

PLEASE NOTE

This image contains more than one label approved for this product on this date.

Please read instructions on reverse before completing form.

100-840

3-16-2001

1/6



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
NOTIFICATION

Application for Pesticide - Section I

1. Company/Product Number 100-840	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Zorial 5G Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

MAR 16 2001

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA. The following changes are being made via this notification: 1) Company name and address have been updated to reflect Syngenta Crop Protection, Inc. 2) The Conditions of Sale and Warranty statement has been changed to reflect the name change. Because Syngenta has been formed by the merger of Novartis Crop Protection, Inc. and Zeneca Ag Products, we have chosen to use the former Zeneca warranty statement as the Syngenta warranty statement. No other changes occur in the statement other than the name change. 3) The copyright date reflects Syngenta. 4) Trademark statements have been updated to reflect Syngenta for those products for which Syngenta holds the trademark. 5) The Internet address has been changed to reflect Syngenta. 6) Other places in the label which referring to the company name have been updated.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Unit Packaging wgt. No. per container	<input type="checkbox"/> Plastic	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other: _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Nan S. Padgett		Title Label Group Leader		Telephone No. (Include Area Code) 336-632-7567	
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stampet.)
2. Signature <i>Nan S. Padgett</i>		3. Title Label Group Leader			
4. Typed Name Nan S. Padgett		5. Date March 5, 2001			

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NOTIFICATION

MAR 16 2001

Zorial®

5G

HERBICIDE

For the control of
certain annual
and perennial
weeds in alfalfa

Active Ingredient:
 Norflurazon: 4-chloro-5-(methylamino)-
 2-(α,α,α -trifluoro-*m*-tolyl)-3-(2*H*)-
 pyridazinone 5.0%

Inert Ingredients: 95.0%

Total: 100.0%

KEEP OUT OF REACH
OF CHILDREN.

CAUTION

See additional precautionary
statements and directions for use
on back of bag.

EPA Reg. No. 100-840

EPA Est. 39578-TX-1

SCP 840B-L2C 0201

PRODUCT ID.
81164

50 POUNDS
NET WEIGHT

CONDITIONS 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.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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.

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) 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
- Waterproof gloves
- Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

SPECIFIC ALFALFA DIRECTIONS

Zorial 5G can be used for weed control in alfalfa in the states of AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NV, OK, OR, SC, TN, TX, WA, and the portions of CO, KS, and MO south of J-70.

Use Precautions

Zorial 5G is only recommended for preemergent weed control in established alfalfa; do not apply to seedling alfalfa until it has emerged and been actively growing for 5 months.

Do not apply Zorial 5G within 28 days of harvest.

Soil disturbances, such as rodent burrowing and fire ant mounding, may result in temporary bleaching or reduced growth in alfalfa treated with Zorial 5G.

Do not apply to alfalfa planted with small grain or grass companion cover, unless injury to the companion crop is acceptable. Alfalfa seed germinating after Zorial 5G is activated in the soil will not become established.

Application Timing and Rates

Zorial 5G may be applied to healthy stands of established alfalfa at 20 lbs./A; do not apply to seedling alfalfa until it has emerged and been actively growing for 5 months. An additional 20 lbs./A may be applied later in the first crop year to extend late season weed control.

Apply Zorial 5G granules with any suitable calibrated ground or aerial equipment to ensure uniform coverage.

Zorial® 5G

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Application in each of the following calendar years may be made at 20-40 lbs./A, depending upon weed pressure, soil texture, and cultural practices:

- Use the lower rate on coarse soils (sand, loamy sand, sandy loam) and when low populations of easily controlled annual weeds are expected.
- Use the higher rate on medium- to fine-textured soils (sandy clay through clay) and when heavier weed pressure is expected. The 40 lb. maximum annual rate may be applied in a single application or in split applications.
- Do not apply more than 40 lbs./A per calendar year.

Incorporation by rainfall or irrigation is necessary to activate Zorial 5G in soil before weed seeds germinate and emerge. A minimum of one inch of rainfall or irrigation is necessary to incorporate Zorial 5G.

Application may be made during dormancy, as long as soil is not frozen, or in actively growing stands. Application should always follow mowing and removal of hay to ensure spray reaches the soil surface. In areas which have less than 15 inches annual moisture (rainfall and snow combined) or less than 4 inches spring rainfall, fall or winter applications are recommended.

