F	U.S. ENVIROI			CTION	EPA Reg.	Date of Issuance:
UNITED STATES	Office o	AGENCY of Pesticide 1		S	Number:	
Dennor	Registra	tion Divisio	on (7505)		279-3319	
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	NOTICE OF PES	STICIDE			Term of Issuance:	
	<u>x</u> Registra				F	April 17, 2009
	Reregistr	ation			Name of Pesticide	Product:
	(under FIFRA, as a	amended)			Echelon 0.9	% Granular
					Herbicide of	n Fertilizer
	s of Registrant (include	e ZIP Code):	:			
FMC Corporation 1735 Market Stree						
Philadelphia, PA						
Note: Changes in label	ling differing in substance fro prior to use of the label in con					
number.		uncice. In any		ience on uns proc		
On the basis of inform	ation furnished by the registra	ant the above n	named needs	cide is hereby rec	istered/reregistered us	nder the Federal Insect
	cide Act. Registration is in no					
In order to protect heal	th and the environment, the A	Administrator. o	on his motio	n, may at any tin	ie suspend or cancel t	he registration of a pes
	Act. The acceptance of any					
	right to exclusive use of the n					
This product	is conditionally reg	ristered in	accorda	nce with F	IFRA sec. 3(c)	(7)(A) and (B)
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Page Number 2 EPA Reg. No. 279-3319

> 6. Under the "First Aid" section, in the "If Swallowed" statement, delete this sentence: "Do not give any liquid to the person.", and replace with "Have person sip a glass of water if able to swallow."

7. Under the "Precautionary Statement" make the following changes:

a. Revise the third sentence to read: "Avoid breathing dust."

b. Revise the fourth sentence to read: "Do not get on skin, in eyes or on clothing."

c. Add this statement: "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

8. Under "Sod Production" replace the word "Dismiss" with "Echelon".

9. Revise the "Pesticide Storage" statement to read: "Store product in original container only, away from other pesticides, fertilizer, food or feed. Reseal open bag by folding top down and securing. Store in a cool, dry place and avoid excess heat."

Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Joanne I. Miller Product Manager (23) Herbicide Branch Registration Division (7505P)

Enclosure

Draft1

ECHELON®

0.9% Granular Herbicide on Fertilizer

For Preemergence and early Postemergence Control of Crabgrass. Selective Preemergence and Postemergence Control of Annual Grasses, Broadleaf weeds and Sedges in Turf Sites Including Residential and Institutional Lawns, Athletic Fields, Commercial Sod Farms, Golf Course Fairways and Roughs, Roadsides, Utility right-of-ways, Railways and Industrial areas

EPA Reg. No. 279-3223 EPA Est. 279-

Active Ingredient: By Wt.	
Sulfentrazone: N-[2,4-dichloro-5-[4-(difluoro	
methyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4	
-triazol-1-yl]phenyl]methanesulfonamide	0.3%
Prodiamine: [N3,N3-Di-n-propyl-2,4-dinitro-	
6-(trifluoromethyl)-m-phenylenediamine	0.6%
Other Ingredients	<u>99.1%</u>
	100.0%

Contains 0.9% pounds of active ingredient per pound of product U. S. Patent No. 4,818,275

Guaranteed Analysis XX-X-XX

Total Nitrogen (N)	XX.XX %
XX.XX% Urea Nitrogen	
Soluble Potash (K2O)	XX.XX %
Sulfur (S) Total	
X.XX % Free Sulfur (S)	
X.XX % Combined Sulfur (S)	•
Iron (Fe) Total	. X.XX %
X.XX % Soluble Iron (Fe)	
Derived From: Poly Coated Sulfur Coated Ure	ea, Sulfate
Of Potash, Iron Sucrate.	
Chlorine (CI) Max.	X.XX %

FMC Corporation Agricultural Products Group Philadelphia PA 19103

ACCEPTED with COMMENTS In EPA Letter Dated:

APR 17 2007 Under the Federal Insecticide. Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

279-3319

KEEP OUT OF REACH OF CHILDREN CAUTION

See other panels for additional precautionary information.

FIRST AID			
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 treatment advice. 		
If on skin or clothing	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15- 20 minutes. Call a poison control center or doctor for treatment advice 		
If in eyes	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. 		
If Swallowed	 Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. 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 		
HOTLINE 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)-331-3148 for Emergency Assistance.			
For Information Regarding the Use of this Product Call 1- 800-321-1FMC (1362).			

