



DuPont Agricultural Products
"A Growing Partnership With Nature"



**ASSURE® II HERBICIDE
FOR POSTEMERGENCE
GRASS CONTROL IN
DRY AND SUCCULENT PEAS**

ASSURE® II HERBICIDE

EPA REG. NO. 352-541

FOR POSTEMERGENCE GRASS CONTROL IN DRY AND SUCCULENT PEAS

DIRECTIONS FOR USE

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

DuPont "Assure" II Herbicide is a selective postemergence herbicide recommended for control of annual and perennial grasses in dry and succulent peas. Applied at recommended rates and timings, "Assure" II Herbicide will control emerged grasses. Subsequent flushes of grasses require additional treatment.

HOW TO USE

Ground Application

Broadcast Application

- Use flat fan or hollow cone nozzles at 25-60 psi.
- Do not use flood, rain drop, whirl chamber, or any other nozzle types that produce coarse, large spray droplets. In addition, do not use controlled droplet applicator (CDA) type nozzles as poor weed control or excessive spray drift may result.
- Use a minimum of 10 gal of water per acre
- Increase spray volume and pressure as weed or crop density and size increase.
- Do not exceed 40 gal of water per acre or control will be reduced.
- Adjust the boom and nozzle height according to the nozzle manufacturer's specifications to obtain proper spray coverage.

Aerial Application

- Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage.
- Use a minimum of 3 gal of water per acre.
- Do not apply during a temperature inversion, when winds are gusty, or when other conditions favor poor coverage and/or off-target spray movement.

See full label for spray drift management and sprayer cleanout directions.

ACCEPTED

MAR 27 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-541

Weeds Controlled/Rate Charts

Apply "Assure" II Herbicide for control of the grasses listed below at the range indicated.

Weeds	Application "Assure" II Oz	
	Size at (Inches)	Product/A***
Annual Grasses		
Barnyardgrass (<i>Enchinochloa crus-galli</i>)	2-8	8
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)	2-4	8
Crabgrass, large (<i>Digitaria sanguinalis</i>)	2-4 *	8
Crabgrass, Smooth (<i>Digitaria inchaenum</i>)	2-6*	8
Crowfootgrass (<i>Dactyloctenium aegyptium</i>)	2-6	8
Downy brome (<i>Bromus tectorum L.</i>)	2-4	8
Fall panicum (<i>Panicum dichotomiflorum</i>)	2-6	8
Field Sandbur (<i>Cenchrus incertus</i>)	2-6	8
Foxtails:		
Bristly foxtail (<i>Setaria verticillata</i>)	2-4	8
Giant (<i>Setaria faberi</i>)	2-8	8
Green (<i>Setaria viridis</i>)	2-4	8
Yellow (<i>Setaria lutescens</i>)	2-4	8
Goosegrass (<i>Eleusine indica</i>)	2-6*	8
Itchgrass (<i>Rottboellia exaltata</i>)	2-8	8
Johnsongrass, seedling (<i>Sorghum halepense</i>)	2-6	6
Junglerice (<i>Echinochloa colonum</i>)	2-4	8
Red Rice (<i>Oryza sativa</i>)	1-4	10
Shattercane (<i>Sorghum bicolor</i>)	6-10	6
Soft chess (<i>Bromus mollis L.</i>)	2-6	10
Spangletop (<i>Leptochloa filiformis</i>)	2-6	8
Texas panicum (<i>Panicum texanum</i>)	2-4	8
Volunteer Cereals:		
Wheat (<i>Triticum aestivum</i>)	2-6	8
Barley (<i>Hordeum vulgare</i>)	2-6	8
Oats (<i>Avena sativa</i>)	2-6	8
Rye (<i>Secale cereale</i>)	2-6	8
Volunteer corn (<i>Zea mays</i>)	6-10	6
Wild oat (<i>Avena fatua</i>)	2-6	8
Wild-proso millet (<i>Panicum miliaceum</i>)	2-6	6
Witchgrass (<i>Panicum capillare</i>)	2-6	8
Woolly Cupgrass (<i>Eriochloa villosa</i>)	2-4**	10

20712

Perrennial Grasses	Size at Application (Inches)	"Assure" II Oz Product/A
Bermudagrass (<i>Cynodon dactylon</i>) (or up to 6" runners)	3" tall	10
Johnsongrass, rhizome (<i>Sorghum halepense</i>)	10-16	10
Quackgrass (<i>Agropyron repens</i>)	6-10	10
Wirestem Muhly (<i>Muhlenbergia frondosa</i>)	4-8	8

If perennial grasses regrow, reapply ASSURE II at 6-7 oz per acre. Application timing should be as follows: bermudagrass (3" tall or up to 6" runners), rhizome johnsongrass (6"-10"), quackgrass (4"-8"), wirestem muhly (4"-8").

