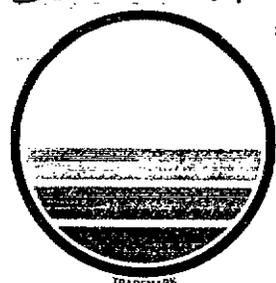




PM 25 352-571

SUPPLEMENTAL LABELING 1 of 8

DuPont Agricultural Products



BASIS HERBICIDE  
TANK MIX APPLICATIONS WITH  
"TOUGH" HERBICIDE

"..... A Growing Partnership With Nature"

# BASIS® HERBICIDE

REG. NO. 352-571

## TANK MIX APPLICATIONS WITH "TOUGH" HERBICIDE

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DuPont BASIS® Herbicide may be tank mixed with "Tough" herbicide for additional broadleaf weed control when applied to field corn grown for grain. Do not apply to corn grown for seed, to popcorn, or to sweet corn.

### WHEN TO APPLY

Postemergence applications of BASIS may be applied in a tank mix with "Tough" to field corn that is in the spike to 4-leaf stage (prior to the emergence of the third collar; V3, approximately 1/2" to 6" tall). Labelled grasses should be 1 to 2 inches tall. Broadleaf weeds should be small (before the 4 lf stage).

### HOW TO USE

Apply BASIS in a tank mix for additional annual broadleaf control as directed below:

Product	Rate per 4 acres	Rate per acre
BASIS	1 soluble pak	1/3 ounce
- plus -		
"Tough"	3 - 6 pt	.75 - 1.5 pt

Do not apply less than 1/3 ounce of BASIS per acre.

BASIS performs best when applied to small (1-2 inch tall) actively growing grasses. "Tough" performs best when applied to small (less than 4 lf stage) broadleaf weeds. Use higher rates of "Tough" when broadleaf weeds are larger or adverse conditions exist.

For best results, follow BASIS applications with a cultivation. The optimum time for cultivation is dictated by establishment of new grasses after complete grass burndown and the residual activity of BASIS has expired; approximately 10-15 days after application.

Consult the respective BASIS and "Tough" labels for a complete list of grasses and broadleaf weeds controlled, and the proper size for application.

### Adjuvants

Always add an adjuvant combination of:

A crop oil concentrate (COC) at the rate of 1 gallon per 100 gallons of spray solution (1.0 % v/v)

- plus -

an ammonium nitrogen fertilizer (NFERT) such as 28-0-0 (2-4 quarts per acre), 10-34-0 (1-2 quarts per acre) or ammonium sulfate (21-0-0) at 2-4 pounds per acre. The fertilizer solution must be added in addition to the crop oil.

### Application

Use a minimum of 15 gallons of water per acre (15 GPA) for best results.

### IMPORTANT PRECAUTIONS

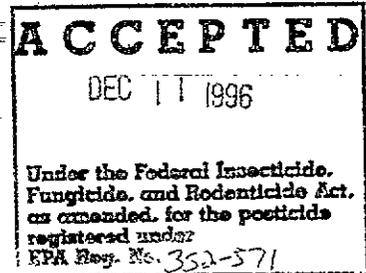
Refer to the BASIS label for mixing instructions.

An activating rainfall (>1/2") shortly after application will be required for maximum residual activity.

If heavy dew is present, delay application until corn dries to avoid crop injury from "Tough".

Refer to the BASIS and "Tough" labels for additional use directions, use restrictions, rotational crop intervals and precautions. The most restrictive provision on either label shall apply.

Do not apply BASIS through any type of irrigation system.



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**IMPORTANT**

**BEFORE USING "BASIS" HERBICIDE IN A TANK MIX WITH "TOUGH", READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.**

This bulletin contains new or supplemental instructions for use of these products which do not appear on the EPA-registered package labels. Follow these instructions carefully.

This labeling must be in the possession of the user at the time of application.

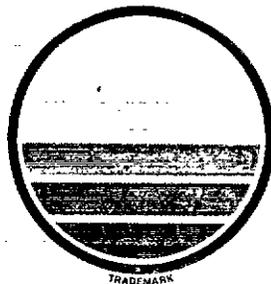
<sup>1</sup> Registered trademark of Sandoz, LTD.