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals) CAUTION

Causes moderate eye irritation. Harmful if inhaled, swallowed, or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. 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.

User Safety Recommendations:Users should:Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is toxic to marine/estuarine invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not contaminate water when disposing of equipment wash waters or rinsate. **Groundwater advisory**: Sulfentrazone is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Do not use on coarse soils classified as sand which have less than 1% organic matter. <u>Surface water advisory</u>: Sulfentrazone can contaminate surface water through spray drift. Under some conditions, sulfentrazone may also have a high potential for runoff into surface water (primarily via dissolution in runoff water), for several to many months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow groundwater, 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 over-lying tile drainage systems that drain to surface waters.

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 through any type of irrigation system.

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.

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.

Re-entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

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STORAGE AND DISPOSAL Do not contaminate water, food of feed by storage or disposal.

Pesticide Storage:Store product in original container only, in a cool, dry place and avoid excess heat.

Spill:In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: (800) 331-3148.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal: 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:** Empty contents of bag completely into application equipment. Empty bags may be disposed of by placing in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

General Information

Turf Use Instructions

Echelon is a selective pre-emergence and post-emergence turf herbicide for control of sedges, annual grass and broadleaf weeds in turf sites including residential and institutional lawns, athletic fields, commercial sod farms, golf course fairways and roughs.

Echelon turf herbicide is formulated as a herbicide on a fertilizer granule carrier containing 0.9 % active ingredient per pound of fertilizer carrier. The mode of action of Echelon turf herbicide involves uptake by both weed roots and shoots of existing weeds and prevention of growth by newly emerged weed seedlings.

Turf Application: Broadcast Echelon 0.9% Granular Herbicide on Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. A drop or rotary spreader designed to apply granular fertilizer, herbicide or insecticide is the preferred application of this product. Calibrate application equipment prior to application. Consult applicators manufacturer's operation manual for proper calibration and operation. Apply 0.643 to 2.9 pounds per 1,000 square feet to control broadleaf weeds and grasses (see Table 1 for application rates based on turf grasses).

Weed Control in Turfgrasses Use Precautions for Turf Use Turfgrass Safety This product may be used on seeded, sodded or sprigged turgrasses that are well established. First application of this product can be made following the second mowing providing the grass has developed into a uniform stand with a good root system. Turf injury could result from application of this product on turf that is not well established or has been weakened by stresses such as unfavorable weather conditions, disease, chemical or mechanical influences.

When applied as directed under the conditions described, the following established grasses are tolerant to Echelon at the recommended use rates in a range from 0.250 to 1.125 lb a.i./acre (28 to 125 lbs/acre or 0.643 to 2.9 lbs./1,000 sq. ft). Do not exceed 1.125 lbs a.i./acre (125 lbs of product) rate per calendar year.

Grass Type	Recommended Use Rates Do not exceed maximum use rates per turf species in a single applicationr			
Cool Season Grasses	lb ai/A	Lbs product per 1000 ft ²	Lbs product per acre	
Bentgrass, creeping[1] Fescue, fine* (Festuca rubra) Ryegrass, perennial (Lolium perenne)	0.25-0.375#	0.643 - 0.952	28 -41.5	
Bluegrass, Kentucky (Poa pratensis) Fescue, tall* (Festuca arundinacea)	0.50-0.75#	0.1.29 – 1.92	56- 83.5	
Warm Season Grasses		Lbs product per 1000 ft ²	Lbs product per acre	
Bahiagrass (Paspalum notatum) Buffalograss (Buchloe dactyloides) Carpetgrass (Axonopus affinis) Centipedegrass (Eremochloa ophuiroides) Kikuyugrass (Pennisetum clandestinum) Seashore Paspalum (Paspalum vaginatum) Zoysiagrass (Zoysia japonica)	0.50-0.75#	0.1.29 – 1.92	56- 83.5	
Bermudagrass (Cynodon dactylon) & hybrids	0.75-1.125#	1.92 – 2.9	83.5 -125	

Table 1. Tolerant grasses.

* Use of this product on certain varieties of Chewing Fine Fescue or Tall Fescue cultivars may result in undesirable injury.

Echelon may be applied twice per year if needed as long as total amount applied each application does not exceed the maximum single application rate.

[1] If bentgrass is mowed lower than 0.5 inches do not apply Echelon.

Not all varieties of grasses have been tested. Consult your local FMC Technical Representative for additional recommendations on application rates for your area or the country or variety types.