***Length of lateral growth**

**Size in height or diameter, whichever is more restrictive. Applications to plants with more than three tillers may result in unsatisfactory control.

*** For annual and perennial grasses, up to 12 oz per acre may be applied, based on local recommendations.

Spray Additives

Always include a nonphytotoxic petroleum based crop oil concentrate at 1% v/v (4 qts/100 gals) or a nonionic surfactant at 0.25% v/v (1 qt/100 gals). Crop oil concentrate is the preferred adjuvant in arid areas.

Tank Mix Applications

Do not tankmix "Assure" II with any pesticide or spray adjuvant except as directed on this label or on other supplemental labels.

Sequential Applications with Post Broadleaf Herbicides

NOTE: Reduction in grass control is possible when "Assure" II is applied immediately prior to or sequentially after an application of a post broadleaf herbicide. Observe the following recommendations:

- After applying "Assure" II, wait a minimum of 24 hours before applying a post broadleaf herbicide.
- In fields treated with a post broadleaf herbicide, do not apply "Assure" II until grass plants begin to develop new leaves (generally 7 days after the post broadleaf herbicide application).

Precautions

• Rainfall within 1 hour of application will reduce grass control from "Assure" II.

• Applications to grassy weeds suffering stress from lack of moisture, cold, herbicide injury, and insect or disease injury may result in reduced control. A sequential application of ASSURE II at 6-12 oz per acre after growth resumes may be necessary for satisfactory control.

• Information with Assure II is available on the following types of dry and succulent peas:

Vigna spp. (blackeyed peas and cowpeas)

Pisum spp. (green peas and English peas)

DuPont recommends that you first consult your state experiment station, university, or extension agent as to information on any other type of Dry and Succulent Peas. If no information is available, limit the initial use of Assure II to a small area.

• Applications of Assure II to crops under stress (such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures) may result in crop injury, or injury that is more enhanced or prolonged. Before making applications of Assure II to crops previously under stress, or injured from other pesticide applications, the crop needs to be fully recovered and growing vigorously.

Restrictions

- Do not apply "Assure" II on dry peas within 60 days of harvest.
- Do not apply "Assure" II on succulent peas within 30 days of harvest.
- The maximum use rate of "Assure" II on dry and succulent peas is 14 oz per acre per season.
- Do not graze treated fields or harvest for forage or hay.
- Do not apply "Assure" II through any type of irrigation system.
- Most grass crops, including wheat, barley, rye, oats, sorghum, rice, and corn are highly sensitive to "Assure" II Herbicide and all direct or indirect contact (such as spray drift) should be avoided.

Resistance

Biotypes of certain weeds listed on this label are resistant to Assure II, and other herbicides with the same mode of action,* even at exaggerated application rates. Biotypes are naturally occurring individuals of a species identical in appearance but with slightly different genetic compositions; the mode of action of a herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to respray problem areas using a product with a different mode of action. If resistant weed biotypes (such as Wild Oats), are suspected or known to be present, consider using a planned herbicide rotation program to help control these biotypes. To better manage weed resistance when using ASSURE II use a combination of tillage and sequential herbicide applications that have a different mode of action than ASSURE II, to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area. It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes.

* Naturally occurring weed biotypes that are resistant to Hoelon or Poast, will also be resistant to Assure II.

IMPORTANT

BEFORE USING "ASSURE" II, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

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

013098

(Replaces H-63128 and H-63127)



DuPont Agricultural Products
 "..... A Growing Partnership With Nature"



**ASSURE® II HERBICIDE
 FOR POSTEMERGENCE
 GRASS CONTROL IN
 SNAP BEANS**

ASSURE® II HERBICIDE

EPA REG. NO. 352-541

FOR POSTEMERGENCE GRASS CONTROL IN SNAP BEANS

DIRECTIONS FOR USE

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

DuPont "Assure" II Herbicide is a selective postemergence herbicide recommended for control of annual and perennial grasses in snap beans. Applied at recommended rates and timings, "Assure" II Herbicide will control emerged grasses. Subsequent flushes of grasses require additional treatment.