D-102396



# DuPont Agricultural Products

"..... A Growing Partnership With Nature"



## SUPPLEMENTAL LABELING

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BASIS® HERBICIDE  
PREEMERGENCE APPLICATIONS FOR  
THE CONTROL OF TRIAZINE RESIS-  
TANT COMMON LAMBSQUARTERS  
AND PIGWEEDS.

### BASIS HERBICIDE

EPA REG. NO. 352-571

## PREEMERGENCE APPLICATIONS FOR THE CONTROL OF TRIAZINE RESISTANT COMMON LAMBSQUARTERS AND PIGWEEDS

RE D EPA/GP/DPDI  
NOV - 8 1983 : 16

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DuPont BASIS Herbicide may be applied alone or in a tank mix for preemergence control of common lambsquarters and pigweed species, including triazine resistant biotypes in field corn, as well as postemergence control of the weeds listed on the BASIS label. Do not apply to popcorn, to sweetcorn, or to field corn grown for seed.

### WHEN TO APPLY

Broadcast applications of BASIS may be applied any time after corn planting up through the 4 leaf stage (prior to the emergence of the third collar (V3) or 6" tall). If tank mixing BASIS with another herbicide refer to the companion herbicides label for proper timing to the corn crop. The more restrictive labeling shall apply.

### HOW TO USE

#### Rate

Apply BASIS at a rate of 1/3 ounce per acre (or, when packed in water soluble packs, one soluble pack per 4 acres) alone or in combination with other preemergence herbicides registered for use on field corn.

Do not apply less than 1/3 ounce of BASIS per acre.

#### Adjuvants

Always include a nonionic surfactant or crop oil concentrate when making application to emerged weeds at a rate of:

A crop oil concentrate at 1%/v (1 gallon per 100 gallons of spray solution)

- or -

A nonionic surfactant at a rate of 0.25 %/v (1 quart per 100 gallons of spray solution)

- plus -

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

If another herbicide is tank mixed with BASIS for increased weed control, select the adjuvants based on the recommendations for that herbicide as well.

### Tank Mixes

Preemergence applications of BASIS may be tank mixed with atrazine (0.5 to 1.5 pounds per acre) or other field corn herbicides 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.

### Application

For best results, use a minimum of 15 gallons of carrier volume per acre (15 GPA) for broadcast applications.

Preemergence applications may be made using flat fan or flood nozzles. Refer to the nozzle manufacturers guidelines for proper nozzle orientation, overlap, and set-up.

BASIS may be mixed with water or preslurried in water and added to liquid fertilizer for application. (If using liquid fertilizer as the carrier, applications should be made before the corn emerges to avoid excessive fertilizer burn to the crop.) When using a liquid fertilizer as the carrier conduct a compatibility test with all components prior to mixing.

### Mixing Instructions

1. Fill the tank 1/3 full of water or fertilizer to the tank and turn on the agitator.
2. Add the required amount of BASIS either as a slurry pre-mixed with clean water (if using liquid fertilizer as the carrier) or directly into the tank if spraying with water.

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3. Once the BASIS is dissolved, add any companion products, including adjuvants to the spray tank.
4. Finish filling the tank with the remaining carrier volume.

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

**Soil Type**

Preemergence applications of BASIS work best on soils having an organic matter content of 1.5% or more but not more than 3.5% (1.5% to 3.5% OM). Do not use preemergence on coarse textured soils (sands) or on soils having less than 1.5% OM. Applications on soils with an organic matter greater than 3.5% may not provide the desired length of residual activity from a preemergence application.

**RESIDUAL ACTIVITY**

An activating rainfall or irrigation (>1/2 inch) 5 to 7 days after application will be required for herbicide activation and maximum residual activity.

**IMPORTANT PRECAUTIONS**

Refer to the BASIS label for mixing instructions.

Do not apply BASIS through any type of irrigation system.