Table2.

Weed controlled from Pre- emergence application of Echelon

Common Name	Scientific Name
······································	
Barnyardgrass	(Echinochloa crus-galli)
Bluegrass annual 7	(Poa annua)
Carpetweed	(Mollugo verticillata)
Carolina Geranium	Geranium carolinianum
Chickweed, common 2	(Stellaria media)
Chickweed, mousear (from seed)	(Cerastium vulgatum)
Crabgrass (large, Smooth) 3	(Digitaria spp.)
Crowtootgrass	(Dactyloctenium aegyptium.)
Cupgrass, Woolly	(Eriochloa villosa)
Foxtails, Annual	(Setaria spp.)
Goosegrass 4	(Eleusine indica)
Hairy Bittercress	Cardamine hirsuta
Henbit 2	(Lamium amplexicaule)
Itchgrass	(Rottboellia exaltata)
Knotweed, prostrate	(Polygonum aviculare)
Kochia	(Kochia scoparia)
Kyllinga, green	(Kyllinga brevifolia)
Kyllinga, false	(Kyllinga gracillima)
Lambsquarters, common	(Chenopodium album)
Lovegrass	(Eragrostis spp.) (Cyperus esculentus)
Nutsedge, yellow	(Cyperus esculentus)
Pancium (Texas, Fall)	(Panicum spp.)
Pigweed, Redroot	(Amaranthus retroflexus)
Purslane, Common	(Portulaca oleracea)
Pusley, Florida	(Richardia scabra L.)
Sedge, globe	(Cyperus globulosus)
Sedge, cylindrical Sedge, Surinam	(Cyperus retrorsus)
Sedge, Surmam	(Cyperus surinamensis)
Sedge, Texas	(Cyperus polystachyos)
Shephardspurse 2	(Capsella bursa-pastoris)
Signalgrass, broadleat	(Brachiaria playphylla)
Speedwell	(Veronica spp.)
Sprangletop	(Leptochola spp.)
Spurge, prostrate	(Euphorbia humistrata)
Witchgrass	(Panicum capillare L.)
Woodsorrel, yellow (from Seed)	(Oxalis stricta)

Poa annua is a winter annual applications of Echelon should be made in August or September to established, non overseeded turf before Poa Annua germinates. Consult local Cooperative Extension Service for more specific applications timings for your local area since August – September are approximate timings.

- 2. Apply Echelon in late summer, fall or winter before weed germinates for control.
- 3. <u>Crabgrass control in cool season grasses from fall application:</u> Areas where the ground is subject to winter freezes, Echelon may be applied in the fall at rates listed in Table 1 for cool season grasses when soil temperatures are below 50F, but prior to the ground freezing. This will provide control of crabgrass the following spring.
- 4. In areas of extended growing season and heavy pressure weed control will be enhanced by second application of Echelon 60 -90 days after initial application

Postemergence Control of Annual, Biennial & Perennial Broadleaf Weeds

ECHELON herbicide will control or suppress the weeds listed in Table 3 when applied shortly after weeds have emerged. Do not exceed the application rate specified for the turf species in Table 1.

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Table 3. Weeds Controlled or Suppressed by Echelon herbicide when application made post emergence to weeds.

