celosia argentea, Canna Coleus blumei (var. Gloriosa Dairy) Echinacea purpurea Heuchera sanguinea (var. Sunray) Coreopsis lanceolata Solandra maxima Narcissus spp. Dahlia pinnata
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb Coleus Coneflower, Purple Coralbells Corceopsis Cup of Gold Vine Daffodil Dahlia Daisy Bush	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides Chrysanthemum frutescens, Chrysanthemum indicum Celosia argentea, Canna Coleus blumei (var. Gloriosa Dairy) Echinacea purpurea Heuchera sanguinea (var. Surray) Coreopsis lanceolata Solandra maxima Narcissus spp. Dahlia pinnata Euryops pectinatus
Bellflower, Tussock Bittersweet, American Black-eyed Susan Bleeding Heart Butterfly Weed Bower Vine Cactus, Barrel Candytuft Canna Cassia, Feathery Chrysanthemum, Marguarite Cockscomb Coleus Coneflower, Purple Coralbells Coreopsis Cup of Gold Vine Daffodil Dahlia	(var. Goldilocks) Rudbeckia hirta Dicentra spectabilis Asclepias tuberose Pandorea jasminoides Echinocactus sp. Iberis sempervirens, Iberis amara Canna sp. Cassia artemisioides Chrysanthemum frutescens, Chrysanthemum indicum Celosia argentea, Canna Coleus blumei (var. Gloriosa Dairy) Echinacea purpurea Heuchera sanguinea (var. Sunray) Coreopsis lanceolata Solandra maxima Narcissus spp. Dahlia pinnata

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Common Name	Scientific Name
Ornamentals and Bedding Plants Tolerant to Setholianthus	Dianthus deltoids
Dragonhead, False	Physostegia virginiana
Dusty Miller	Centaurea cineraria
Fern, Sprenger Asparagus	Asparagus densiflorus Sprengeril
Fescue, Blue	Festuca ovina
Flowering tobacco	Nicotiana sp.
Fountain Grass, Red	Pennisetum setaceum
Gazania	Gazania ringens leucolaena, Gazania sp.
Geranium Geranium, Martha Washington	Geranium sp.  Pelargonium domesticum
Gerbera Daisy	Gerbera jamesonii
Geum	(var. Lady Strathedon, Mrs. Bradshaw,
	Mrs. Bradshaw Improved) Geum quellyon
Gladiolus	Gladiolus sp.
Heather, False	Cuphea hyssopifolia
Honeysuckle, Amar Honeysuckle, Fly	Lonicera maachii (var. Emerald Mound, Clavey's Dwarf) Lonicera xylosteun
Honeysuckle, Japanese	Lonicera japonica
Honeysuckle, Morrow	Lonicera morrowii
Honeysuckle, Tatarian	(var. Zabeli) Lonicera tatarica
Hopseed Bush, Purple	(var. Purpurea) Dodonaea viscose
Impatiens	Impatiens sp.
Iris	Iris sp.
Iris, African	Dietes bicolor
lvy, Grape	(var. Ellen Danica) Cissus rhombifolia
Jack-in-the-Pulpit	Arisaemia pusillum, Mrs. Bradshaw Improved
Jade Plant Jasmine, Madagascar	Crassula argentea Stephanotis floribunda
Lamb's Ear	Stachys Ianata
Lavender, English	Lavandula vera
Lavender, French	Lavandula dentate
Lavender, Cotton	Santolina chamaecyparisus
Lilac, Chinese	Syringa chinensis
Lilac, Common Purple	(var. Charles Joly, Ludwig, Spaeth, Jay Tree)
Life Many	Syringa vulgaris purpurpa
Lilac, Meyer Lilac, Korean	(var. Palibin) Syringa sp. Dianthus barbatus (var. Miss Kim) Syringa patula
Lilac, Mountain	Ceanothus griseus
Lily-of-the-Nile, Peter Pan	Agapanthus africanus
Lily-of-the-Valley	Convallaria majalis
Lobelia	Lobelia erinus
Marigold	Tagetes sp.
Mirror Plant	Coprosma baureri
Mirror Plant, Variegated	Coprosma repens
Moneywort, Creeping Jenny	Lysimachia nummalaria
Moss, Rose  Moss, Sandwort	Portulaca grandiflora  Arenaria verna
Pansy, Johnny-Jump-Up	Viola tricolor
Pepper, Ornamental	Capsicum sp.
Periwinkle, Madagascar	Catharanthus roseus, Vinca minor
Petunia	Petunia sp.
Phlox, Perennial	Phlox paniculata
Plantain Lily	Hosta sp.
Purple Loosestrife	(var. Morden's Gleam) Lythrumvirgatum
Raspberry Ice	Bougianvillea sp.
Sage	Salvia greggii  Armeria maritime
Sea Pinks, Thrift Sedum, Stonecrop	Sedum x rubrotinctum, Lavender cotton
Shrimp Plant	Justicia brandegeana
Sky Flower, Brazilian	Duranta stenostachya
Snail Vine	Vigna caracalla
Snapdragon	Antirrhinum majus
Speedwell, Spike	Veronica spicata
Statice, Perennial	Limonium perezil
Stock	Mattiola incana
Sweet Grass	Acorus gramineus
Sweet William	Dianthus barbatus
Transvaal Daisy Trumpet Vine, Blood red	Gerbera jamesonii Distictis buccinatoria
Trumpet Vine, Blood red Trumpet Vine, Lavender	Clytostoma callistegioides
Trumpet Vine, Pink	Pandorea rosea
Tulip	Tulipa spp.
Verbena	Verbena sp.
Wandering Jew	Trade scantia sp.
Wisteria	Wisteria sinensis
Yarrow	(var. Cerise Queen) Achillea Millefolium
Yarrow, Debutante	Achillea taygetea v.
Yellow Trumpet	Macfadyena unguis-cati
Zinnia	Zinnia elegans