Zorial 5G will not control emerged weeds. Established weeds or weeds that emerge before activation may be controlled with postemergent herbicides that bear labeling for use in the culture of alfalfa.

Weeds Controlled

Zorial 5G applications in alfalfa will control or suppress germinating seed of weed species listed below:

Control the following weeds:

Common Name	Scientific Name
Anoda, Spurred (Cottonweed)	<i>Anoda cristata</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Bluegrass, Annual	<i>Poa annua</i>
Brome, Downy	<i>Bromus tectorum</i>
Carpetweed	<i>Mullugo verticillata</i>
Cheat	<i>Bromus secalinus</i>
Chickweed	<i>Stellaria media</i>
Crabgrass	<i>Digitaria</i> spp.
Croton, Tropic	<i>Croton glandulosus</i>
Flixweed	<i>Descurainia sophia</i>
Foxtails	<i>Setaria</i> spp.
Goosegrass*	<i>Eleusine indica</i> *
Johnsongrass (seedling)	<i>Sorghum halepense</i>
Junglerice	<i>Echinochloa colona</i>
Mustards	<i>Brassica</i> spp.
<i>Panicum</i> spp.	<i>Panicum</i> spp.
Pigweeds	<i>Amaranthus</i> spp.
Purslane	<i>Portulaca oleracea</i>
Pusley, Florida	<i>Richardia scabra</i>
Rescuegrass	<i>Bromus catharticus</i>
Ryegrass, Italian (Annual Ryegrass)	<i>Lolium multiflorum</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Sida, Prickly	<i>Sida spinosa</i>
Signalgrass	<i>Brachiaria platyphylla</i>
Velvetleaf	<i>Abutilon theophrasti</i>

*Including dinitroaniline (DNA)-tolerant goosegrass

Suppress the following weeds:

Common Name	Scientific Name
Beggarweed, Florida	<i>Desmodium tortuosum</i>
Bermudagrass	<i>Cynodon dactylon</i>
Cocklebur, Common	<i>Xanthium strumarium</i>
Fiddleneck	<i>Amsinckia intermedia</i>
Groundsel	<i>Senecio vulgaris</i>
Henbit	<i>Lamium amplexicaule</i>
Johnsongrass (rhizome)	<i>Sorghum halepense</i>
Kochia	<i>Kochia scoparia</i>
Mallow, Venice	<i>Hibiscus trionum</i>
Malva	<i>Malva</i> spp.
Morningglory	<i>Ipomoea</i> spp.
Nutsedge, Yellow	<i>Cyperus esculentus</i>
Nutsedge, Purple	<i>Cyperus rotundus</i>
Ragweed, Common	<i>Ambrosia artemisiifolia</i>
Sage, Lanceleaf (Mintweed)	<i>Salvia retroflexa</i>
Sandbur	<i>Cenchrus</i> spp.
Senna, Coffee	<i>Cassia occidentalis</i>
Sesbania, Hemp	<i>Sesbania exaltata</i>
Sicklepod	<i>Cassia obtusifolia</i>
Smartweed, Pennsylvania	<i>Polygonum pensylvanicum</i>
Sowthistle	<i>Sonchus oleracea</i>
Spurge, Spotted	<i>Euphorbia maculata</i>
Thistle, Russian	<i>Salsola iberica</i>

Rotational Crop Restrictions

Soils with less than 65% sand in AZ and CA and all soils in AL, AR, FL, GA, LA, MS, NC, NM, OK, SC, TN, TX, and the portions of CO, KS, and MO south of I-70 treated with Zorial 5G may only be rotated to cotton, soybean, peanut, or asparagus within 16 months after application. Soybean and peanut may show pigment loss (bleaching in leaf veins) and/or stand reduction in TX (west of I-35), southwest OK, and NM if planted within 16 months following the last Zorial 5G application.

Soils with 65% sand or more in AZ and CA and all soils in ID, NV, OR, and WA treated with Zorial 5G may only be rotated to cotton, soybean, peanut, or asparagus within 16 months with a minimum of two summer periods after application. Additionally, intended rotational crops must be bioassayed prior to planting. Rotational crops may be planted when no signs of phytotoxicity (bleaching or pigment loss in leaf veins) are observed in bioassay plantings for 4 months following emergence.