Black medic (Mea Buttercups (Ran Carolina geranium (Ger Carpetweed (Mol Chickweed, common (Stel Chickweed, mousear (Cer Clover (Trif Cudweed (Grad Dandelion (Tar Dock, Curly (Rum Evening primrose (Oen Fiddleneck (Ams Filaree (Eroo Goldenrod (Soli Ground ivy (Gleat Henbit (Lambsquarters, common Kochia (Koc Lawn burweed (Soli' Lespedeza, common (Lespedeza, common Mallow, common (Mallow)	ENTIFIC NAMES
Black medic (Med Buttercups Buttercups (Ran Carolina geranium Carolina geranium (Ger Carpetweed Chickweed, common (Stel Chickweed, mousear Chickweed, mousear (Cer Conquefoil Clover (Trift Cudweed Dandelion (Tran Dock, Curly Dock, Curly (Run Evening primose Filaree (Eroo Goldenrod Ground ivy (Gleat Henbit Knotweed, prostrate (Poly Kochia Knotweed, prostrate (Poly Kochia Lambsquarters, common (Che Lawn burweed Mallow, common (Lam	
Black medic (Med Buttercups Buttercups (Ran Carolina geranium Carolina geranium (Ger Carpetweed Carpetweed (Mol Chickweed, common Chickweed, mousear (Cer Chickweed, mousear Clover (Trift Cudweed Clover (Trift Cudweed Dandelion (Tard Dock, Curly Dock, Curly (Run Evening primose Filaree (Eroo Goldenrod Ground ivy (Gleat Henbit Knotweed, prostrate (Pol) Kochia Knotweed, prostrate (Pol) Kochia Lambsquarters, common (Che Lawn burweed Mallow, common (Last	damine spp.)
Buttercups (Ran Carolina geranium (Ger Carolina geranium (Ger Carpetweed (Mol Chickweed, common (Stel Chickweed, mousear (Cer Cinckweed, mousear (Cer Clover (Trif Cudweed (Gna Dandelion (Tara Dock, Curly (Run Evening primose (Den Fiddleneck (Ams Filaree (Eroo Goldenrod (Sofi Ground ivy (Gleatherbalt) Knotweed, prostrate (Pols) Kochia (Koc Lambsquarters, common (Chestherbalt) Lawn burweed (Sofi Mallow, common (Mallow)	licago lupulina)
Carolina geranium(GerCarpetweed(MolChickweed, common(StelChickweed, mousear(CerChickweed, mousear(CerChickweed, mousear(CerClover(Trificulty)Cudweed(GnaDandelion(TarDock, Curly(RunEvening primrose(OenFildeneck(AmsGoldenrod(SoliGround ivy(GleenKnotweed, prostrate(PolyKochia(KocLambsquarters, common(CheLawn burweed(SoliLespedeza, common(LespMallow, common(Mallow)	unculus spp.)
Carpetweed(MolChickweed, common(StelChickweed, mousear(CerCinquefoil(PoteClover(TrificultCudweed(GnaDandelion(TareDock, Curly(RunEvening primrose(OenFildleneck(AmsGoldenrod(SolidGround ivy(GleeHenbit(LamKnotweed, prostrate(PolyKochia(KocLambsquarters, common(CheLawn burweed(SolidMallow, common(Mallow)	anium carolinianum)
Chickweed, common(Stel.)Chickweed, mousear(Cer.)Cinquefoil(PoteClover(Trif.)Cudweed(GradDandelon(Tarif.)Dock, Curly(RunEvening primrose(OenFilaree(ErooGoldenrod(SolidGround ivy(GleenKnotweed, prostrate(PolyKochia(KocLambsquarters, common(CheLawn burweed(SolidMallow, common(Mallow)	lugo verticillata)
Chickweed, mousear(CenCinquefoil(PoteClover(Trif)Cudweed(GnaDandelion(Tarif)Dock, Curly(RunEvening primrose(OenFidaleneck(AmsFilaree(ErooGoldenrod(SolidGround ivy(GleeHenbit(LamKnotweed, prostrate(PolyKochia(KocLambsquarters, common(CheLawn burweed(SolidMallow, common(Mallow)	aria media)
Cinquefoil(PoteClover(IrifCudweed(GraDandelion(TaraDock, Curly(RunEvening primrose(OenFiddleneck(AmsFilaree(ErooGoldenrod(SolidGround ivy(GleatHenbit(Lambsquarters, commonKochia(KochiaLawn burweed(SolidLespedeza, common(LespMallow, common(Mallow)	astium vulgatum)