Crown Covers Televent to Sethewalim F. Dr	Scientific Name
Ground Covers Tolerant to Sethoxydim E-Pr Aaron's Beard	Hypericum calycinum
Aptenia	(var. Red Apple) Aptenia cordifolia
Bergenia, Winter-blooming	Bergenia crassofolia
Bugleweed	Ajuga reptans
Capeweed	Arctotheca calendula
Carpathian, Harebell	Campanula carpatica
Cinquefoil, Spring	Potentilla tabernaemontanil
Coyote brush	(var. Twin Peaks) Baccharis pilularis
Crownvetch	Coronilla varia
Cushion Bush	Calocephalus brownii
Daisy, Trailing African, Freeway	Osteospermum
Daisy, White African	Osteospermum fruticosum alba
Gazania, Trailing	Gazania regens leucolaena
Green Carpet	Herniaria glabra
Ivy, Algerian	Hedera canaiensis
Ivy, Boston	Parthenocissus tricuspidata
lvy, English	Hedera helix, (var. California)
lvy, Grape	(var. Ellen Danica) Cissus rhombifolia
Ivy, Hahn's	(var. Hahnii) Hedera helix  Lantana montevidensis
Lantana, Lavender	Liriope muscari
Lily-turf, Big Blue Lippla	Phyla nodiflora
Mondo Grass	Ophiopogon japonicus
Myoporum	(var. Prostratum) Myoporum parvifolium
Pachysandra	Pachysandra terminalis
Periwinkle	Vinca major
Plumbago, Dwarf	Ceratostigna plumbaginoides
Pork and Beans	Sedum rubrotinctum
Rosea Ice Plant	Drosanthemum floribundum
Rosemary, Dwarf	(var. Prostratus) Rosmarinus officinalis
Rupture Wort	Herniaria glabra
St. Johnswort, Creeping	Hypericum calycinum
Stonecrop, Sedum	Sedum rubrotinctum
Verbena	Verbena officinalis
Verbena, Blue	Verbena officinalis  Verbena peruvianna
Verbena, Blue	
Verbena, Blue Wildflowers Tolerant to Sethoxydim E-Pro	Verbena peruvianna
Verbena, Blue Wildflowers Tolerant to Sethoxydim E-Pro African daisy	Verbena peruvianna Dimorphotheca aurantiaca
Verbena, Blue Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis
Verbena, Blue Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta
Verbena, Blue Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata
Verbena, Blue Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilla tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilia tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilia tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose  Calendula officinalis
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilia tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose  Calendula officinalis  Eschscholzia califomica
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Carnation	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpas tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy  Baby blue eyes  Baby snapdragon  Baby's breath  Bachelor button  Bird's eyes  Black eyed Susan  Blanketflower  Blue Fescue  Blue flax  Butterflyweed  Calendula  California poppy  Calliopsis  Candytuft  Carnation  Catchfly	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilla tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose  Calendula officinalis  Eschscholzia califomica  Coreopsis tinctoria  Iberis sempervirens  Dianthus  Silene armeria
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Carnation Catchfly Chicory	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilla tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisti Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Babs's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Flax Butterflyweed Calendula California poppy Calliopsis Candytuft Camation Catchfly Chicory Chinese houses	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilla tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose  Calendula officinalis  Eschscholzia califomica  Coreopsis tinctoria  Iberis sempervirens  Dianthus  Silene armeria  Chicory intybus  Collensia heterophylla
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Babsby breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Flax Butterflyweed Calendula California poppy Calliopsis Candytuft Camation Catchfly Chicory Chinese houses Columbine	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilia tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose  Calendula officinalis  Eschscholzia californica  Coreopsis tinctoria  Iberis sempervirens  Dianthus  Silene armeria  Chicory intybus  Collensia heterophylla  Aquilegia spp.
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Fascue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Carmation Catchfly Chicory Chinese houses Columbine Com poppy	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilia tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose  Calendula officinalis  Eschscholzia califomica  Coreopsis tinctoria  Iberis sempervirens  Dianthus  Silene armeria  Chicory intybus  Collensia heterophylla  Aquilegia spp.  Papaver rhoeas