Alfalfa stands treated with Zorial 5G should be irrigated as in normal production the year prior to rotation in AZ and CA.

STORAGE AND DISPOSAL**Storage**

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

Pesticide Disposal

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

Container Disposal

Completely empty bag into applicator equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals****CAUTION****Statement of Practical Treatment**

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

Personal Protective Equipment**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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 Control Statements

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

Do not contaminate water when disposing of equipment wash water. 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 allow this material to drift onto neighboring crops or noncrop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues, or other undesirable results may occur.

continued...

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PRECAUTIONARY STATEMENTS *(continued)*

Norflurazon can contaminate surface water through drift. Under some conditions, norflurazon may also have a high potential for runoff into surface water (primarily via dissolution in runoff water) for several months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

Zorial® trademark of Syngenta

©2001 Syngenta

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 840B-L2C 0201


NEXT

LABEL

100-840

3-16-2001

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	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number NOTIFICATION
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Application for Pesticide - Section I

1. Company/Product Number 100-840	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Evital 5G Granular Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION

MAR 16 2001

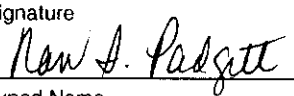
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Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
*Certification must be submitted If "Yes" Unit Packaging wgt. No. per Container		If "Yes" Unit Packaging wgt. No. per container	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nan S. Padgett	Title Label Group Leader	Telephone No. (Include Area Code) 336-632-7567
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Label Group Leader	
4. Typed Name Nan S. Padgett	5. Date March 5, 2001	

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NOTIFICATION

MAR 16 2001

Evital[®] 5G



**A GRANULAR
HERBICIDE**

For the control of
certain annual and
perennial weeds in
cranberries and alfalfa

Active Ingredient:	
Norflurazon: 4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3-(2 <i>H</i>)-pyridazinone	5.0%
Inert Ingredients:	95.0%
Total:	100.0%

KEEP OUT OF REACH
OF CHILDREN.

CAUTION

See back panel for
additional precautionary
statements.

EPA Reg. No. 100-840

EPA Est. 39578-TX-1

SCP 840A-L1B 0201

**50 POUNDS
NET WEIGHT**

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In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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Evital® 5G

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Control the following weeds:

Common Name	Scientific Name
Anoda, Spurred (Cottonweed)	<i>Anoda cristata</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Bluegrass, Annual	<i>Poa annua</i>
Brome, Downy	<i>Bromus tectorum</i>
Carpetweed	<i>Mullugo verticillata</i>
Cheat	<i>Bromus secalinus</i>
Chickweed	<i>Stellaria media</i>
Crabgrass	<i>Digitaria</i> spp.
Croton, Tropic	<i>Croton glandulosus</i>
Flixweed	<i>Descurainia sophia</i>
Foxtails	<i>Setaria</i> spp.
Goosegrass*	<i>Eleusine indica*</i>
Johnsongrass (seedling)	<i>Sorghum halepense</i>
Junglerice	<i>Echinochloa colona</i>
Mustards	<i>Brassica</i> spp.
<i>Panicum</i> spp.	<i>Panicum</i> spp.
Pigweeds	<i>Amaranthus</i> spp.
Purslane	<i>Portulaca oleracea</i>
Pusley, Florida	<i>Richardia scabra</i>
Rescuegrass	<i>Bromus catharticus</i>
Ryegrass, Italian (Annual Ryegrass)	<i>Lolium multiflorum</i>
Shepherdspurse	<i>Cassella bursa-pastoris</i>
Sida, Prickly	<i>Sida spinosa</i>
Signalgrass	<i>Brachiaria platyphylla</i>
Velvetleaf	<i>Aznilon theophrasti</i>

*Including dinitroaniline (DNA)-tolerant goosegrass

Suppress the following weeds:

Common Name	Scientific Name
Beggarweed, Florida	<i>Desmodium tortuosum</i>
Bermudagrass	<i>Cynodon dactylon</i>
Cocklebur, Common	<i>Xanthium strumarium</i>
Fiddleneck	<i>Amsinckia intermedia</i>
Groundsel	<i>Senecio vulgaris</i>
Henbit	<i>Lamium amplexicaule</i>
Johnsongrass (rhizome)	<i>Sorghum halepense</i>
Kochia	<i>Kochia scoparia</i>
Mallow, Venice	<i>Hibiscus trionum</i>
Malva	<i>Malva</i> spp.
Morningglory	<i>Ipomoea</i> spp.
Nutsedge, Yellow	<i>Cyperus esculentus</i>
Nutsedge, Purple	<i>Cyperus rotundus</i>
Ragweed, Common	<i>Ambrosia artemisiifolia</i>
Sage, Lanceleaf (Mintweed)	<i>Salvia retroflexa</i>
Sandbur	<i>Cenchrus</i> spp.
Senna, Coffee	<i>Cassia occidentalis</i>
Sesbania, Hemp	<i>Sesbania exaltata</i>
Sicklepod	<i>Cassia obtusifolia</i>
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</i>
Sowthistle	<i>Sonchus oleracea</i>
Spurge, Spotted	<i>Euphorbia maculata</i>
Thistle, Russian	<i>Salsola iberica</i>

Rotational Crop Restrictions

Soils with less than 65% sand in AZ and CA and all soils in AL, AR, FL, GA, LA, MS, NC, NM, OK, SC, TN, TX, and the portions of CO, KS, and MO south of I-70 treated with Evital 5G may only be rotated to cotton, soybean, peanut, or asparagus within 16 months after application. Soybean and peanut may show pigment loss (bleaching in leaf veins) and/or stand reduction in TX (west of I-35), southwest OK and NM if planted within 16 months following the last Evital 5G application.

Soils with 65% sand or more in AZ and CA and all soils in ID, NV, OR, and WA treated with Evital 5G may only be rotated to cotton, soybean, peanut or asparagus within 16 months with a minimum of two summer periods after application. Additionally, intended rotational crops must be bioassayed prior to planting. Rotational crops may be planted when no signs of phytotoxicity (bleaching or pigment loss in leaf veins) are observed in bioassay plantings for 4 months following emergence.

Alfalfa stands treated with Evital 5G should be irrigated as in normal production the year prior to rotation in AZ and CA.

CRANBERRIES

Apply Evital 5G as a single application in the early spring after removal of winter flood and before weed growth resumes or in the fall after harvest at least 2 weeks before winter flood. Only one application of Evital 5G per year (12 months) can be made.

Flooding after application may reduce weed control.

INJURY TO THE CRANBERRY PLANT MAY OCCUR WHERE APPLICATIONS OVERLAP OR WHERE WATER STANDS IN LOW WET AREAS OF A TREATED BOG.

APPLICATION RATES PER ACRE

80-120 lbs.	120-160 lbs.	160 lbs.
Barnyardgrass Needlegrass Rice cutgrass (Sicklegrass) Smoke grass	Broomsedge Bog rush Fall panicum Little bluestem (Poverty grass) Nutsedge (<i>Cyperus dentatus</i>) Red root Redtop grass Spike rush Summer grass	Stargrass Switchgrass Woolgrass

The rate of application will depend on many factors. Several are listed below.

Use Lower Rates Where One or More of the Following Exist	Use Higher Rates Where One or More of the Following Exist
Open, sanded, well-maintained bogs	A mat of vine and weed stems overlay the soil
Sprinkler irrigation	No sprinkler irrigation
Sandy soils, low in organic matter	Peat soils, high in organic matter
Perennial weed seedlings and young plants	Established perennial weed clumps
Stressed cranberry plants and sensitive varieties (Stevens and McFarlin)	Vigorous cranberry plants

Note: The following rates per acre should not be exceeded in any one year:

In a Newly Planted Bog	In an Established Bog
80 lbs.	160 lbs.

STORAGE AND DISPOSAL

Storage

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

Pesticide Disposal

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

Container Disposal

Completely empty bag into applicator equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals****CAUTION**

Harmful if absorbed through skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

Personal Protective Equipment**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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 Control Statements

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

Do not contaminate water when disposing of equipment wash water. Do not apply directly to water, or to areas where surface water is present (except for application to cranberry bogs) or to intertidal areas below the mean high water mark. Do not allow this material to drift onto neighboring crops or noncrop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues, or other undesirable results may occur.

Norflurazon used on alfalfa can contaminate surface water through spray drift. Under some conditions, norflurazon may also have a high potential for runoff into surface water (primarily via dissolution in runoff water) for several months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

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