HOW TO USE

Ground Application

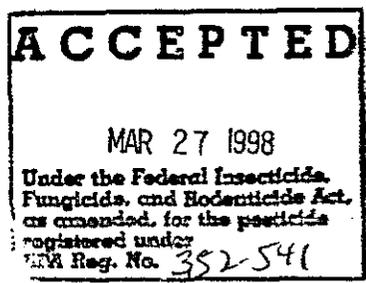
Broadcast Application

- Use flat fan or hollow cone nozzles at 25-60 psi.
- Do not use flood, rain drop, whirl chamber, or any other nozzle types that produce coarse, large spray droplets. In addition, do not use controlled droplet applicator (CDA) type nozzles as poor weed control or excessive spray drift may result.
- Use a minimum of 10 gal of water per acre
- Increase spray volume and pressure as weed or crop density and size increase.
- Do not exceed 40 gal of water per acre or control will be reduced.
- Adjust the boom and nozzle height according to the nozzle manufacturer's specifications to obtain proper spray coverage.

Aerial Application

- Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage.
- Use a minimum of 3 gal of water per acre.
- Do not apply during a temperature inversion, when winds are gusty, or when other conditions favor poor coverage and/or off-target spray movement.

See full label for spray drift management and sprayer cleanout directions.



Weeds Controlled/Rate Charts

Apply "Assure" II Herbicide for control of the grasses listed below at the range indicated.

	Application (Inches)	"Assure" II Oz Product/A***
Annual Grasses		
Barnyardgrass (<i>Enchinochloa crus-galli</i>)	2-8	8
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)	2-4	8
Crabgrass, large (<i>Digitaria sanguinalis</i>)	2-4*	8
Crabgrass, Smooth (<i>Digitaria ischaemum</i>)	2-6*	8
Crowfootgrass (<i>Dactyloctenium aegyptium</i>)	2-6	8
Downy brome (<i>Bromus tectorum</i> L.)	2-4	8
Fall panicum (<i>Panicum dichotomiflorum</i>)	2-6	8
Field Sandbur (<i>Cenchrus incertus</i>)	2-6	8
Foxtails:		
Bristly foxtail (<i>Setaria verticillata</i>)	2-4	8
Giant (<i>Setaria faberi</i>)	2-8	8
Green (<i>Setaria viridis</i>)	2-4	8
Yellow (<i>Setaria lutescens</i>)	2-4	8
Goosegrass (<i>Eleusine indica</i>)	2-6*	8
Itchgrass (<i>Rottboellia exaltata</i>)	2-8	8
Johnsongrass, seedling (<i>Sorghum halepense</i>)	2-6	6
Junglerice (<i>Echinochloa colozum</i>)	2-4	8
Red Rice (<i>Oryza sativa</i>)	1-4	10
Shattercane (<i>Sorghum bicolor</i>)	6-10	6
Soft chess (<i>Bromus mollis</i> L.)	2-6	10
Spangletop (<i>Leptochloa filiformis</i>)	2-6	8
Texas panicum (<i>Panicum texanum</i>)	2-4	8
Volunteer Cereals:		
Wheat (<i>Triticum aestivum</i>)	2-6	8
Barley (<i>Hordeum vulgare</i>)	2-6	8
Oats (<i>Avena sativa</i>)	2-6	8
Rye (<i>Secale cereale</i>)	2-6	8
Volunteer corn (<i>Zea mays</i>)	6-10	6
Wild oat (<i>Avena fatua</i>)	2-6	8
Wild-proso millet (<i>Panicum miliaceum</i>)	2-6	6
Witchgrass (<i>Panicum capillare</i>)	2-6	8
Woolly Cupgrass (<i>Eriochloa villosa</i>)	2-4**	10

Size at

44 12

Perennial Grasses	Application (Inches)	"Assure" II Oz Product/A
Bermudagrass (<i>Cynodon dactylon</i>) (or up to 6" runners)	3" tall	10
Johnsongrass, rhizome (<i>Sorghum halepense</i>)	10-16	10
Quackgrass (<i>Agropyron repens</i>)	6-10	10
Wirestem Muhly (<i>Muhlenbergia frondosa</i>)	4-8	8

If perennial grasses regrow, reapply ASSURE II at 6-7 oz per acre. Application timing should be as follows: bermudagrass (3" tall or up to 6" runners), rhizome johnsongrass (6"-10"), quackgrass (4"-8"), wirestem muhly (4"-8").

*Length of lateral growth

**Size in height or diameter, whichever is more restrictive. Applications to plants with more than three tillers may result in unsatisfactory control.

***For annual and perennial grasses, up to 12 oz per acre may be applied, based on local recommendations.

Spray Additives

Always include a nonphytotoxic petroleum based crop oil concentrate at 1% v/v (4 qts/100 gals) or a nonionic surfactant at 0.25% v/v (1 qt/100 gals). Crop oil concentrate is the preferred adjuvant in arid areas.

