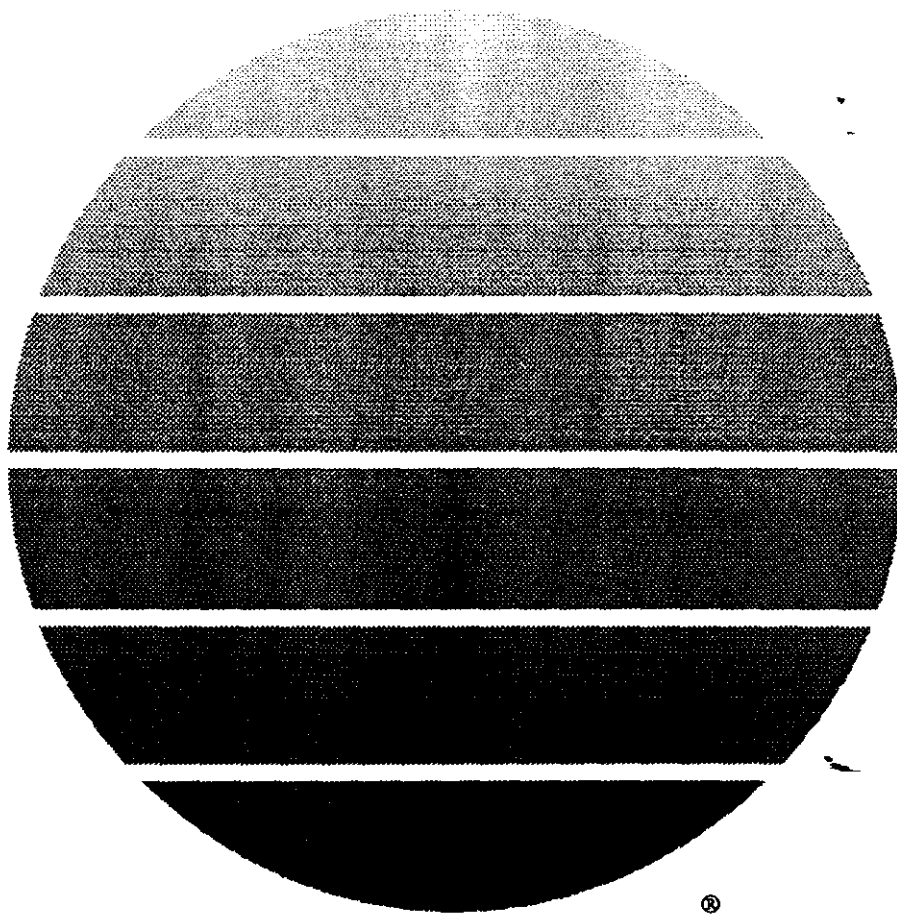




Basis[®]

herbicide

DRAFT LABEL



“..... A Growing Partnership With Nature”

BASIS® HIGHLIGHTS

- BASIS® provides selective preplant, preemergence, and postemergence grass and broadleaf weed control in field corn.
- BASIS® preplant and preemergence use rate is 1/3 - 1 oz. product per acre. (When packaged in water-soluble packets, one packet contains 1 1/3 oz. product which treats 1.33 - 4 acres.)
- BASIS® postemergence use rate is 1/3 oz. product per acre. (When packaged in water-soluble packets, one packet contains 1 1/3 oz. product which treats 4 acres.)
- BASIS® may be applied by ground (broadcast or band) or by air.
- For best postemergence results apply in:
 - 15 gal of water per acre at 20-40 PSI with flat fan nozzles.
 - A four acre formula of:
 - 1 1/3 oz BASIS® or one soluble packet when packaged in water-soluble packets.
 - 5 pints of crop oil concentrate
 - 2 gallons of 28-0-0
- BASIS® may be tank mixed with certain grass and broadleaf herbicides. See **Tank Mix Applications**.
- Applications of BASIS® to grasses or corn under stress may result in less than desirable performance. See **Environmental Conditions**.
- Consult label text for complete instructions. Always read and follow label directions for use.

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Basis[®]

herbicide

For use in Field Corn

This product is a water-dispersible granule containing 75% active ingredient by weight.

Active Ingredient	By weight
<i>Rimsulfuron</i> <i>N((4,6-dimethoxy-2-pyridin-2-yl)aminocarbonyl)-3-(ethylsulfonyl)-2-pyridinesulfonamide</i>	50%
<i>Thifensulfuron methyl</i> <i>Methyl 3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]-2-thiophenecarboxylate</i>	25%
Inert Ingredients	25%
TOTAL	100%

EPA Reg. No. 352-571

ACCEPTED

MAR 30 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-571

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush immediately with plenty of water.

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

If swallowed: No specific intervention is indicated as the compound is not likely to be hazardous by ingestion. However consult a physician if necessary.

For medical emergencies involving this product, call toll-free 1-800-441-3637.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution! Causes eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist.