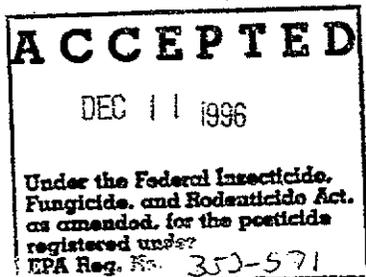
**IMPORTANT**

**BEFORE USING BASIS HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.**

This bulletin contains new or supplemental instructions for use of these products which do not appear on the EPA-registered package labels. Follow these instructions carefully.

This labeling must be in the possession of the user at the time of application.

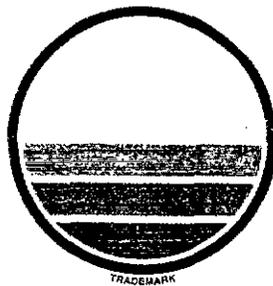
D-102396





**DuPont Agricultural  
Products**

"..... A Growing Partnership With Nature"



**BASIS® HERBICIDE**  
TANK MIXES WITH REDUCED RATES  
OF PREEMERGENCE GRASS HERBI-  
CIDES FOR EARLY POSTEMERGENCE  
WEED CONTROL IN CORN

**BASIS HERBICIDE**

EPA Reg. No 352-571

**TANK MIXES WITH REDUCED RATES OF PREEMERGENCE GRASS HERBICIDES FOR  
EARLY POSTEMERGENCE WEED CONTROL IN CORN**

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DuPont BASIS Herbicide may be used alone or in a tank mix with reduced rates of preemergence grass herbicides 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.

Corn hybrids with a relative maturity rating of less than 88 days vary in their sensitivity to BASIS.

BASIS may also be tank mixed with labeled broadleaf products such as atrazine for expanded broadleaf weed control.

**WHEN TO APPLY**

BASIS alone or in a tank mix with one of the preemergence grass herbicides listed below may be applied to 1-2 inch grass anytime after corn planting but before the corn crop exceeds 6 inches in height or prior to the emergence of the third collar (V3) stage of growth (4 leaf).

**HOW TO USE**

BASIS Alone: Refer to the BASIS product label

BASIS plus a reduced rate of a preemergence grass herbicide:

**Rate of BASIS**

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 Tank Mix Partner**

	Soil Type**		
	Coarse	Medium	Fine
Surpass EC <sup>1</sup>	1.5 pt	1.5 - 2 pt	1.5 - 2 pt
Harness <sup>2</sup>	1.0 - 1.75 pt	1.25 - 2.25 pt	1.75 - 2.75 pt
Dual II <sup>3</sup>	1.0 - 1.25 pt	1.25 - 1.75 pt	1.5 - 2.0 pt
Frontier <sup>4</sup>	8 - 16 fl oz	8 - 16 fl oz	8 - 16 fl oz
Prowl <sup>5</sup> 3.3 EC	1.8 - 2.5 pt	2.5 - 3.0 pt	2.5 - 3.0 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.

**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 BASIS federal or supplemental labels for further instructions on tank mixing for broadleaf weed control.

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

leaf 8

**IMPORTANT PRECAUTIONS**

Refer to the BASIS label for mixing and other use instructions.

BASIS applied alone or in a tank mix with a preemergence grass herbicide relies on an activating rainfall, incrop cultivation, or a combination of both to deliver control of later emerging grasses. Precipitation or overhead sprinkler irrigation is required after application to control unemerged weeds. The amount of precipitation or irrigation required depends on existing soil moisture, soil type, and percent organic matter content, but 1/4 to 3/4 inch is normally adequate. If weeds emerge after treatment, rotary hoe or shallowly cultivate approximately 10 to 15 days after application to improve performance, whether Basis is applied alone or in a tank mix with a preemergence grass herbicide.

Refer to the BASIS and the respective preemergence herbicide labels for additional use directions, use restrictions, rotational crop intervals, and precautions. The most restrictive provision on either label shall apply.

Do not apply BASIS through any type of irrigation system.