Tank Mix Applications

Do not tankmix "Assure" II with any pesticide or spray adjuvant except as directed on this label or on other supplemental labels.

Sequential Applications with Post Broadleaf Herbicides

NOTE: Reduction in grass control is possible when "Assure" II is applied immediately prior to or sequentially after an application of a post broadleaf herbicide. Observe the following recommendations:

- After applying "Assure" II, wait a minimum of 24 hours before applying a post broadleaf herbicide.
- In fields treated with a post broadleaf herbicide, do not apply "Assure" II until grass plants begin to develop new leaves (generally 7 days after the post broadleaf herbicide application).

Precautions

- Rainfall within 1 hour of application will reduce grass control from "Assure" II.
- Applications to grassy weeds suffering stress from lack of moisture, cold, herbicide injury, and insect or disease injury may result in reduced control. A sequential application of ASSURE II at 6-12 oz per acre after growth resumes may be necessary for satisfactory control.
- Information with Assure II is available on the following types of snap beans:
Phaseolus spp. (lima beans, navy beans, pinto beans, and snap beans);
Vicia faba (broad beans, and fava beans);
(Snap refers to the succulent bean of any kind eaten whole with immature seeds.)
Dupont recommends that you first consult your state experiment station, university, or extension agent as to information on any other type of Snap Bean. If no information is available, limit the initial use of Assure II to a small area.
- Applications of Assure II to crops under stress (such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures) may result in crop injury, or injury that is more enhanced or prolonged. Before making applications of

Assure II to crops previously under stress, or injured from other pesticide applications, the crop needs to be fully recovered and growing vigorously.

Restrictions

- Do not apply "Assure" II within 15 days of harvest.
- The maximum use rate of "Assure" II is 14 oz per acre per season.
- Do not graze treated fields or harvest for forage or hay.
- Do not apply "Assure" II through any type of irrigation system.
- Most grass crops, including wheat, barley, rye, oats, sorghum, rice, and corn are highly sensitive to "Assure" II Herbicide and all direct or indirect contact (such as spray drift) should be avoided.

Resistance

Biotypes of certain weeds listed on this label are resistant to Assure II, and other herbicides with the same mode of action,* even at exaggerated application rates. Biotypes are naturally occurring individuals of a species identical in appearance but with slightly different genetic compositions; the mode of action of a herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to respray problem areas using a product with a different mode of action. If resistant weed biotypes (such as Wild Oats), are suspected or known to be present, consider using a planned herbicide rotation program to help control these biotypes. To better manage weed resistance when using ASSURE II use a combination of tillage and sequential herbicide applications that have a different mode of action than ASSURE II, to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area. It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes.

* Naturally occurring weed biotypes that are resistant to Hoelon or Poast, will also be resistant to Assure II.

IMPORTANT

BEFORE USING "ASSURE" II, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

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

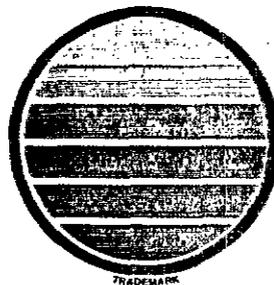
012798

(Replaces H-63126)



DuPont Agricultural Products

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



**ASSURE® II HERBICIDE
FOR POSTEMERGENCE
GRASS CONTROL IN
DRY BEANS**

ASSURE® II HERBICIDE

EPA REG. NO. 352-541

FOR POSTEMERGENCE GRASS CONTROL IN DRY BEANS

DIRECTIONS FOR USE

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

DuPont "Assure" II Herbicide is a selective postemergence herbicide recommended for control of annual and perennial grasses in dry beans. Applied at recommended rates and timings, "Assure" II Herbicide will control emerged grasses. Subsequent flushes of grasses require additional treatment.

HOW TO USE

Ground Application

Broadcast Application

- Use flat fan or hollow cone nozzles at 25-60 psi.
- Do not use flood, rain drop, whirl chamber, or any other nozzle types that produce coarse, large spray droplets. In addition, do not use controlled droplet applicator (CDA) type nozzles as poor weed control or excessive spray drift may result.
- Use a minimum of 10 gal of water per acre
- Increase spray volume and pressure as weed or crop density and size increase.
- Do not exceed 40 gal of water per acre or control will be reduced.
- Adjust the boom and nozzle height according to the nozzle manufacturer's specifications to obtain proper spray coverage.