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.

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.

ENVIRONMENTAL HAZARDS

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 wastes.

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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 4 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.

BASIS® should be used only in accordance with recommendations on this label or in supplemental DuPont publications. DuPont will not be responsible for losses or damage resulting from use of this product in any manner not specifically recommended by DuPont.

APPLICATION INFORMATION

DuPont BASIS® Herbicide is a selective herbicide for control of certain annual grass and broadleaf weeds in corn.

BASIS® is a water dispersible granule containing 75% active ingredient by weight.

- Make only one application of BASIS® per season.
- Do not apply to field corn grown for seed, to popcorn, or to sweet corn.
- BASIS® may be applied to "food grade" (yellow dent field corn with hard endosperm) and waxy field corn of greater than 88 day Relative Maturity (RM). Not all "food grade" or waxy field corn hybrids of less than 88 day RM have been tested, nor does DuPont have access to all seed company data. Consequently, injury arising from the use of BASIS® on "food grade" or waxy hybrids with a maturity rating of 88 day RM or less is the responsibility of the user.
- Not all Hi-Lysine, or high oil corn have been fully tested for crop safety, nor does DuPont have access to all seed company data. Consequently, DuPont is not responsible for any corn

injury arising from the use of BASIS® on these specialty corn. Consult with your seed supplier before applying BASIS® to any of the corn types.

PREEMERGENCE AND BURNDOWN APPLICATIONS IN THE FALL

BASIS® Herbicide may be applied after harvest but before the ground freezes for fall burndown of certain existing winter annual weeds with limited preemergence control of some early-emerging spring annual grass and broadleaf weeds the following spring, providing a cleaner seedbed for spring planting. Field corn may be planted in the spring following a fall application of BASIS®. A cleaner seedbed is less attractive to cutworm moths and stink bugs. Some weeds such as Henbit may be alternate hosts for soybean cyst nematodes. Reducing weed populations may help reduce pressure from these pests in subsequent crops.

Rate

Apply 1/3 - 1/2 oz. BASIS® per acre alone or in combination with other herbicides registered for fall application. Do not apply to coarse soils (sand, loamy sandy or sandy loam) with less than 1% organic matter. Make only one application of BASIS® in the fall. The following spring, weed control programs in field corn may include products containing rimsulfuron or nicosulfuron such as DuPont ACCENT®, ACCENT® GOLD™, or BASIS GOLD®. Follow the crop rotation intervals and directions provided on the labels for each of these products.

Adjuvants

Add crop oil concentrate at the rate of 1% v/v (1 gallon per 100 gallons of spray solution) PLUS an ammonium nitrogen fertilizer such as 28-0-0 at the rate of 2 qts./A or ammonium sulfate (21-0-0) at 2-4 lbs./A.

Tank Mix Applications

BASIS® may be tank mixed with labeled herbicide products such as DuPont EXPRESS® or products containing 2,4-D or atrazine for expanded weed control; refer to the other product's label for rotational crop intervals and other directions for use. The most restrictive provision on either label shall apply.

Weeds Controlled

BASIS® may be applied after harvest but before the ground freezes to suppress populations of the following emerged weeds and to provide suppression of early-emerging spring annuals as follows:

Burndown or postemergence weed control:

Apply to weeds up to 3 inches tall when weeds are actively growing for suppression of:

Bittercress	Downy brome
Catchweed bedstraw	Henbit
Chickweed	Pennycress
Dandelion	Speedwell

Limited residual control or suppression the following spring of:

Bittercress	Smartweed, Yellow foxtail
Dandelion, Giant foxtail	Speedwell
Lambsquarter	Sunflower, Green foxtail
(including triazine resistant)	

Apply 1/3 to 1/2 ounce of BASIS® per acre. Apply the higher rate for larger weeds or greater residual activity.

Important Precautions

Do not apply more than 1 oz of BASIS® in any 12-month period. Do not apply to coarse soils (sand, loamy sand or sandy loam) with less than 1% organic matter.

Do not apply BASIS® in the fall if DuPont MATRIX® or DuPont SHADEOUT™ has been applied during the preceding season. If fall-applied BASIS® is followed by a spring application of BASIS®, do not exceed 1 oz. of BASIS® per acre total (adding the rate applied in the fall to the rate applied in the spring) and observe the crop rotation intervals listed in the "Crop Rotation" section of this label.

Do not apply "Counter 15G" insecticide the following spring. Follow the most restrictive guidance for insecticides and other precautions provided on this and on the labels of any products applied sequentially.

EARLY PREPLANT, PREEMERGENCE, AND BURNDOWN APPLICATIONS IN THE SPRING

BASIS® Herbicide may be applied alone or in a tank mixture with other registered corn herbicides for burndown control of emerged weeds and to provide early season residual weed control in corn. Do not apply to popcorn, sweet corn, or to field corn grown for seed.