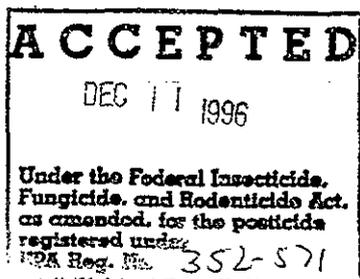
**IMPORTANT**

**BEFORE USING "BASIS" HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.**

This bulletin contains new or supplemental instructions for use of these products which does not appear on the EPA-registered package labels. Follow these instructions carefully.

This label must be in the possession of the user at the time of application.

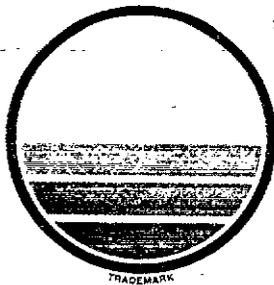
1. Registered trademark of Zeneca Inc.
2. Registered trademark of Monsanto Company
3. Registered trademark of Ciba Corporation
4. Registered trademark of Sandoz Ltd.
5. Registered trademark of American Cyanamid Co.



D-102396



DuPont Agricultural  
Products



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SUPPLEMENTAL LABELING

BASIS® HERBICIDE  
WITH "HORNET"™

"..... A Growing Partnership With Nature"

**BASIS HERBICIDE**

EPA REG. NO. 352-571

**TANK MIXED WITH "HORNET" FOR BROADLEAF WEED CONTROL**

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DuPont BASIS Herbicide may be tank mixed with "Hornet" Herbicide for additional broadleaf weed control when applied to field corn grown for grain. Do not apply to corn grown for seed, to popcorn, or to sweet corn.

**WHEN TO APPLY**

Postemerge applications of BASIS may be applied in a tank mix with "Hornet" to field corn that is in the spike to 4-leaf stage (prior to the emergence of the third collar; V3) (approximately 1/2" to 6" tall). Labeled grasses should be 1 to 2 inches tall.

**HOW TO USE**

Apply BASIS in a tank mix for additional annual broadleaf control as directed below:

Product	Rate per 8 acres	Rate per acre
BASIS	2 soluble paks	1/3 ounce
- plus -		
"Hornet"	1 soluble pak	1.0 to 1.6 ounce

Do not apply less than 1/3 ounce of BASIS per acre.

BASIS performs best when applied to small (1-2 inch tall) actively growing grasses.

For best results, follow BASIS applications with a cultivation. The optimum time for cultivation is dictated by establishment of new grasses or broadleaf weeds after complete grass burndown and the residual activity of BASIS has expired; approximately 10-15 days after application.

Consult the respective BASIS and "Hornet" labels for a complete list of grasses and broadleaf weeds controlled, and the proper size for application.

**Adjuvants**

Always add a adjuvant combination of:

A crop oil concentrate (COC) at the rate of 1 gallon per 100 gallons of spray solution (1.0% v/v)

- plus -

an ammonium nitrogen fertilizer (NFERT) such as 28-0-0 (2-4 quarts per acre), 10-34-0 (1-2 quarts per acre) or ammonium sulfate (21-0-0) at 2-4 pounds per acre. The fertilizer solution must be added in addition to the surfactant.

**Application**

Use a minimum of 15 gallons of water per acre (15 GPA) for best results.

**IMPORTANT PRECAUTIONS**

Refer to the BASIS label for mixing instructions.

An activating rainfall (>1/2") shortly after application will be required for maximum residual activity.

Refer to the BASIS and "Hornet" labels for additional use directions, use restrictions, rotational crop intervals and precautions. The most restrictive provision on either label shall apply.

Do not apply BASIS through any type of irrigation system.

**ACCEPTED**  
DEC 11 1996  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-571

RECD EPA/OPP/DPD1  
96 NOV -8 P3:16

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**IMPORTANT**

**BEFORE USING "BASIS" HERBICIDE IN A TANK MIX WITH "HORNET", READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.**

This bulletin contains new or supplemental instructions for use of these products which do not appear on the EPA-registered package labels. Follow these instructions carefully.