Aerial Application

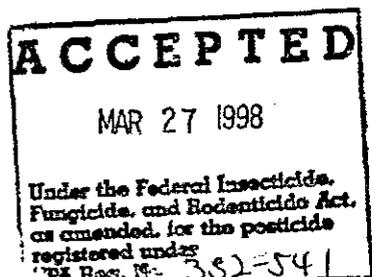
- Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage.
- Use a minimum of 3 gal of water per acre.
- Do not apply during a temperature inversion, when winds are gusty, or when other conditions favor poor coverage and/or off-target spray movement.

See full label for spray drift management and sprayer cleanout directions.

Weeds Controlled/Rate Charts

Apply "Assure" II Herbicide for control of the grasses listed below at the range indicated.

Annual Grasses	Size at	
	Application (Inches)	"Assure" II Oz Product/A***
Barnyardgrass (<i>Echinochloa crus-galli</i>)	2-8	8
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)	2-4	8
Crabgrass, large (<i>Digitaria sanguinalis</i>)	2-4*	8
Crabgrass, Smooth (<i>Digitaria ischaemum</i>)	2-6*	8
Crowfootgrass (<i>Dactyloctenium aegyptium</i>)	2-6	8
Downy brome (<i>Bromus tectorum</i> L.)	2-4	8
Fall panicum (<i>Panicum dichotomiflorum</i>)	2-6	8
Field Sandbur (<i>Cenchrus incertus</i>)	2-6	8
Foxtails:		
Bristly foxtail (<i>Setaria verticillata</i>)	2-4	8
Giant (<i>Setaria faberi</i>)	2-8	8
Green (<i>Setaria viridis</i>)	2-4	8
Yellow (<i>Setaria lutescens</i>)	2-4	8
Goosegrass (<i>Eleusine indica</i>)	2-6*	8
Itchgrass (<i>Rottboellia exaltata</i>)	2-8	8
Johnsongrass, seedling (<i>Sorghum halepense</i>)	2-6	6
Jungle rice (<i>Echinochloa colonum</i>)	2-4	8
Red Rice (<i>Oryza sativa</i>)	1-4	10
Shattercane (<i>Sorghum bicolor</i>)	6-10	6
Soft chess (<i>Bromus mollis</i> L.)	2-6	10
Spangletop (<i>Leptochloa filiformis</i>)	2-6	8
Texas panicum (<i>Panicum texanum</i>)	2-4	8
Volunteer Cereals:		
Wheat (<i>Triticum aestivum</i>)	2-6	8
Barley (<i>Hordeum vulgare</i>)	2-6	8
Oats (<i>Avena sativa</i>)	2-6	8
Rye (<i>Secale cereale</i>)	2-6	8
Volunteer corn (<i>Zea mays</i>)	6-10	6
Wild oat (<i>Avena fatua</i>)	2-6	8
Wild-proso millet (<i>Panicum miliaceum</i>)	2-6	6
Witchgrass (<i>Panicum capillare</i>)	2-6	8
Woolly Cupgrass (<i>Eriochloa villosa</i>)	2-4**	10



Perennial Grasses	Size at Application (Inches)	"Assure" II Oz Product/A
Bermudagrass (<i>Cynodon dactylon</i>)	3" tall (or up to 6" runners)	10
Johnsongrass, rhizome (<i>Sorghum halepense</i>)	10-16	10
Quackgrass (<i>Agropyron repens</i>)	6-10	10
Wirestem Muhly (<i>Muhlenbergia frondosa</i>)	4-8	8

If perennial grasses regrow, reapply ASSURE II at 6-7 oz per acre. Application timing should be as follows: bermudagrass (3" tall or up to 6" runners), rhizome johnsongrass (6"-10"), quackgrass (4"-8"), wirestem muhly (4"-8").

*Length of lateral growth

**Size in height or diameter, whichever is more restrictive. Applications to plants with more than three tillers may result in unsatisfactory control.

***For annual and perennial grasses, up to 12 oz per acre may be applied, based on local recommendations.

Spray Additives

Always include a nonphytotoxic petroleum based crop oil concentrate at 1% v/v (4 qts/100 gals) or a nonionic surfactant at 0.25% v/v (1 qt/100 gals). Crop oil concentrate is the preferred adjuvant in arid areas.

Tank Mix Applications

Do not tankmix "Assure" II with any pesticide or spray adjuvant except as directed on this label or on other supplemental labels.

"Assure" II may be tank mixed with Basagran¹. When tank mixing "Assure" II with "Basagran", annual grass antagonism can be minimized by increasing the recommended rate of "Assure" by 2 ounces. Perennial grasses may require a sequential application for acceptable control. Refer to the "Basagran" label for information regarding rates, weeds controlled, use restrictions, rotational cropping recommendations, sprayer cleanup, use precautions and other information. The most restrictive provisions on either label will apply.