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Flax Butterflyweed Calendula California poppy Calliopsis Candytuft Camation Catchfly Chicory Chinese houses Columbine Corn poppy Conflower	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Camation Catchfly Chicory Chinese houses Columbine Corn poppy Comflower Cosmos	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilia tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisii  Ascelpias tuberose  Calendula officinalis  Eschscholzia califomica  Coreopsis tinctoria  Iberis sempervirens  Dianthus  Silene armeria  Chicory intybus  Collensia heterophylla  Aquilegia spp.  Papaver rhoeas
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy  Baby blue eyes  Baby snapdragon  Baby's breath  Bachelor button  Bird's eyes  Black eyed Susan  Blanketflower  Blue Fescue  Blue flax  Butterflyweed  Calendula  Calendula  California poppy  Calliopsis  Candytuft  Carnation  Catchfly  Chicory  Chinese houses  Columbine  Com poppy  Comflower  Cosmos  Creeping daisy	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilla tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus Cosmos bipinnatus
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy  Baby blue eyes  Baby snapdragon  Baby's breath  Bachelor button  Bird's eyes  Black eyed Susan  Blanketflower  Blue Fescue  Blue flax  Butterflyweed  Calendula  California poppy  Calliopsis  Candytuft  Carnation  Catchfly  Chicory  Chinese houses  Columbine  Com poppy  Comflower  Cosmos  Creeping daisy  Dames rocket	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilla tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus Cosmos bipinnatus
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Carnation Catchfly Chicory Chinese houses Coulmbine Corn poppy Comflower Cosmos Creeping daisy Dames rocket Drummond phlox	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilla tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus Cosmos bipinnatus Hesperis matronalis Phlox drummondii
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Carnation Catchfly Chicory Chinese houses Columbine Corn poppy Cornflower Cosmos Creeping daisy Dames rocket Drummond phlox Dwarf primrose	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilla tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisti Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus Cosmos bipinnatus  Hesperis matronalis Phlox drummondii Oenothera sp.
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Babs's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Fascue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Carnation Catchfly Chicory Chinese houses Columbine Corn poppy Cornflower Cosmos Creeping daisy Dames rocket Drummond phlox Dwarf primrose Firewheel	Verbena peruvianna  Dimorphotheca aurantiaca  Nemophila insignis  Linaria macrocanna  Gypsophila muralis  Centaurea cyanus  Gilla tricolor  Rudbeckia hirta  Gaillardia aristata  Festuca ovina glauca  Linum lewisti  Ascelpias tuberose  Calendula officinalis  Eschscholzia califomica  Coreopsis tinctoria  Iberis sempervirens  Dianthus  Silene armeria  Chicory intybus  Collensia heterophylla  Aquilegia spp.  Papaver rhoeas  Centaurea cyanus  Cosmos bipinnatus  Hesperis matronalis  Phlox drummondii  Oenothera sp.  Gaillardia pulchella
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Flax Butterflyweed Calendula California poppy Calliopsis Candytuft Camation Catchfly Chicory Chinese houses Columbine Corn poppy Cornflower Cosmos Creeping daisy Dames rocket Drummond phlox Dwarf primrose Firewheel Five spot conflower	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus Cosmos bipinnatus  Hesperis matronalis Phlox drummondii Oenothera sp. Gaillardia pulchella Centaurea sp.
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue flax Butterflyweed Calendula California poppy Calliopsis Candytuft Camation Catchfly Chicory Chinese houses Columbine Corn poppy Cornflower Cosmos Creeping daisy Dames rocket Drummond phlox Dwarf primrose Firewheel Five spot cornflower Foxglove	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus Cosmos bipinnatus  Hesperis matronalis Phlox drummondii Oenothera sp. Gaillardia pulchella Centaurea sp. Digitalis purpurea
Verbena, Blue  Wildflowers Tolerant to Sethoxydim E-Pro African daisy Baby blue eyes Baby snapdragon Baby's breath Bachelor button Bird's eyes Black eyed Susan Blanketflower Blue Fescue Blue Flax Butterflyweed Calendula California poppy Calliopsis Candytuft Camation Catchfly Chicory Chinese houses Columbine Corn poppy Cornflower Cosmos Creeping daisy Dames rocket Drummond phlox Dwarf primrose Firewheel Five spot conflower	Verbena peruvianna  Dimorphotheca aurantiaca Nemophila insignis Linaria macrocanna Gypsophila muralis Centaurea cyanus Gilia tricolor Rudbeckia hirta Gaillardia aristata Festuca ovina glauca Linum lewisii Ascelpias tuberose Calendula officinalis Eschscholzia califomica Coreopsis tinctoria Iberis sempervirens Dianthus Silene armeria Chicory intybus Collensia heterophylla Aquilegia spp. Papaver rhoeas Centaurea cyanus Cosmos bipinnatus  Hesperis matronalis Phlox drummondii Oenothera sp. Gaillardia pulchella Centaurea sp.

