

62719-431

08/30/2002

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 05-31-98



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other (with X)

OPP Identifier Number Page 1 of 2 281698

Application for Pesticide - Section I

1. Company/Product Number: Dow AgroSciences/62719-431
2. EPA Product Manager: Joanne I. Miller
3. Proposed Classification: None/Restricted
4. Company/Product (Name): Dow AgroSciences/ VISOR* 2E
5. Name and Address of Applicant: Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268
6. Expedited Review: NOTIFICATION AUG 30 2002

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

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

Please see Page 2

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic, Glass, Paper, Other. 3. Location of Net Contents Information: Label, Container. 4. Size(s) Retail Container. 5. Location of Label Directions: On Label, On Labeling accompanying product. 6. Manner in Which Label is Affixed to Product: Lithograph, Paper glued, Stenciled, Other.

Section - IV

1. Contact Point /Complete items directly below for identification of individual to be contacted, if necessary, to process this application. Name: John J. Jachetta, Ph D, Title: Regulatory Manager, Telephone No.: 317/337-4686. Certification: I certify that the statements I have made on this form... 2. Signature: [Handwritten Signature], 3. Title: Regulatory Manager, 4. Typed Name: John J. Jachetta, Ph D, 5. Date: August 12, 2002, 8. Date Application Received (Stamped)



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
Page 2 of 2
281698

Application for Pesticide - Section I

1. Company/Product Number Dow AgroSciences/62719-431	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dow AgroSciences/VISOR* 2E	PM# PM /23	
5. Name and Address of Applicant (Include ZIP Code) Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268 <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.

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

Proposed Changes by Notification:

Notification of Change in Brand Name: The brand name for the EPA registered product, "Visor* 2E Herbicide" is being changed to "Visor* 2E" with the generic descriptor "Herbicide". In the Dow AgroSciences naming convention, the "generic descriptor" is not included as part of the brand name. NOTE: Dow AgroSciences intends to change the EPA registered product, "Mandate* 2E Herbicide" and alternate brand name for "Visor 2E" to Mandate* 2E" with the generic descriptor "Herbicide". Both products have the same EPA Reg. No. 62719-431. The label for Mandate 2E is based on the current EPA accepted copy for Visor 2E. The labels for Visor 2E and Mandate 2E are identical in all respects, except for brand name and the geographic restrictions. The label for Visor 2E specifies "For Use in All States except Florida, Louisiana and Texas. Alternatively, the label for Mandate 2E specifies "For Use in Florida, Louisiana and Texas Only".

Section - IV

1. Contact Point /Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name John J. Jachetta, Ph D	Title Regulatory Manager	Telephone No. (Include Area Code) 317/337-4686
<p style="text-align: center;">Certification</p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowing false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>		3. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Manager	
4. Typed Name John J. Jachetta, Ph D	5. Date August 12, 2002	

* Trademark of Dow AgroSciences LLC

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Base Label:

(Logo) Dow AgroSciences

NOTIFICATION

AUG 30 2002

Visor*2E

A selective herbicide for the preemergence control of listed annual grasses and broadleaf weeds in oranges and grapefruit

For Use in All States Except Florida, Louisiana and Texas

Active Ingredient

thiazopyr: 3-pyridinecarboxylic acid, 2-(difluoromethyl)-5-(4,5-dihydro-2- thiazolyl)-4-(2-methylpropyl)-6- (trifluoromethyl)-methyl ester	22.3%
Inert Ingredients	77.7%
Total	100.0%

Contains petroleum distillates

Contains 240 grams per liter or 2 pounds per U.S. gallon of the active ingredient.

Product protected by U.S. Patent No. 4,988,384. Other patents pending.

Keep Out of Reach of Children

WARNING AVISO

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

Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful if Swallowed or Inhaled • Causes Substantial but Temporary Eye Injury

Do not get in eyes or on clothing. Avoid contact with skin.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Protective eyewear
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, such as Nitrile or Neoprene

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.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meet 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.

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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.

First Aid

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

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 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: May pose an aspiration pneumonia hazard.

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 1-800-992-5994 day or night, for emergency treatment information.

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 by cleaning of equipment or disposal of equipment washwaters.

This chemical 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 ground-water contamination.

Under some conditions, this product may have a 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 ground water, areas with infield 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.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for Directions for Use including Storage and Disposal.