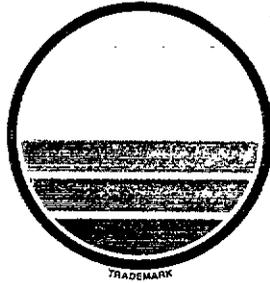
This labeling must be in the possession of the user at the time of application.

<sup>1</sup> Registered trademark of DowElanco

D-102396



DuPont Agricultural  
Products



PM 25 352-571 P9 198  
SUPPLEMENTAL LABELING

BASIS® HERBICIDE  
WITH "HORNET™"

"..... A Growing Partnership With Nature"

**BASIS HERBICIDE**

EPA REG. NO. 352-571

**TANK MIXED WITH "HORNET" FOR BROADLEAF WEED CONTROL**

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DuPont BASIS Herbicide may be tank mixed with "Hornet" Herbicide for additional broadleaf weed control when applied to field corn grown for grain. Do not apply to corn grown for seed, to popcorn, or to sweet corn.

**WHEN TO APPLY**

Postemerge applications of BASIS may be applied in a tank mix with "Hornet" to field corn that is in the spike to 4-leaf stage (prior to the emergence of the third collar; V3) (approximately 1/2" to 6" tall). Labeled grasses should be 1 to 2 inches tall.

**HOW TO USE**

Apply BASIS in a tank mix for additional annual broadleaf control as directed below:

Product	Rate per 8 acres	Rate per acre
BASIS	2 soluble paks	1/3 ounce
- plus -		
"Hornet"	1 soluble pak	1.0 to 1.6 ounce

Do not apply less than 1/3 ounce of BASIS per acre.

BASIS performs best when applied to small (1-2 inch tall) actively growing grasses.

For best results, follow BASIS applications with a cultivation. The optimum time for cultivation is dictated by establishment of new grasses or broadleaf weeds after complete grass burndown and the residual activity of BASIS has expired; approximately 10-15 days after application.

Consult the respective BASIS and "Hornet" labels for a complete list of grasses and broadleaf weeds controlled, and the proper size for application.

**Adjuvants**

Always add a adjuvant combination of:

A crop oil concentrate (COC) at the rate of 1 gallon per 100 gallons of spray solution (1.0% v/v)

- plus -

an ammonium nitrogen fertilizer (NFERT) such as 28-0-0 (2-4 quarts per acre), 10-34-0 (1-2 quarts per acre) or ammonium sulfate (21-0-0) at 2-4 pounds per acre. The fertilizer solution must be added in addition to the surfactant.

**Application**

Use a minimum of 15 gallons of water per acre (15 GPA) for best results.

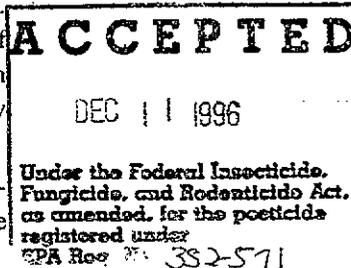
**IMPORTANT PRECAUTIONS**

Refer to the BASIS label for mixing instructions.

An activating rainfall (>1/2") shortly after application will be required for maximum residual activity.

Refer to the BASIS and "Hornet" labels for additional use directions, use restrictions, rotational crop intervals and precautions. The most restrictive provision on either label shall apply.

Do not apply BASIS through any type of irrigation system.



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**IMPORTANT**

**BEFORE USING "BASIS" HERBICIDE IN A TANK MIX WITH "HORNET", READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.**

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This labeling must be in the possession of the user at the time of application.

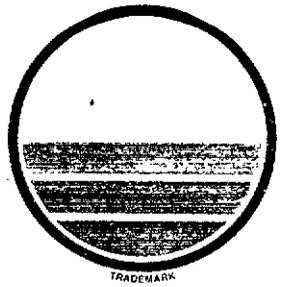
<sup>1</sup> Registered trademark of DowElanco

D-102396



DuPont Agricultural Products

"..... A Growing Partnership With Nature"



SUPPLEMENTAL LABELING

BASIS® HERBICIDE TANK MIXES WITH REDUCED RATES OF PREEMERGENCE GRASS HERBICIDES FOR EARLY POSTEMERGENCE WEED CONTROL IN CORN

BASIS HERBICIDE

EPA Reg. No 352-571

TANK MIXES WITH REDUCED RATES OF PREEMERGENCE GRASS HERBICIDES FOR EARLY POSTEMERGENCE WEED CONTROL IN CORN

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DuPont BASIS Herbicide may be used alone or in a tank mix with reduced rates of preemergence grass herbicides 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.