Rate

For burndown of emerged weeds and early season residual weed control, broadcast applications of BASIS® may be applied pre-emergence, up to 30 days before planting but before corn plants emerge. For maximum residual control of grass and broadleaf weeds, tank mix BASIS® with atrazine and make applications preemergence, at planting, or up to 7 days before planting.

Do not apply to field corn grown for seed, to popcorn, or to sweet corn. See "APPLICATION INFORMATION" section of this label for use restrictions on other types of corn.

Apply BASIS® at a rate of 1/3 to 1 ounce per acre alone or in combination with other preemergence herbicides registered for use on field corn (See "Tank Mixes" section). Do not apply less than 1/3 ounce of BASIS® per acre. Make only one application of BASIS® per season. Do not exceed 1 oz of BASIS® per acre and observe the crop rotation intervals listed in the "Crop Rotation" section of this label.

Preemergence applications of BASIS® work best on soils having an organic content of 1.0% but not more than 3.5%. Apply the higher rate to heavier soil types. Applications on soils with organic matter greater than 3.5% may not provide the desired length of residual activity. Do not apply BASIS® preemergence on coarse-textured soils with less than 1% organic matter.

Adjuvants

For burndown control of emerged weeds, always add crop oil concentrate at the rate of 1% v/v (1 gallon per 100 gallons of spray solution)

-plus-

An ammonium nitrogen fertilizer such as 28-0-0 (2 quarts per acre), 10-34-0 (1 quart per acre) or ammonium sulfate (21-0-0) at 2-4 pounds per acre.

Tank Mixes

Early preplant to preemergence applications of BASIS® may be tank mixed with other corn herbicides such as DuPont LEADOFF®, "Shotgun", "Salvo", atrazine, 2,4-D LVE, "Bicep II", "Bicep II Magnum", "Harness Xtra", "Fulltime", or "Surpass 100" for a broader spectrum of weed control. Refer to the tank mix product labels for additional use directions, use restrictions, rotational crop intervals and precautions. The most restrictive provision on either label shall apply. Do not tank mix BASIS® with products containing cyanazine or antagonism may occur. Do not tank mix BASIS® with products containing flumetsulam such as "Hornet", "Python" or "Broadstrike".

For enhanced burndown control, and to contribute to a clean seed bed at planting, tank mix BASIS® with 2,4-D LVE plus atrazine or a preemergence herbicide containing atrazine. Full rates or reduced rates of the herbicide containing atrazine may be tank mixed with BASIS®. Select a rate appropriate for the weeds present and the desired length of residual control.

Weeds Controlled - Burndown

Burndown control of emerged winter and summer annuals and biennials with BASIS® at a rate of 1/3 to 1 ounce per acre applied up to 30 days early preplant until emergence of corn will provide burndown control of certain 1-2 inch annual grasses and certain winter and summer annuals and biennials as listed below.

For effective grass control, BASIS® must be applied to the species listed when they are 2 inches or less in height. Control of all weeds will be less effective if weeds densely carpet the field at the time of application or exceed the recommended heights.

BASIS® applied alone at 1/3 - 1/2 oz. — Weeds controlled (burndown)

Annual grasses (1-2 inches)

Annual bluegrass	Bristly foxtail	*Tall fescue
Barnyardgrass	Giant foxtail	Woolly cupgrass (up to 1")
Carolina foxtail	Green foxtail	*Volunteer winter wheat
*Downy brome	Yellow foxtail	Fall panicum
		Wild Oats (<3 leaf)

(*suppression only)

Annual broadleaf weeds (1-3 inches)

Annual smartweeds	Velvetleaf
Lambsquarters	Wild Mustard
Pigweeds	Wild sunflower
Winter annuals and biennials (up to 6 inches)	
Catchweed bedstraw	Dandelion (6" diameter)
Chickweed	

BASIS® applied alone at 1/3 - 1 oz. — Additional weeds controlled

Annual grasses	
Volunteer barley	Quackgrass
Crabgrass	
Annual broadleaf weeds	
Common Ragweed	
Winter annuals and biennials	
False chamomile	Shepardspurge
Henbit	Wild radish

1/3 - 1 oz BASIS® + 1 pint 2,4-D LVE + 1 pound active ingredient atrazine --Weeds controlled (burndown)

Annual grasses (1-2 inches)

Annual bluegrass	Bristly foxtail	*Tall fescue
Barnyardgrass	Giant foxtail	Woolly cupgrass (up to 1")
Carolina foxtail	Green foxtail	*Volunteer winter wheat
*Downy brome	Yellow foxtail	Fall panicum
Quackgrass (4-8" tall)	Volunteer barley	Wild oats (< 3 leaf)
Crabgrass		

Winter and summer annuals and biennials (up to 6 inches)