Clover(Trif CudweedCudweed(Gna OnadelionDandelion(Tar. Dock, CurlyWening primrose(Oen FiddleneckFiddleneck(Ams FilareeFilaree(Eroo GoldenrodGoldenrod(Soli Ground ivyGround ivy(Glect HenbitKnotweed, prostrate(Poly KochiaKnotweed, prostrate(Che Lambsquarters, commonLawn burweed(Soli Coli Lespedeza, commonMallow, common(Mallow)	entilla spp.)
Cudweed(GnaDandelion(TaraDock, Curly(RunEvening primrose(DenFiddleneck(AmsFilaree(EronGoldenrod(SolitGround ivy(GleetHenbit(LamsKnotweed, prostrate(Pol)Kochia(KocLambsquarters, common(CheLawn burweed(SolitLespedeza, common(LespMallow, common(Mallow)	olium spp.)
Dandelion(TareDock, Curly(RunEvening primrose(DenFiddleneck(AmsFilaree(EronGoldenrod(SoliGround ivy(GleeHenbit(LamKnotweed, prostrate(Pol)Kochia(KocLambsquarters, common(CheLespedeza, common(LespMallow, common(Mallow)	phalium spp.)
Dock, Curly(RunEvening primrose(OenFiddleneck(AmsFilaree(EroorGoldenrod(Soli,Ground ivy(GleenHenbit(LamKnotweed, prostrate(Pol)Kochia(Kochia)Lawn burweed(Soli)Lespedeza, common(LespMallow, common(Mallow)	ixacum officinale)
Evening primose(OenFiddleneck(AmsFilaree(ErooGoldenrod(SoliGround ivy(GleatHenbit(LamKnotweed, prostrate(Pol)Kochia(KocLambsquarters, common(CheLawn burweed(SoliLespedeza, common(LespMallow, common(Mallow)	ex crispus)
Fiddleneck(AmsFilaree(ErooGoldenrod(SoliGround ivy(GleatHenbit(LamKnotweed, prostrate(PolyKochia(KocLambsquarters, common(CheLawn burweed(SolitLespedeza, common(LespMallow, common(Mallow)	othera biennis)
Filaree (Eroo Goldenrod (Soli Ground ivy (Gleat Henbit (Lam Knotweed, prostrate (Poly Kochia (Koc Lambsquarters, common (Che Lespedeza, common (Lesp Mallow, common (Mall	inckia spp.)
Goldenrod (Soli Ground ivy (Glee Henbit (Lam Knotweed, prostrate (Pol) Kochia (Koc Lambsquarters, common (Che Lawn burweed (Soli Lespedeza, common (Lesp Mallow, common (Mal	lium spp.)
Ground ivy (Glee Henbit (Lam Knotweed, prostrate (Pol) Kochia (Koc Lambsquarters, common (Che Lawn burweed (Solir Lespedeza, common (Lesp Mallow, common (Mal	dago spp.)
Henbit(LamKnotweed, prostrate(Pol)Kochia(KocLambsquarters, common(CheLawn burweed(SolitLespedeza, common(LespMallow, common(Mallow)	chema hederacea)
Knotweed, prostrate(Pol)Kochia(KocLambsquarters, common(CheLawn burweed(SoliLespedeza, common(LespMallow, common(Mal	ium amplexicaule)
Kochia(KocLambsquarters, common(CheLawn burweed(SolitLespedeza, common(LespMallow, common(Mallow)	gonum aviculare)
Lambsquarters, common (Che Lawn burweed (Soli Lespedeza, common (Lesp Mallow, common (Mal	hia scoparia)
Lespedeza, common (Lesp Mallow, common (Mal	nopodium album)
Lespedeza, common (Lesp Mallow, common (Mal	va plerosperma)
Mallow, common (Mal	edeza striata)
11/10/1	va neglecta)
	emilla arvensis)
	ranthus retroflexus)
	ranthus albus)
	ricaria matricarioides)
	tago lanceolata)
Puncture weed (Trib	ulus terrestris)
	ulaca oleracea)
	ardia scabra)
	chia corchorifolia)
	nbrium irio)
	gonum pensylvanicum)
	ex acetosella)
	nica spp.)
	horbia spp.)
Spurge, prostrate (Eup)	horbia humistrata)
Spurge, spotted /Fun	horbia maculata)
Spurge, spotted (Eup. Star of Bethlehem (Orni	thogalum umbellatum)
Velvetleaf (Abu	nion theophrasti)
	a pratincola)
Wild onion (Allin	IN VINEILEI
Woodsorrel, creeping (Oxa	m vineale) m canadense)
Woodsorrel, yellow (Oxa	m vineule) m canadense) lis corniculata)