Corn hybrids with a relative maturity rating of less than 88 days vary in their sensitivity to BASIS.

BASIS may also be tank mixed with labeled broadleaf products such as atrazine for expanded broadleaf weed control.

WHEN TO APPLY

BASIS alone or in a tank mix with one of the preemergence grass herbicides listed below may be applied to 1-2 inch grass anytime after corn planting but before the corn crop exceeds 6 inches in height or prior to the emergence of the third collar (V3) stage of growth (4 leaf).

HOW TO USE

BASIS Alone: Refer to the BASIS product label

BASIS plus a reduced rate of a preemergence grass herbicide:

Rate of BASIS

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 Tank Mix Partner

	Soil Type**		
	Coarse	Medium	Fine
Surpass EC <sup>1</sup>	1.5 pt	1.5 - 2 pt	1.5 - 2 pt
Harness <sup>2</sup>	1.0 - 1.75 pt	1.25 - 2.25 pt	1.75 - 2.75 pt
Dual II <sup>1</sup>	1.0 - 1.25 pt	1.25 - 1.75 pt	1.5 - 2.0 pt
Frontier <sup>4</sup>	8 - 16 fl oz	8 - 16 fl oz	8 - 16 fl oz
Prowl <sup>3</sup> 3.3 EC	1.8 - 2.5 pt	2.5 - 3.0 pt	2.5 - 3.0 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.

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 BASIS federal or supplemental labels for further instructions on tank mixing for broadleaf weed control.

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

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**IMPORTANT PRECAUTIONS**

Refer to the BASIS label for mixing and other use instructions.

BASIS applied alone or in a tank mix with a preemergence grass herbicide relies on an activating rainfall, incrop cultivation, or a combination of both to deliver control of later emerging grasses. Precipitation or overhead sprinkler irrigation is required after application to control unemerged weeds. The amount of precipitation or irrigation required depends on existing soil moisture, soil type, and percent organic matter content, but 1/4 to 3/4 inch is normally adequate. If weeds emerge after treatment, rotary hoe or shallowly cultivate approximately 10 to 15 days after application to improve performance, whether Basis is applied alone or in a tank mix with a preemergence grass herbicide.

Refer to the BASIS and the respective preemergence herbicide labels for additional use directions, use restrictions, rotational crop intervals, and precautions. The most restrictive provision on either label shall apply.

Do not apply BASIS through any type of irrigation system.

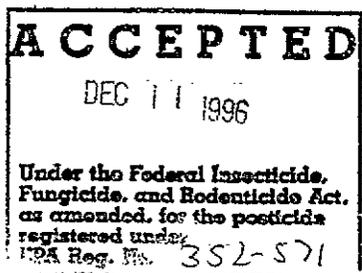
**IMPORTANT**

**BEFORE USING "BASIS" HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.**

This bulletin contains new or supplemental instructions for use of these products which does not appear on the EPA-registered package labels. Follow these instructions carefully.

This label must be in the possession of the user at the time of application.

1. Registered trademark of Zeneca Inc.
2. Registered trademark of Monsanto Company
3. Registered trademark of Ciba Corporation
4. Registered trademark of Sandoz Ltd.
5. Registered trademark of American Cyanamid Co.