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

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

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

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EPA Reg. No. 62719-431

EPA Est. _____

*Trademark of Dow AgroSciences LLC

Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Herbicide

Net Contents __ gal

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Label Booklet:

(Logo) Dow AgroSciences

Visor*2E

A selective herbicide for the preemergence control of listed annual grasses and broadleaf weeds in oranges and grapefruit

For Use in All States Except Florida, Louisiana and Texas

Active Ingredient

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(trifluoromethyl)-methyl ester 22.3%

Inert Ingredients 77.7%

Total 100.0%

Contains petroleum distillates

Contains 240 grams per liter or 2 pounds per U.S. gallon of the active ingredient.

Product protected by U.S. Patent No. 4,988,384. Other patents pending.

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Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to inside of label booklet for Precautionary Statements and Directions for Use including Storage and Disposal.

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

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EPA Reg. No. 62719-431

EPA Est. _____

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Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Herbicide

Net Contents __ gal

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Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

Harmful if Swallowed or Inhaled • Causes Substantial but Temporary Eye Injury

Do not get in eyes or on clothing. Avoid contact with skin.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Protective eyewear
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, such as Nitrile or Neoprene

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.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meet 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.

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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.

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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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Note to Physician: May pose an aspiration pneumonia hazard.

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 1-800-992-5994 day or night, for emergency treatment information.

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 by cleaning of equipment or disposal of equipment washwaters.

This chemical 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 ground-water contamination.

Under some conditions, this product may have a 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 ground water, areas with infield 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. Read all Directions for Use carefully before applying.

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 over long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, such as Nitrile or Neoprene
- Protective eyewear

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

Storage: Store this product under dry conditions (between 14°F and 104°F). If crystals develop, place in a warm area (40°F) until crystals re-dissolve.

Pesticide Disposal: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

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

Steps to be Taken in Case Material is Released or Spilled: In case of spill, observe all protective and safety precautions when cleaning up spills. Dispose of material according to "pesticide disposal" directions listed above.

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Use Directions for Grapefruit, Sour Orange, Sweet Orange For Use in Permanently Established Groves

General Information

Visor* 2E herbicide controls most annual grasses and certain broadleaf weeds in oranges and grapefruit. Visor 2E can also be applied to new plantings.

For enhanced preemergence control of susceptible grass and broadleaf weeds, Visor 2E may be applied in tank mixture with the following herbicides: Devrinol Herbicide, diuron, Goal* 2XL herbicide, Hyvar Herbicide, Krovar Herbicide, simazine, or Solicam Herbicide.

Visor 2E controls susceptible weeds as they germinate and is not active on emerged weeds. When applying postemergence herbicides such as paraquat (Gramoxone Herbicide) glyphosate (Roundup Herbicide) or glyphosate-trimesium (Touchdown Herbicide), Visor 2E may be applied concurrently as a tank-mix partner. Read and follow all labeling for tank-mix partners.

Dosage

For mid-to-long-term control, apply Visor 2E at a rate of 2 to 4 pints per broadcast acre. Use higher rates where heavy weed pressure is anticipated, or where medium or fine textured soils exist. For short-term control, apply Visor 2E at a rate of 1 to 2 pints per broadcast acre. For season-long control, multiple applications may be required. Do not exceed 4 pints of Visor 2E per acre per year.

Soil Textures are defined as follows:

Coarse	Sand, sandy loam, loamy sand
Medium	Loam, silt loam, silt
Fine	Sandy clay loam, silty clay loam, clay loam, sandy clay, silty clay, clay

Dosages described on this label are for broadcast applications. For banded application, the amount of Visor 2E used per acre should be reduced according to the following formula:

$$\begin{array}{l} \text{Band width in inches} \\ \text{Row width in inches} \end{array} \times \begin{array}{l} \text{Rate per} \\ \text{Broadcast Acre} \end{array} = \begin{array}{l} \text{Amount needed per Acre} \\ \text{of Banded Application} \end{array}$$

Weeds Controlled Preemergence

At dosages given above, Visor 2E will provide preemergence control or growth suppression of the following annual weeds:

Annual Grasses Controlled

Alexandergrass	Foxtail, Giant	Junglerice
Barley, Little	Foxtail, Green	Natalgrass
Barnyardgrass	Foxtail, Yellow	Sandbur, Field
Brome, Ripgut	Goosegrass	Shattercane
Canarygrass	Guineagrass	Signalgrass, Broadleaf
Crabgrass, Large	Itchgrass	Sprangletop
Crowfootgrass		