Sequential Applications with Post Broadleaf Herbicides

NOTE: Reduction in grass control is possible when "Assure" II is applied immediately prior to or sequentially after an application of a post broadleaf herbicide. Observe the following recommendations:

- After applying "Assure" II, wait a minimum of 24 hours before applying a post broadleaf herbicide.
- In fields treated with a post broadleaf herbicide, do not apply "Assure" II until grass plants begin to develop new leaves (generally 7 days after the post broadleaf herbicide application).

Precautions

- Rainfall within 1 hour of application will reduce grass control from "Assure" II.
- Applications to grassy weeds suffering stress from lack of moisture, cold, herbicide injury, and insect or disease injury may result in reduced control. A sequential application of ASSURE II at 6-12 oz per acre after growth resumes may be necessary for satisfactory control.
- Information with Assure II is available on the following types of dry beans:
 - Phaseolus spp. (lima beans, navy beans, pinto beans, and snap beans);
 - Vicia faba (broad beans, and fava beans);
 - (Dry Beans refers to all beans above harvested for their dry seed only.)

- DuPont recommends that you first consult your state experiment station, university, or extension agent as to information on any other type of Dry Bean. If no information is available, limit the initial use of Assure II to a small area.
- Applications of Assure II to crops under stress (such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures) may result in crop injury, or injury that is more enhanced or prolonged. Before making applications of Assure II to crops previously under stress, or injured from other pesticide applications, the crop needs to be fully recovered and growing vigorously.

Restrictions

- Do not apply "Assure" II within 30 days of harvest.
- The maximum use rate of "Assure" II is 28 oz per acre per season.
- Do not graze treated fields or harvest for forage or hay.
- Do not apply "Assure" II through any type of irrigation system.
- Most grass crops, including wheat, barley, rye, oats, sorghum, rice, and corn are highly sensitive to "Assure" II Herbicide and all direct or indirect contact (such as spray drift) should be avoided.

Resistance

Biotypes of certain weeds listed on this label are resistant to Assure II, and other herbicides with the same mode of action,* even at exaggerated application rates. Biotypes are naturally occurring individuals of a species identical in appearance but with slightly different genetic compositions; the mode of action of a herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to respray problem areas using a product with a different mode of action. If resistant weed biotypes (such as Wild Oats), are suspected or known to be present, consider using a planned herbicide rotation program to help control these biotypes. To better manage weed resistance when using ASSURE II use a combination of tillage and sequential herbicide applications that have a different mode of action than ASSURE II, to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area. It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes.

* Naturally occurring weed biotypes that are resistant to Hoelon or Poast, will also be resistant to Assure II.

IMPORTANT

BEFORE USING "ASSURE" II, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

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

012798
(Replaces H-63125)

PM 25

352-541

3-27-98

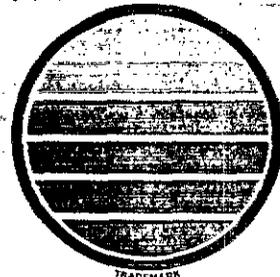
7/12

SUPPLEMENTAL LABELING



DuPont Agricultural Products

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



**ASSURE® II HERBICIDE
FOR POSTEMERGENCE
GRASS CONTROL IN
CANOLA AND CRAMBE**

ASSURE® II HERBICIDE

EPA REG. NO. 352-541

FOR POSTEMERGENCE GRASS CONTROL IN CANOLA AND CRAMBE

DIRECTIONS FOR USE

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

DuPont "Assure" II Herbicide is a selective postemergence herbicide recommended for control of annual and perennial grasses in canola and crambe. Applied at recommended rates and timings, "Assure" II Herbicide will control emerged grasses. Subsequent flushes of grasses require additional treatment.

HOW TO USE

Ground Application

Broadcast Application

- Use flat fan or hollow cone nozzles at 25-60 psi.
- Do not use flood, rain drop, whirl chamber, or any other nozzle types that produce coarse, large spray droplets. In addition, do not use controlled droplet applicator (CDA) type nozzles as poor weed control or excessive spray drift may result.
- Use a minimum of 10 gal of water per acre
- Increase spray volume and pressure as weed or crop density and size increase.
- Do not exceed 40 gal of water per acre or control will be reduced.
- Adjust the boom and nozzle height according to the nozzle manufacturer's specifications to obtain proper spray coverage.

Aerial Application

- Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage.
- Use a minimum of 3 gal of water per acre.
- Do not apply during a temperature inversion, when winds are gusty, or when other conditions favor poor coverage and/or off-target spray movement.

See full label for spray drift management and sprayer cleanout directions.