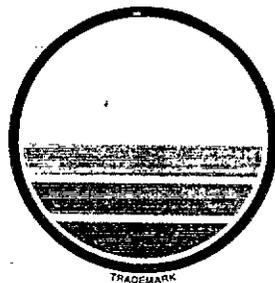


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DuPont Agricultural  
Products

"..... A Growing Partnership With Nature"



538  
SUPPLEMENTAL LABELING

BASIS® HERBICIDE  
PREEMERGENCE APPLICATIONS FOR  
THE CONTROL OF TRIAZINE RESIS-  
TANT COMMON LAMBSQUARTERS  
AND PIGWEEDS

**BASIS HERBICIDE**

EPA REG. NO. 352-571

**PREEMERGENCE APPLICATIONS FOR THE CONTROL OF TRIAZINE  
RESISTANT COMMON LAMBSQUARTERS AND PIGWEEDS**

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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.

DuPont BASIS Herbicide may be applied alone or in a tank mix for preemergence control of common lambsquarters and pigweed species, including triazine resistant biotypes in field corn, as well as postemergence control of the weeds listed on the BASIS label. Do not apply to popcorn, to sweetcorn, or to field corn grown for seed.

**WHEN TO APPLY**

Broadcast applications of BASIS may be applied any time after corn planting up through the 4 leaf stage (prior to the emergence of the third collar (V3) or 6" tall). If tank mixing BASIS with another herbicide refer to the companion herbicides label for proper timing to the corn crop. The more restrictive labeling shall apply.

**HOW TO USE**

**Rate**

Apply BASIS at a rate of 1/3 ounce per acre (or, when packed in water soluble packs, one soluble pack per 4 acres) alone or in combination with other preemergence herbicides registered for use on field corn.

Do not apply less than 1/3 ounce of BASIS per acre.

**Adjuvants**

Always include a nonionic surfactant or crop oil concentrate when making application to emerged weeds at a rate of:

A crop oil concentrate at 1%v/v (1 gallon per 100 gallons of spray solution)

- or -

A nonionic surfactant at a rate of 0.25 %v/v (1 quart per 100 gallons of spray solution)

- plus -

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

If another herbicide is tank mixed with BASIS for increased weed control, select the adjuvants based on the recommendations for that herbicide as well.

**Tank Mixes**

Preemergence applications of BASIS may be tank mixed with atrazine (0.5 to 1.5 pounds per acre) or other field corn herbicides 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.

**Application**

For best results, use a minimum of 15 gallons of carrier volume per acre (15 GPA) for broadcast applications.

Preemergence applications may be made using flat fan or flood nozzles. Refer to the nozzle manufacturers guidelines for proper nozzle orientation, overlap, and set-up.

BASIS may be mixed with water or preslurried in water and added to liquid fertilizer for application. (If using liquid fertilizer as the carrier, applications should be made before the corn emerges to avoid excessive fertilizer burn to the crop.) When using a liquid fertilizer as the carrier conduct a compatibility test with all components prior to mixing.

**Mixing Instructions**

1. Fill the tank 1/3 full of water or fertilizer to the tank and turn on the agitator.
2. Add the required amount of BASIS either as a slurry pre-mixed with clean water (if using liquid fertilizer as the carrier) or directly into the tank if spraying with water.

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3. Once the BASIS is dissolved, add any companion products, including adjuvants to the spray tank.
  4. Finish filling the tank with the remaining carrier volume.

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

#### Soil Type

Preemergence applications of BASIS work best on soils having an organic matter content of 1.5% or more but not more than 3.5% (1.5% to 3.5% OM). Do not use preemergence on coarse textured soils (sands) or on soils having less than 1.5% OM. Applications on soils with an organic matter greater than 3.5% may not provide the desired length of residual activity from a preemergence application.

#### RESIDUAL ACTIVITY

An activating rainfall or irrigation (>1/2 inch) 5 to 7 days after application will be required for herbicide activation and maximum residual activity.

#### IMPORTANT PRECAUTIONS

Refer to the BASIS label for mixing instructions.

Do not apply BASIS through any type of irrigation system.

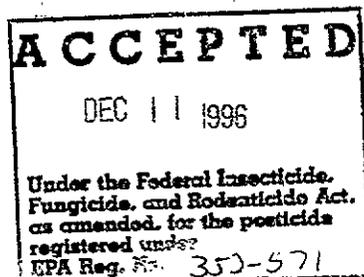
#### IMPORTANT

**BEFORE USING BASIS HERBICIDE, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.**

This bulletin contains new or supplemental instructions for use of these products which do not appear on the EPA-registered package labels. Follow these instructions carefully.