Bull thistle	Ragweed, common
Burdock	Ragweed, giant
*Canada thistle	Red clover
Catchweed bedstraw	Shepardspurse
Chickweed	Smartweed, annual
Corn speedwell	Smallflower buttercup
Daisy fleabane	Tansy mustard
Dandelion	Velvetleaf
False chamomile	Venice mallow
Field pennycress	Waterhemp (up to 4')
Goldenrod	Wild radish
Henbit	Wild mustard
Lambsquarters	*Wild garlic
Marestail	Wild strawberry
Nightshade	Yellow rocket
Prickly lettuce	Purslane speedwell
Purple deadnettle	

(*) suppression only

Residual Activity

When used according to label, BASIS® herbicide at a rate of 1/3 - 1 ounce per acre applied up to 30 days early preplant until emergence of corn will provide preemergence control or suppression of labeled annual grasses, large crabgrass, lambsquarters and pigweeds (including triazine resistant) to contribute to a clean seed bed at planting. An activating rainfall or irrigation (> 1/2 inch) 5 to 7 days after application will be required for herbicide activation and maximum residual activity. For maximum residual control of grass and broadleaf weeds tank mix BASIS® with atrazine and make applications preemergence, at planting, or up to 7 days before planting.

Sequential Applications

ACCENT®, BASIS® GOLD™ OR ACCENT® GOLD™

For season-long control of grass and broadleaf weeds, a sequential application of ACCENT® and/or a broadleaf herbicide may be needed. Make applications of ACCENT® 14 or more days after the BASIS® application. Refer to the ACCENT® label for product use information.

BASIS® GOLD™ or ACCENT® GOLD™ may be used as a sequential application in a planned postemergence weed control program in corn following application of a reduced rate of BASIS®. Apply 0.3 to 0.6 ounce of BASIS® premerge to corn and apply BASIS® GOLD™ or ACCENT® GOLD™ at the proper timing for weeds and corn. Use the higher rates of BASIS® on heavier soil types or where weed pressures are expected to be heavy.

Allow at least 3 weeks between applications of BASIS® and BASIS® GOLD™ or ACCENT® GOLD™. Make sequential applications of BASIS® GOLD™ or ACCENT® GOLD™

when corn has reached the 2-collar stage but before corn exhibits 6 collars or exceeds 12 inches in height, whichever is more restrictive. Crop injury may result from applications of ACCENT® GOLD™ or BASIS® GOLD™ made to plants under stress from prior herbicide application. Refer to the BASIS® GOLD™ or ACCENT® GOLD™ labels for product use information.

Do not apply ACCENT® GOLD or BASIS® GOLD™ to fields treated with more than .62 ounce of BASIS®.

Application Equipment and Spray Volumes

Apply uniformly by ground equipment using a properly calibrated fixed boom sprayer with a minimum of 10 gallons per acre spray volume. Select a spray nozzle, spray volume, and spray pressure configuration to deliver uniform spray coverage onto weeds. Heavy crop residues may reduce burndown control of emerged weeds if residues impede spray coverage. Higher spray volumes and pressures can improve burndown control in heavy crop residue situations.

Mixing Instructions

BASIS® may be mixed with water or pre-slurried in water and added to liquid fertilizer for application. When using liquid fertilizer as the carrier, always pre-slurry BASIS® in water before adding fertilizer solutions. Add the BASIS® slurry to the final complete liquid fertilizer mixture--Do not add BASIS® during the fertilizer mixing process. Always use good agitation while adding the BASIS® slurry to liquid fertilizers and maintain good agitation until sprayed.

When using liquid fertilizer as the carrier, conduct a compatibility test with all components prior to mixing.

Do not use BASIS® with spray additives or liquid fertilizer carriers that reduce the pH of the spray solution below 3.0.

POSTEMERGENCE APPLICATIONS

Do not apply more than 1/3 oz. per acre of BASIS® to emerged corn. Refer to the POSTEMERGENCE section of this label for use directions on emerged corn.

Do not apply to field corn grown for seed, to popcorn, or to sweet corn. See "APPLICATION INFORMATION" section of this label for use restrictions on other types of corn.

Timing to Crop Stage

BASIS® may be applied to field corn in the spike through 4-leaf (2 collar) stage (approximately 1/2" to 6" tall). Do not apply to corn having 3 fully emerged collars or over 6" tall.

Risk of injury increases as the crop grows beyond the 3 collar stage.

Timing to Weeds

- Apply BASIS® when grasses are young and actively growing, but before they exceed the size listed in the table below.
- Applications made to weeds at growth stages greater than those listed below may result in incomplete control. Grass competition due to incomplete control may reduce yields.

Rate

- Apply BASIS® at 1/3 oz per acre for control of the grasses listed below.
- When packaged in water-soluble packets, use one soluble packet per 4 acres.

Do not apply less than 1/3 oz of BASIS® per acre (1 soluble packet per 4 acres).