Common Name	Scientific Name
Wildflowers Tolerant to Sethoxydim E-Pro (continued	
Indian blanket	Gaillardia pulchella
Indian paintbrush	Castilleja coccinea
Jewels of Opar	Talinum paniculatum
Johnny-jump-up	Viola pedata
Lance-leaved coreopsis	Coreopsis lanceolata
Lemon mint	Monarda citriodora
Liatris	Liatris spicata
Lupine	Lupinus spp.
Moss verbena	Verbena tenuisecta
New England aster	Aster novi-anglae Silene sp.
Nodding catchfly pink  Oxeye daisy	Chrysanthemum leucanthemum
Painted daisy	Chrysanthemum carinatum
Perennial lupine	Lupinus perennis
Plains coreopsis	Coreopsis tinctoria
Poor man's weather glass	
Prairie aster	Machaeranthera tanacetifolia
Purple coneflower	Echinacea purpurea
Purpleknot toadflax	Linaria sp.
Queen Anne's lace	Daucus carota
Red ribbons	Clarkia concinna
Rocket larkspur	Delphinum ajacis
Sainfoin	Conobrychis vicifolia
Sand bluebonnet	Lupinus subcarnosus
Scarlet flax	Linum rubrum
Showy primrose	Oenothera speciosa
Siberian wallflower Spurred snapdragon	Cheiranthus spp. Linaria macrocanna
Stock	Matthiola maritima
Sulfur cosmos	Cosmos sulfureus
Sweet alyssum	Lobularia maritima
Sweet William	Dianthus barbatus
Texas bluebonnet	Lupinus texensis
Tickseed	Coreopsis lanceolate
Tidy tips	Layia platyglossa
Virginian stock	Malcolmia maritima
Wallflower	Cheiranthus allionii
White yarrow	Achillea millefolium
In limited testing with the following plants, some unaccepting at application rates above these recommended on the	
ring at application rates above those recommended on the Trees	e product label.
Red Oak	Quercus rubra
White Oak	Quercus alba
Shrubs	autrous alba
Azalea (var. Snow)	Rhododendron sp.
Potentilla	Potentilla fruticosa
Potentilla (var. Jackmanni, K. VanDyke)	Potentilla Verna
Privet, Japanese	Ligustrum japonica
Ornamentals	
Snow-in-summer	Cerastium tomentosum
Nonbearing Food Crops and Nursery Liners Tolerant	-
Almonds	Macadamias
Apples	Nectarines
Apricots	Olives
Asparagus	Oranges
Avocados Blackberries	Peaches Peanuts, Perennial*
Blueherries  Blueherries	Peanuts, Perennial* Pears
Cherries	Pecans
Crabapples	Pistachios
Cranberries	Plums
Dates	Pomegranates
Figs	Prunes
Grapes	Raspberries
Grapefruits	Tangelos
Lemons	Tangerines
Limes	Walnuts
Do not apply to nonbearing food crops within 1 year of ha	rvest.
*Not approved in California.	