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Annual Broadleaf Weeds Controlled/Suppressed

Beggarweed, Florida	Malva	Redmaids
Carpetweed	Mustard species	Rocket, London
Chickweed	Nightshade, black	Shepherdspurse
Eclipta	Pigweed	Sowthistle, Annual
Groundsel, Common	Purslane, Common	Spurge (Annual Species)
Lambsquarters, Common	Ragweed, Common	

Nutsedge Species

Visor 2E at rates of 2 to 4 pints (0.5 to 1.0 lb. active) per acre, provides a significant level of nutsedge suppression, particularly on light (coarse) texture, low organic matter (< 1.0% OM) soils. Best results are achieved at highest rates and when sufficient rainfall or irrigation follows application (prior to emergence of nutsedge).

Method of Application

Visor 2E should be directed to the soil. Avoid direct spray or drift on to citrus foliage, flowers or fruit. Apply in 20 or more gallons of water or fluid fertilizer solution to provide uniform spray distribution and coverage to the soil surface. Use higher volumes to ensure adequate soil coverage in high densities of emerged weeds or heavy trash. Use a low pressure sprayer. Spray equipment should be calibrated carefully before each use.

Proper Handling Instructions

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment. Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

Mixing Directions

Fill the spray tank at least one-third full of clean water or fluid fertilizer solution. A compatibility test is suggested before tank mixing this product with fertilizers and/or other pesticides (refer to the **Standard Sprayable Fluid Fertilizer Compatibility Test** section at the end of this label). With the pump and

agitator running, add the recommended amount of herbicides to the spray tank. Complete filling of the tank to the desired quantity. Maintain agitation until spraying is completed.

Cultural Considerations

Visor 2E provides maximum activity, when uniformly distributed. Prior to application, the soil surface should be smooth and relatively free of crop and weed trash (decaying leaves, clippings, dead weeds, etc.). Leaves may be removed by blowing the area to be treated or by reducing the amount of surface mulch prior to application.

For best results, apply prior to weed germination. Visor 2E controls weeds as they germinate and is not active on emerged weeds. Emerged weeds **must** be destroyed either with tillage prior to application with a postemergence herbicide, such as paraquat (Gramoxone), glyphosate (Roundup) or glyphosate-trimesium (Touchdown) to remove existing vegetation. Visor 2E may be applied concurrently as a tank-mix partner.

Visor 2E can remain on the soil surface for up to 4 weeks without moisture for activation; however, best results are achieved when rainfall or irrigation occur within 7 days after application to position this product into the weed seed germination zone. Maximum activity is obtained when applications are made to dry soil immediately prior to rainfall or irrigation.

Tank Mixes with Visor 2E

Important: Read and follow container labels of tank-mix partners and use as directed by labeling. Follow the most restrictive labeling.

For a broader spectrum of control of grass and broadleaf weeds, Visor 2E may be tank mixed with the following herbicides: Devrinol Herbicide, diuron, Goal 2XL, Hyvar Herbicide, Krovar Herbicide, simazine, or Solicam Herbicide.

When applying postemergence herbicides such as paraquat (Gramoxone Herbicide) glyphosate (Roundup Herbicide) or glyphosate-trimesium (Touchdown Herbicide), Visor 2E may be applied concurrently as a tank mix partner. Read and follow all labeling for tank-mix partners.

Specific Use Restrictions

Read and observe all label directions before using. When tank mixing, always read and follow product labeling.

- Do not apply Visor 2E within 90 days of harvest.
- Do not apply more than 4 pints (1.0 lb. active) of Visor 2E per broadcast acre per year.
- Avoid direct spray or drift on to citrus foliage, flowers or fruit.
- Do not contaminate irrigation water or water used for domestic purposes.
- Do not feed or allow any animals to graze on any areas treated with Visor 2E.
- Visor 2E should be applied only by ground application equipment except as specifically directed.
- Do not apply when weather conditions favor drift. Avoid drift to all non-target areas.
- Thoroughly flush spray equipment (tank, pump, hoses and boom) with clean water before and after each use.
- Do not apply this product to any area in which an endangered species has been identified or in such a manner that drift from applications of this product would result in destroying an endangered species. This limitation applies only to areas that have been identified by and are protected by State and Federal Agencies.
- Do not apply Visor 2E to fields where a significant portion (10% or more) contain the following soil series: Briones, Rositas or Uhland.