When applied as directed, BASIS® will control the following grasses:

Grasses	Height (Inches)
Barnyardgrass	1-2"
Foxtails	
Giant	1-2"
Yellow	1-2"
Bristly	1-2"
Green	1-2"
Fall panicum	1-2"
Woolly cupgrass*	1"
Wild oats	<3 leaf
Broadleaves**	
Annual smartweeds	1-3"
Common lambsquarters	1-3"
Redroot (rough) pigweed	1-3"
Velvetleaf	1-3"
Wild sunflower	1-3"
Wild mustard	1-3"

*Controls emerged plants only. Subsequent flushes may require sequential applications of ACCENT® Herbicide. Requires the use of crop oil concentrate.

Applications to broadleaf weeds in the cotyledon stage may result in less than satisfactory control. Broadleaf weeds that emerge after application may not be controlled by BASIS®. A properly timed cultivation or follow-up application of a broadleaf herbicide may be required.

Spray Adjuvants

Applications of BASIS® must include an adjuvant and an ammonium nitrogen fertilizer.

Additional information on adjuvant selection may be found in the bulletin "Approved Adjuvants for Use With DuPont Row Crop and Cereal Herbicides."

- Avoid products that do not accurately define their ingredients on the product label. Products must contain only ingredients authorized by the EPA for use on food crops.
- Do not use products that change the pH of the spray tank solution.

Adjuvants

Include one of the following:

- A petroleum or methylated seed oil based crop oil concentrate (COC) at 1 - 2% v/v (1 - 2 gal/100 gal).

or

- A nonionic surfactant (NIS) at a concentration of 0.25 - 0.5% v/v (1-2 qt per 100 gal spray solution). Use the higher concentration under drought conditions to enhance control.

Ammonium Nitrogen Fertilizer

An ammonium nitrogen fertilizer must be added in addition to crop oil concentrate or nonionic surfactant.

- Use a high-quality liquid nitrogen fertilizer such as 28-0-0 at a rate of 2-4 qt per acre or 10-34-0 at 1-2 qt per acre.
- A high-quality spray-grade ammonium sulfate (21-0-0) may be applied at a rate of 2-4 lb per acre in place of the liquid nitrogen fertilizer.
- Do not use liquid nitrogen fertilizers without a nonionic surfactant.
- Liquid nitrogen fertilizers should not be used as the total carrier solution.

Tank Mixes

TANK MIXES WITH REDUCED RATES OF PREEMERGENCE GRASS HERBICIDES

DuPont BASIS® Herbicide may be used alone or in a tank mix with reduced rates of preemergence grass herbicides such as DuPont LEADOFF™, "Dual II Magnum", "Surpass", "Harness", "Frontier", and "Prowl" for early postemergence control of emerged grasses plus residual activity on later emerging grass flushes including smooth crabgrass (*Digitaria ischaemum*) and large crabgrass (*Digitaria sanguinalis*) in field corn only. BASIS® may also be tank mixed with labeled broadleaf products such as atrazine for expanded broadleaf weed control.

Rate of Tank Mix Partner

Soil Type**

	Coarse	Medium	Fine
"Surpass EC"	1.5 pt	1.5 - 2 pt	1.5 - 2 pt
"Harness"	1.0 - 1.75 pt	1.25 - 2.25 pt	1.75 - 2.75 pt
"Dual II"	1.0 - 1.25 pt	1.25 - 1.75 pt	1.5 - 2.0 pt
"Frontier"	8 - 16 fl oz	8 - 16 fl oz	8 - 16 fl oz
"Prowl 3.3 EC"	1.8 - 2.5 pt	2.5 - 3.0 pt	2.5 - 3.0 pt
LEADOFF™	2.0-2.5 pt	2.5-3.5 pt	3.5-4.5 pt
"Dual II Magnum"	67-.8 pt	8-1.2 pt	1.0-1.3 pt

**Use the mid to lower end of the rate range for soils with less than 3% organic matter. Use the mid to upper end of the rate range for soils with 3% or more organic matter content.

Apply a tank mix of preemergence grass herbicides plus BASIS® at a rate of 1/3 ounce per acre (or, when packed in water soluble packs, one soluble pack per 4 acres) for postemergence control of the grasses listed below.

Grass*	Height at Application*
Giant Foxtail	1-2"
Green Foxtail	1-2"
Yellow Foxtail	1-2"
Fall Panicum	1-2"
Barnyardgrass	1-2"
Large Crabgrass	less than 1/2"
Smooth Crabgrass	preemergence

*If grasses other than those listed on this label are present, or the grasses exceed 2" in height replace BASIS® with DuPont ACCENT® Herbicide at a rate of 1 soluble packet per 4 acres (2/3 ounce per acre). Refer to the ACCENT® labeling for use instructions.

Rate of Adjuvant

A crop oil concentrate*** at 1.0% v/v (1 gallon per 100 gallons of spray solution). In addition, an ammonium nitrogen fertilizer such as 28-0-0 (2 quarts per acre), 10-34-0 (1 quart per acre), or ammonium sulfate (21-0-0 at 2 lb. per acre) is recommended to improve postemergence control.