Common Name	Scientific Name
Bahiagrass	Paspalum notatum
Barnyardgrass (Watergrass)	Echinochloa crus-galli
Bentgrass, (Highland/Colonial)	Agrostic tenuis
Bermudagrass (Wiregrass)	Cynodon dactylon
Bluegrass, Annual	Poa annua
Broadleaf Signalgrass	Brachiaria platyphylla
Brome, Downy	Bormus tectorum
Centipede Grass	Eremochloa ophiuroides
Crabgrass, Large	Digitaria sanguinalis
Crabgrass, Smooth	Digitaria ischaemum
Cupgrass, Southwestern	Eriochloa gracillis
Cupgrass, Woolly	Eriochioa yillosa
Fescue. Fine	Festuca sp.
Fescue, Chewings	Festuca sp.
Fescue, Creeping Red	Festuca rubra
Fescue, Hard	Festuca longifolia
Fescue, Rattail	Festuca nongriona  Festuca myuros
Fescue, Nation	Festuca niyuros  Festuca ovina
,	
Fescue, Tall	Festuca arundinacea Setaria faberi
Foxtail, Giant (Pigeongrass)	
Foxtail, Green	Setaria viridis
Foxtail, Yellow	Setaria glauca
Goosegrass	Eleusine indica
Itchgrass	Rottboellia exaltata
Johnsongrass	Sorghum halepense
Junglerice	Echinochloa colonum
Lovegrass	Eragrostis cilianensis
Oats, Tame	Avena saliva
Orchardgrass	Dactylis glomerata
Panicum, Browntop	Panicum fasciculatu
Panicum, Fall	Panicum dichotomiflorum
Panicum, Texas	Panicum texanum
Quackgrass	Agropyron repens
Red Rice	Oryza sativa
Red Sprangletop	Leptochloa filiformis
Ryegrass, Annual	Lolium multiflorum
Ryegrass, Perennial	Lolium perenne
Sandbur, Field	Cenchrus incertus
Shattercane/Wildcane	Sorghum bicolor
Stinkgrass	Eragrostis cilianensis
Torpedograss	Panicum repens
Velvetgrass, German	Holcus mollis
Volunteer, Barley	Hordeum vulgare
Volunteer, Corn	Zea mays
Volunteer, Oats	Avena sativa
Volunteer, Rye	Secale Cereale
Volunteer, Wheat	Triticum aestivum
Wild Oats	Avena fatua
Wild Proso Millet	Panicum miliaceum
Wirestem Muhly	Muhlenbergia frondosa
Witchgrass	Panicum capillare

#### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store below 32°F or above 100°F. Store in a dry place away from heat or open flame. Avoid contamination of feed or foodstuffs.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, 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:

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### Storage and Disposal for Homeowners Use

Storage: Keep pesticide in original container. Do not put concentrate or dilute spray into food, feed or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray

#### 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 call 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

# 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.

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