Application to reseeded, overseeded or sprigged areas:

Reseeding, overseeding or sprigging of treated areas within three to twelve (3 -6) months* after application of this product could inhibit the establishment of desirable grasses. [See table 4 for exact intervals from application].

Best results are obtained for reseeding or overseeding when mechanical or power seeding equipment (slit seeders) are used to give good seed to soil contact and proper soil cultivation, irrigation and fertilization practices are followed.

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Table 4

Total Amount of Echelon 0.16%Applied	Interval (Months Before Overseeding)		
Lbs. Product/A	North	Transition	South
28 - 56	3	3	3
84	4	4	4
125	6	5	5

*Overseeding Intervals after Echelon application/s.

Sod Production:

It is recommended that sod be established for at least six (6) months before an application of Dismiss turf herbicide.

Do not apply this product within three (3) months of harvest.

Other Use Precautions:

Do not apply to golf course putting greens or tees.

Do not use on turgrasses other than those listed on this label.

Do not graze or feed livestock forage cut from areas treated with Echelon turf herbicide.

Do not apply directly to landscape ornamentals or ornamental beds. Applications in ornamental beds may cause damage to bulbs and existing plants.

Do not apply to areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

Do not apply to creeping bentgrass if mowing height is less than 0.5 inch.

Do not harvest treated sod before 90 days after application.

Do not apply to newly set sod until the sod has rooted and exposed edges have grown in.

APPLICATION INSTRUCTIONS For: Railroad Rights-of-Way

Echelon herbicide can be used to control many weeds and maintain bare ground on railroad rights-of-way, including railroad yards, railroad crossings and railroad bridge abutments.

Highway, Roadside, Pipeline and Utility Rights-of-Way.

Echelon Herbicide can be used to control many weeds and maintain bare ground in highway, roadside, pipeline and utility rights-of-way, Such areas would include, but are not limited to, guard rails, road shoulders, electric utility substations, pipeline pumping stations, around electric transmission towers, around distribution line poles and in other areas where complete vegetation control is desired.

Industrial Areas, Fence Rows and Other Non-crop Sites

Echelon Herbicide is recommended to control weeds and maintain bare ground in industrial areas including production facilities, tank farms, storage areas, parking areas, lumber yards, airports, military installations, along fence rows, and in similar non-crop sites where complete vegetation control is needed.

Method and Rate of Application

For residual control of germinating weeds in non-crop land, apply this product as a broadcast treatment at 83.5 to 125 pounds of product (0.75 to 1.125 pounds active ingredient) per acre by ground equipment.

DO NOT apply Echelon Herbicide to soils classified as sand with less than 1% Organic Matter.

Timing

For best results, apply Echelon Herbicide alone in late summer, fall, or early spring to insure adequate moisture for soil activation.

Weeds Controlled

Echelon when applied at 83.5 to 125 pounds of product per acre, will control the following weeds in non-cropland areas (Table 5). Use the higher labeled rates to extend length of control. Use the higher rates on sites with fine soil textures and on sites with more than 2% organic matter.

Weeds controlled from pre- emergence application of Echelon to bare ground prior to weed seed germination.

Table 5

Common Name	Scientific Name
Barnyardgrass	(Echinochloa crus-galli)
Bluegrass annual 1	(Poa annua)
Carpetweed	(Mollugo verticillata)
Carolina Geranium	Geranium carolinianum
Chickweed, common 2	(Stellaria media)
Chickweed, mousear (from seed)	(Cerastium vulgatum)
Crabgrass (large, Smooth) 3	(Digitaria spp.)
Crowfootgrass	(Dactyloctenium aegyptium.)
Cupgrass, Woolly	(Eriochloa villosa)
Foxtails, Annual	(Setaria spp)
Goosegrass 4	(Eleusine indica)
Hairy Bittercress	Cardamine hirsuta
Henbit 2	(Lamium amplexicaule)
Itchgrass	(Rottboellia exaltata)
Knotweed, prostrate	(Polygonum aviculare)
Kochia	(Kochia scoparia)
Kyllinga, green	(Kyllinga brevifolia)
Kyllinga, false green	
Lambsquarters, common	(Chenopodium album)
Lovegrass	(Eragrostis spp.)
Nutsedge, yellow	(Cyperus esculentus)
Nutsedge, purple	(Cyperus rotundus)
Nutsedge, purple Pancium (Texas,Fall)	(Panicum spp.)
Pigweed, Redroot	(Amaranthus retroflexus)
Purslane, Common	(Portulaca oleracea)
Pusley, Florida	(Richardia scabra L.)
Sedge, globe	(Cyperus globulosus)
Sedge, cylindrical Sedge, Surinam Sedge, Texas	(Cyperus retrorsus)
Sedge, Surinam	(Cyperus surinamensis)
Sedge, Texas	(Cyperus polystachyos)
Shephardspurse 2	(Capsella bursa-pastoris)
Signalgrass, broadleaf	(Brachiaria playphylla)
Signalgrass, broadleaf Speedwell	(Veronica spp.)
Sprangletop	(Leptochola spp.)
Spurge, prostrate	(Euphorbia humistrata)
Witchgrass	(Panicum capillare L.)
Woodsorrel, yellow (from Seed)	(Oxalis stricta)

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 beyond the control or FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

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