***When tank mixing with 2 or more pints of the preemergence grass herbicides a nonionic surfactant at 0.25% v/v (1 quart per 100 gal of spray solution) may be substituted for the crop oil concentrate.

Refer to the preemergence grass herbicides for a complete list of grasses controlled.

TANK MIX APPLICATIONS FOR ADDITIONAL BROADLEAF WEED CONTROL

To control broadleaf weeds, broadcast on corn up to 2 collars or 6" tall growth stage with one of the following:

	Rate/A	Adjuvant+ NFERT
"Clarity" or "Banvel"	1/4 - 1/2 pt	COC or NIS
Atrazine 90 DF	1/2 - 1 lb	COC
"Marksman"†	1 pt*	COC
"Tough"	3/4 - 1.5 pt	COC
"Hornet"	1.0 - 1.6 oz.	COC

- Corn plants' predisposition to develop fused tissue emerging from the whorl (rat tail) after the V11 stage may increase when a product containing dicamba (such as Banvel, Clarity, or Marksman) is applied to small corn under early, stressful conditions. Be aware of this when applying tank mixes with dicamba to small corn (V3 stage or smaller) under stressful conditions (See Environmental Conditions for a description of these stressful conditions).
- BASIS® should not be tank mixed with the following because of antagonism or severe crop injury:
 - "Basagran", "Laddok", DuPont BLADEX® Herbicide, "Beacon", or other ALS inhibiting herbicides not specifically allowed on this, or other Supplemental labels.
 - foliar applied organophosphate insecticides such as "Lorsban", malathion, parathion, etc.

- To avoid antagonism or severe crop injury, apply these materials at least 7 or more days prior to, or 3 or more days after the application of BASIS®.

† BASIS® may be tank mixed with 2 pts of "Marksman" for the control of perennial weeds such as Canada thistle.

Mixing Instructions

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of BASIS®.
3. Continue agitation until the BASIS® is fully dispersed, at least 5 minutes.
4. Once the BASIS® is fully dispersed, maintain agitation and continue filling tank with water. BASIS® should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add the required spray adjuvants (Crop Oil Concentrate, nonionic surfactant, liquid nitrogen fertilizer, or ammonium sulfate).
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply BASIS® spray mixture within 24 hours of mixing to avoid product degradation.
8. If BASIS® and a tank mix partner are to be applied in multiple loads, pre-slurry the BASIS® in clean water prior to adding to the tank. This will prevent the tank mix partner from interfering with the dissolution of the BASIS®.

Additional Use and Handling Information for BASIS® When Packaged in Water Soluble Packets

Five Soluble Packets are contained in a waterproof, resealable bag. Three resealable bags are enclosed in each cardboard box. The individual Soluble Packets will dissolve completely in water. Open the outer resealable bag and remove the required number of Soluble Packets and follow the mixing instructions above.

Precautions

- The outer resealable bag is NOT soluble in water. DO NOT place it in the spray tank.
- Exposure to moisture or excessive handling of the Soluble Packets will cause them to break.
- Do not touch the packets with wet hands or place them on wet surfaces.
- Protect unused Soluble Packets by resealing them in the resealable bag.

SOIL INSECTICIDE INTERACTIONS

Before using BASIS®, ensure that it is compatible with any insecticides applied to the corn crop.

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Conventional Field Corn and "IT" Hybrids

Soil Insecticides	Application Method	Soil O.M.	BASIS® Use Precautions
"Counter 15G"	All	All	Do not use.
"Counter 20CR"	In furrow at planting	All	Do not use.
	Over the row at cultivation	All	Do not use.
	T-band or Surface band	≤4%	May cause unacceptable injury.
	T-band or Surface band	>4%	May result in temporary injury.
Dyfonate	All labeled methods	All	May result in temporary injury.
"Lorsban"	All labeled methods	All	May result in temporary injury.
"Thimet"	All labeled methods	All	May result in temporary injury.
"Fortress"	All	All	No use precautions.
"Force"	All	All	No use precautions.
"Aztec"	All	All	No use precautions.

Herbicide-Resistant Field Corn

- BASIS® may be used on fields treated with "Counter 15G" or "Counter 20CR" (applied in-furrow, T- or surface-banded) if the field has been planted with an imidazolinone-resistant ("IR") hybrid such as Pioneer 3377 IR, Pioneer 3180IR, etc.
- For BASIS® applied to imazethapyr-tolerant ("IT") field corn hybrids, follow directions above for Conventional and "IT" Field Corn.