- In fields where the depth to groundwater is less than 25 feet and flood irrigation is utilized, do not apply Visor 2E to fields where a significant portion (10% or more) contain the following soil series: Cortina, Decordova, Delhi, Indio or Myoma.
- **Chemigation: Do not apply this product through any type of irrigation system.**

Standard Sprayable Fluid Fertilizer Compatibility Test

Herbicides may not always mix evenly throughout a sprayable fluid fertilizer or the components may separate too quickly to make their combined use of practical value. This may be due to certain characteristics of the different fluid fertilizers. A simple test using small quantities of the components is suggested to provide compatibility potential. The test follows:

A. Materials Required For A Compatibility Test

1. Two one-quart jars with lid or stopper (marked "with" and "without").
2. Teaspoons (for a more exacting test, a five to ten milliliter (ml.) pipette or graduated cylinder is desirable).
3. Sprayable fluid fertilizer to be tested.
4. The herbicide chemicals to be mixed.
5. A compatibility agent if needed to keep the fertilizer and crop protection chemical in suspension.

B. Procedure

1. Add one pint of the sprayable fluid-fertilizer that will be used or other herbicide carrier to each jar marked "with" and "without".

ADD ONE PINT LIQUID FERTILIZER TO BOTH QUART JARS.

2. To the jar marked "with", add 1/4 Teaspoon or 1.2 milliliters of a suitable compatibility agent; shake gently for five to ten seconds to mix. (1/4 Teaspoon in one pint is the equivalent of two pints per 100 gallons of liquid.

TO JAR MARKED "WITH" ADD COMPATIBILITY AGENT AND SHAKE TO MIX.

3. To each jar add the appropriate amount of herbicide(s). If more than one is used, add them separately with the wettable powders or dry flowables added first, flowables second and liquid last. Shake gently five to ten seconds after each addition.

ADD HERBICIDE(S) TO BOTH JARS AND SHAKE TO MIX.

Amounts to be added per pint of sprayable fluid fertilizer (assuming volume is 25 gallons/acre):

Herbicide	Rate/Acre		Level Teaspoons
Wettable Powders or Dry Flowables	1 lb	=	1.5
	2 lb	=	3
	3 lb	=	4.5
	4 lb	=	6
	5 lb	=	7.5

Herbicide	Rate/Acre		Level Teaspoons		Milliliters
Emulsifiable Concentrate, Flowables, Liquids, or Solutions	1 pint		0.5	or	2.4
	1 quart	=	1	or	4.7
	2 quarts	=	2	or	9.5
	3 quarts	=	3	or	14.2
	1 gallon	=	4	or	19.0
	5 quarts	=	5	or	23.8

This compatibility test is designed for 25 gallons of spray per acre with the maximum labeled rate of herbicide. For changes in spray volume or herbicide rate, make appropriate changes in the ingredients of the test. Regardless of spray volume, the amount of compatibility agent should be equal to two or three pints per 100 gallons of liquid fertilizer (two pints = 1/4 Teaspoon or 1.2 milliliters, three pints = 3/8 Teaspoon or 1.8 milliliters per pint of sprayable fluid fertilizer).

C. Observations and Decisions

1. If the herbicide(s) and the sprayable fluid fertilizer are compatible.
2. If a compatibility agent is necessary.

Five minutes after the final addition and mixing, observe both jars for the formation of large flakes, sludge, gels or other precipitates. Observe if the herbicide(s) cannot be physically mixed with the liquid fertilizer but remains as small oily particles in the solution.

If incompatibility in any form as described above occurs in the jar "with" the compatibility agent added, the liquid fertilizer and the herbicide(s) should not be used together in the same spray tank.

If incompatibility as described above occurs in the jar "without" the adjuvant but not in the jar "with" adjuvant, the use of a compatibility adjuvant is recommended.

Both jars should be allowed to stand and be observed periodically for one-half hour. If the separate layers of liquid fertilizer and additives can be resuspended by shaking, commercial application is possible. An emulsifiable concentrate normally will go to the top after standing; wettable powders will either settle to the bottom of the tank or jar, or float to the top, depending upon the density of the fertilizers.

If the herbicide(s) is compatible with fluid fertilizer in the foregoing test without having to use a compatibility agent, fluid fertilizer may be used for the premixing. If it is not compatible without the compatibility agent, the herbicide(s) should be premixed with water before adding to the spray tank.

Terms and Conditions of Use

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

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

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

Limitation of Remedies

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

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

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

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

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