Weeds Controlled/Rate Charts

Apply "Assure" II Herbicide for control of the grasses listed below at the range indicated.

Annual Grasses	Size at Application (Inches)	"Assure" II Oz Product/A***
Barnyardgrass (<i>Echinochloa crus-galli</i>)	2-4	8
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)	2-4	8
Crabgrass, large (<i>Digitaria sanguinalis</i>)	2-4*	8
Crabgrass, Smooth (<i>Digitaria ischaemum</i>)	2-6*	8
Crowfootgrass (<i>Dactyloctenium aegyptium</i>)	2-6	8
Downy brome (<i>Bromus tectorum</i> L.)	2-4	8
Fall panicum (<i>Panicum dichotomiflorum</i>)	2-6	8
Field Sandbur (<i>Cenchrus incertus</i>)	2-6	8
Foxtails:		
Bristly foxtail (<i>Setaria verticillata</i>)	2-4	8
Giant (<i>Setaria faberi</i>)	2-8	8
Green (<i>Setaria viridis</i>)	2-4	8
Yellow (<i>Setaria lutescens</i>)	2-4	8
Goosegrass (<i>Eleusine indica</i>)	2-6*	8
Itchgrass (<i>Rottboellia exaltata</i>)	2-8	8
Johnsongrass, seedling (<i>Sorghum halepense</i>)	2-6	6
Junglerice (<i>Echinochloa colonum</i>)	2-4	8
Red Rice (<i>Oryza sativa</i>)	1-4	10
Shattercane (<i>Sorghum bicolor</i>)	6-10	6
Soft chess (<i>Bromus mollis</i> L.)	2-6	10
Spangletop (<i>Leptochloa filiformis</i>)	2-6	8
Texas panicum (<i>Panicum texanum</i>)	2-4	8
Volunteer Cereals:		
Wheat (<i>Triticum aestivum</i>)	2-4	8
Barley (<i>Hordeum vulgare</i>)	2-4	8
Oats (<i>Avena sativa</i>)	2-4	8
Rye (<i>Secale cereale</i>)	2-4	8
Volunteer corn (<i>Zea mays</i>)	6-10	6
Wild oat (<i>Avena fatua</i>)	2-6	8
Wild-proso millet (<i>Panicum miliaceum</i>)	2-6	6
Witchgrass (<i>Panicum capillare</i>)	2-6	8
Woolly Cupgrass (<i>Eriochloa villosa</i>)	2-4**	10

ACCEPTED
MAR 27 1998
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-541

Perennial Grasses	Size at Application (Inches)	"Assure" II Oz Product/A
Bermudagrass (<i>Cynodon dactylon</i>)	3" tall (or up to 6" runners)	10
Johnsongrass, rhizome (<i>Sorghum halepense</i>)	10-16	10
Quackgrass (<i>Agropyron repens</i>)	6-10	10
Wirestem Muhly (<i>Muhlenbergia frondosa</i>)	4-8	

If perennial grasses regrow, reapply ASSURE II at 6-7 oz per acre. Application timing should be as follows: bermudagrass (3" tall or up to 6" runners), rhizome johnsongrass (6"-10"), quackgrass (4"-8"), wirestem muhly (4"-8").

*Length of lateral growth

**Size in height or diameter, whichever is more restrictive. Applications to plants with more than three tillers may result in unsatisfactory control.

***For annual and perennial grasses, up to 12 oz per acre may be applied, based on local recommendation

Spray Additives

Always include a nonphytotoxic petroleum based crop oil concentrate at 1% v/v (4 qts/100 gals) or a nonionic surfactant at 0.25% v/v (1 qt/100 gals). Crop oil concentrate is the preferred adjuvant in acid areas.

Tank Mix Applications

Do not tankmix "Assure" II with any pesticide or spray adjuvant except as directed on this label or on other supplemental labels.

Sequential Applications with Post Broadleaf Herbicides

NOTE: Reduction in grass control is possible when "Assure" II is applied immediately prior to or sequentially after an application of a post broadleaf herbicide. Observe the following recommendations:

- After applying "Assure" II, wait a minimum of 24 hours before applying a post broadleaf herbicide.
- In fields treated with a post broadleaf herbicide, do not apply "Assure" II until grass plants begin to develop new leaves (generally 7 days after the post broadleaf herbicide application).

Precautions

- Rainfall within 1 hour of application will reduce grass control from "Assure" II.
- Applications to grassy weeds suffering stress from lack of moisture, cold, herbicide injury, and insect or disease injury may result in reduced control. A sequential application of ASSURE II at 6-12 oz per acre after growth resumes may be necessary for satisfactory control.
- Applications of Assure II to crops under stress (such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures) may result in crop injury, or injury that is more enhanced or prolonged. Before making applications of Assure II to crops previously under stress, or injured from other pesticide applications, the crop needs to be fully recovered and growing vigorously.