Broadcast Ground Application

- Use a minimum of 15 gal of water per acre (GPA) for best performance.
- Use 50 mesh screens with all applications.
- Use flat fan nozzles only. Do not use hollow cone, raindrop, whirl chamber or controlled droplet applicator (CDA) nozzles, or air-assisted sprayers. Unacceptable crop injury, excessive spray drift, or poor weed control may result.
- Application spray pressure should be 20-40 psi.
- For proper spray coverage, adjust the boom and nozzle height to manufacturers' specifications.
- Ensure that equipment is set up to avoid applying an excessive rate directly over the rows and into the corn plant whorl.
- Overlaps, or starting, stopping, slowing, and turning while spraying may result in crop injury.

Band Application

- For band applications, use proportionately less spray mixture.
- To avoid crop injury, carefully calibrate the band applicator so as not to exceed the labeled rate.

- Carefully follow the manufacturer's instructions for flat fan nozzle orientation, distance of nozzles from the crop and weeds, spray volumes, calibration and spray pressure.

Aerial Application (See also Spray Drift)

- Use nozzle types and arrangements that will provide optimum spray distribution and maximum coverage at a minimum of 5 GPA.
- Do not apply during a temperature inversion, when winds are gusty, or when conditions favor poor coverage and/or off-target spray movement.
- Do not apply by air in the state of New York.

CHEMIGATION

BASIS® should not be applied through any type of irrigation system.

CULTIVATION

For best results, cultivate when BASIS® burndown and residual activity is complete or if new grasses have emerged. The best time for cultivation is usually 10 to 15 days after application.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL ACTIVITY

BASIS® may be applied to all field corn hybrids with Relative Maturity (RM) rating of 88 days or more. Corn hybrids with a RM rating less than 88 days will vary in their sensitivity to BASIS®, and DuPont will not be held responsible for losses or damages resulting from such use. BASIS® provides the best results when applied to young, actively growing grasses. Applications made during warm, moist conditions (70 °F or more) with adequate soil moisture both before and after application maximize performance.

- The degree and duration of control depend on:
 - spray coverage, weed spectrum, weed size, growing conditions both before and after application, soil moisture, precipitation, and adjuvant selection.
- Thorough coverage is important for best performance. Excessively cloddy or rough field conditions may reduce coverage and affect performance.
- Adequate soil moisture is required for optimum activity. Rainfall within 5 to 7 days after application will enhance BASIS® residual activity. A timely cultivation may be required for maximum weed control.
- Treating grasses that exceed maximum label height may result in incomplete control.
- Poor grass control or crop injury may result from applications made to plants under stress from:
 - abnormally hot or cold weather
 - environmental conditions such as drought, water-saturated soils, hail damage, or frost
 - disease, insect or nematode damage
 - prior herbicide applications, including carryover from a previous year's herbicide application

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- If the corn or grass weeds are under stress, delay application of BASIS® until the stress passes and plants begin to grow again. If the corn stage or grass height exceed the sizes indicated on this label, ACCENT® may be used for grass control. Consult the ACCENT® labels for timing information.
- BASIS® is rainfast in 4 hours.

• Applications made during or immediately following periods of large day/night temperature fluctuations may decrease control and increase the potential for crop injury.

- Applications should be made when minimum nighttime temperatures are above 40 °F and the maximum daytime temperatures are below 92 °F.
- Applications of BASIS® to dry, dusty fields may reduce grass control in the wheel tracks.
- BASIS® rapidly inhibits the growth of susceptible grasses, reducing competition within as little as 6 hours after application. Susceptible grasses are controlled in 7-14 days.

SEQUENTIAL ACCENT® APPLICATIONS

To control grasses under adverse environmental conditions, a sequential application of DuPont ACCENT® Herbicide may be necessary. An application of ACCENT® may be made 14 or more days after BASIS® applications. Refer to ACCENT® labels for grass species controlled, proper size of weeds, rates and other information.

CROP ROTATION

The following rotational intervals should be observed when using Basis® at 1/3 oz. :

Crop	Interval in Months
Alfalfa	10
Cereals, Spring (wheat, oats, barley)	8
Cereals, Winter (wheat, barley, rye)	4
Corn (field)	Anytime
Corn (pop or sweet)	10
Grain sorghum	10
Potatoes	Anytime
Snap beans, dry beans, peas	8
Soybeans	1/2 (15 days)
Sugarbeets	10
Sunflowers	10
Tomatoes	1
Crops not listed	18

The following rotational intervals should be observed when using Basis® at 1/3 - 1 oz. :

Crop	Interval in Months
Cereals, Spring (wheat, oats, barley)	9
Cereals, Winter (wheat, barley, rye)	4
Corn (field)	Anytime
Corn (pop or sweet)	10
Potatoes	Anytime
Snap beans, dry beans	10
Soybeans	10
Sunflowers	10
Tomatoes	1
Crops not listed	18

SPRAYER PREPARATION/CLEANUP

It is important that spray equipment is clean and free of previous pesticide deposits before using BASIS®. Follow the cleanup procedures specified on the label of the product previously sprayed including directions for rinsate disposal. If no cleanup procedure is provided, use the procedure that follows. Immediately following applications of BASIS®, thoroughly clean all mixing and spray equipment to avoid subsequent crop injury.