This labeling must be in the possession of the user at the time of application.

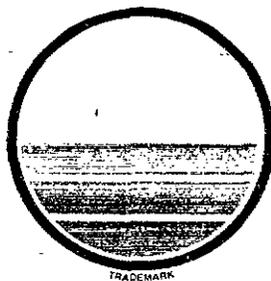
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DuPont Agricultural  
Products

"..... A Growing Partnership With Nature"



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SUPPLEMENTAL LABELING

BASIS HERBICIDE  
TANK MIX APPLICATIONS WITH  
"TOUGH" HERBICIDE

## BASIS® HERBICIDE

REG. NO. 352-571

### TANK MIX APPLICATIONS WITH "TOUGH" HERBICIDE

#### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

DuPont BASIS® Herbicide may be tank mixed with "Tough" herbicide for additional broadleaf weed control when applied to field corn grown for grain. Do not apply to corn grown for seed, to popcorn, or to sweet corn.

#### WHEN TO APPLY

Postemergence applications of BASIS may be applied in a tank mix with "Tough" to field corn that is in the spike to 4-leaf stage (prior to the emergence of the third collar; V3, approximately 1/2" to 6" tall). Labelled grasses should be 1 to 2 inches tall. Broadleaf weeds should be small (before the 4 lf stage).

#### HOW TO USE

Apply BASIS in a tank mix for additional annual broadleaf control as directed below:

Product	Rate per 4 acres	Rate per acre
BASIS	1 soluble pak	1/3 ounce
- plus -		
"Tough"	3 - 6 pt	.75 - 1.5 pt

Do not apply less than 1/3 ounce of BASIS per acre.

BASIS performs best when applied to small (1-2 inch tall) actively growing grasses. "Tough" performs best when applied to small (less than 4 lf stage) broadleaf weeds. Use higher rates of "Tough" when broadleaf weeds are larger or adverse conditions exist.

For best results, follow BASIS applications with a cultivation. The optimum time for cultivation is dictated by establishment of new grasses after complete grass burndown and the residual activity of BASIS has expired; approximately 10-15 days after application.

Consult the respective BASIS and "Tough" labels for a complete list of grasses and broadleaf weeds controlled, and the proper size for application.

#### Adjuvants

Always add a adjuvant combination of:

A crop oil concentrate (COC) at the rate of 1 gallon per 100 gallons of spray solution (1.0 % v/v)

- plus -

an ammonium nitrogen fertilizer (NFERT) such as 28-0-0 (2-4 quarts per acre), 10-34-0 (1-2 quarts per acre) or ammonium sulfate (21-0-0) at 2-4 pounds per acre. The fertilizer solution must be added in addition to the crop oil.

#### Application

Use a minimum of 15 gallons of water per acre (15 GPA) for best results.

#### IMPORTANT PRECAUTIONS

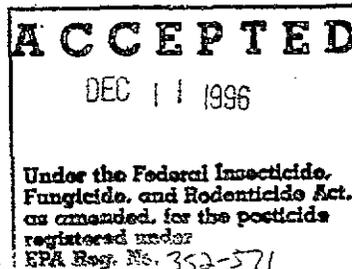
Refer to the BASIS label for mixing instructions.

An activating rainfall (>1/2") shortly after application will be required for maximum residual activity.

If heavy dew is present, delay application until corn dries to avoid crop injury from "Tough".

Refer to the BASIS and "Tough" labels for additional use directions, use restrictions, rotational crop intervals and precautions. The most restrictive provision on either label shall apply.

Do not apply BASIS through any type of irrigation system.



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**IMPORTANT**

**BEFORE USING "BASIS" HERBICIDE IN A TANK MIX WITH "TOUGH", READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABELS.**

This bulletin contains new or supplemental instructions for use of these products which do not appear on the EPA-registered package labels. Follow these instructions carefully.

This labeling must be in the possession of the user at the time of application.

<sup>1</sup> Registered trademark of Sandoz, LTD.

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