Note: When applying multiple loads of BASIS®, do not allow empty sprayer or mixing equipment to stand overnight. Partially fill the empty equipment with fresh water at the end of each day of spraying, flush the boom, hoses and other equipment, and allow to sit overnight.

Cleanup Procedure

1. Drain the tank and thoroughly hose down the interior surfaces. Flush the tank, hoses, and boom with clean water for a minimum of 5 min.
2. Partially fill the tank with clean water and add one gal of household ammonia* (containing 3% active) for every 100 gal of water. Finish filling the tank with water, then flush the cleaning solution through the hoses, boom, and nozzles. Add more water to completely fill the tank and allow to agitate/recirculate for at least 15 min. Again, flush the hoses, boom, and nozzles with the cleaning solution, then drain the tank.
3. Repeat Step 2.
4. Remove the nozzles and screens and clean separately in a bucket containing the cleaning agent and water.
5. Thoroughly rinse the tank with clean water for a minimum of 5 min, flushing the water through the hoses and boom.
6. Rinsate may be applied to areas planted to field corn. Do not exceed the labeled concentration of BASIS®. Read and follow all label directions for BASIS®.

* Equivalent amounts of an alternate strength ammonia solution or a tank cleaner recommended in the DuPont bulletin "Sulfonylurea Herbicides, A Guide to Equipment Cleanout," may be used.

SPRAY DRIFT MANAGEMENT

The interaction of many equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Importance of Droplet Size

The most effective way to reduce drift potential is to apply large droplets (>150 - 200 microns). The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. The presence of sensitive species nearby, the environmental conditions, and pest pressure may affect how an applicator balances drift control and coverage. APPLYING LARGER DROPLETS REDUCES DRIFT POTENTIAL, BUT WILL NOT PREVENT DRIFT IF APPLICATIONS ARE MADE IMPROPERLY OR UNDER UNFAVORABLE ENVIRONMENTAL CONDITIONS! See Wind, Temperature and Humidity, and Temperature Inversions sections of this label.

Controlling Droplet Size - General Techniques

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Controlling Droplet Size - Aircraft

- **Number of Nozzles** - Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.
- **Nozzle Orientation** - Orienting nozzles so that the spray is emitted backwards, parallel to the airstream will produce larger droplets than other orientations.
- **Nozzle Type** - Solid stream nozzles (such as disc and core with swirl plate removed) oriented straight back produce larger droplets than other nozzle types.
- **Boom Length** - The boom length should not exceed 3/4 of the wing or rotor length - longer booms increase drift potential.
- **Application Height** - Application more than 10 ft above the canopy increases the potential for spray drift.

Boom Height

Setting the boom at the lowest labeled height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

Wind

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. AVOID GUSTY OR WINDLESS CONDITIONS.

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

Temperature and Humidity

When making applications in hot and dry conditions, set up equipment to produce larger droplets to reduce effects of evaporation.

Temperature Inversions

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

Shielded Sprayers

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with uniform deposition of the product.

RESISTANCE

When herbicides with the same mode of action are used repeatedly over several years to control the same weed species in the same field, naturally-occurring resistant weed biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in that field. These resistant weed biotypes may not be adequately controlled. Cultural practices such as tillage, preventing weed escapes from going to seed, and using herbicides with different modes of action within and between crop seasons can aid in delaying the proliferation and possible dominance of herbicide resistant weed biotypes.

INTEGRATED PEST MANAGEMENT

DuPont recommends the use of Integrated Pest Management (IPM) programs to control pests. This product may be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. Application of this product should be based on IPM principles and practices including field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or

other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop systems in your area.

IMPORTANT PRECAUTIONS

Injury or loss of desirable trees or vegetation may result from the failure to observe the following:

- Do not apply BASIS® or drain or flush application equipment on or near desirable trees or other plants, on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts, or in similar areas.
- Prevent drift of spray onto desirable plants (See SPRAY DRIFT).
- Do not contaminate any body of water with BASIS®.
- Thoroughly clean application equipment before and after use. See SPRAYER PREPARATION/CLEANUP section of this label for instructions.
- Do not graze or feed forage, grain, or stover from treated areas to livestock within 30 days of BASIS® application.

STORAGE AND DISPOSAL

Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Store in a cool, dry place.

PRODUCT DISPOSAL: Do not contaminate water, food, or feed by disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

CONTAINER DISPOSAL (SOLUBLE PACKETS): Do not reuse the outer box or the resealable plastic bag. When all soluble packets are used, the outer packaging should be clean and may be disposed of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by open burning. If burned, stay out of smoke. If the resealable plastic bag contacts the formulated product in any way, the bag must be triple-rinsed with clean water. Add the rinsate to the spray tank and dispose of the outer wrap as described above.

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