Restrictions

- Do not apply "Assure" II within 60 days of harvest.
- The maximum use rate of "Assure" II is 18 oz per acre per season.
- Do not graze treated fields or harvest for forage or hay.

- Do not apply after the crop reaches the flowering stage.
- Do not apply "Assure" II through any type of irrigation system.
- Most grass crops, including wheat, barley, rye, oats, sorghum, rice, and corn are highly sensitive to "Assure" II Herbicide and all direct or indirect contact (such as spray drift) should be avoided.

Resistance

Biotypes of certain weeds listed on this label are resistant to Assure II, and other herbicides with the same mode of action,* even at exaggerated application rates. Biotypes are naturally occurring individuals of a species identical in appearance but with slightly different genetic compositions; the mode of action of a herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to respray problem areas using a product with a different mode of action. If resistant weed biotypes (such as Wild Oats), are suspected or known to be present, consider using a planned herbicide rotation program to help control these biotypes. To better manage weed resistance when using ASSURE II use a combination of tillage and sequential herbicide applications that have a different mode of action than ASSURE II, to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area. It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes.

* Naturally occurring weed biotypes that are resistant to Hoelon or Poast, will also be resistant to Assure II.

IMPORTANT

BEFORE USING "ASSURE" II, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

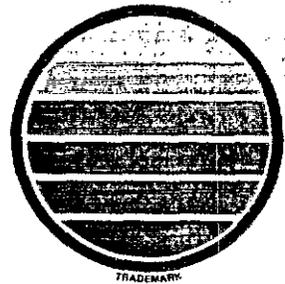
This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

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

012798
(Replaces H-63124)



DuPont Agricultural Products
 "..... A Growing Partnership With Nature"



ASSURE® II HERBICIDE
 FOR POSTEMERGENCE
 GRASS CONTROL IN
 LENTILS

ASSURE® II HERBICIDE

EPA REG. NO. 352-541

FOR POSTEMERGENCE GRASS CONTROL IN LENTILS

DIRECTIONS FOR USE

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

DuPont "Assure" II Herbicide is a selective postemergence herbicide recommended for control of annual and perennial grasses in lentils. Applied at recommended rates and timings, "Assure" II Herbicide will control emerged grasses. Subsequent flushes of grasses require additional treatment.

HOW TO USE

Ground Application

Broadcast Application

- Use flat fan or hollow cone nozzles at 25-60 psi.
- Do not use flood, rain drop, whirl chamber, or any other nozzle types that produce coarse, large spray droplets. In addition, do not use controlled droplet applicator (CDA) type nozzles as poor weed control or excessive spray drift may result.
- Use a minimum of 10 gal of water per acre
- Increase spray volume and pressure as weed or crop density and size increase.
- Do not exceed 40 gal of water per acre or control will be reduced.
- Adjust the boom and nozzle height according to the nozzle manufacturer's specifications to obtain proper spray coverage.

Aerial Application

- Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage.
- Use a minimum of 3 gal of water per acre.
- Do not apply during a temperature inversion, when winds are gusty, or when other conditions favor poor coverage and/or off-target spray movement.

See full label for spray drift management and sprayer cleanout directions.

Weeds Controlled/Rate Charts

Apply "Assure" II Herbicide for control of the grasses listed below at the range indicated.

Weeds Controlled	Application "Assure" II Oz	
	Size at (Inches)	Product/A***
Annual Grasses		
Barnyardgrass (<i>Echinochloa crus-galli</i>)	2-8	8
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)	2-4	8
Crabgrass, large (<i>Digitaria sanguinalis</i>)	2-4 *	8
Crabgrass, Smooth (<i>Digitaria ischaemum</i>)	2-6*	8
Crowfootgrass (<i>Dactyloctenium aegyptium</i>)	2-6	8
Downy brome (<i>Bromus tectorum L.</i>)	2-4	8
Fall panicum (<i>Panicum dichotomiflorum</i>)	2-6	8
Field Sandbur (<i>Cenchrus incertus</i>)	2-6	8
Foxtails:		
Bristly foxtail (<i>Setaria verticillata</i>)	2-4	8
Giant (<i>Setaria faberi</i>)	2-8	8
Green (<i>Setaria viridis</i>)	2-4	8
Yellow (<i>Setaria lutescens</i>)	2-4	8
Goosegrass (<i>Eleusine indica</i>)	2-6*	8
Itchgrass (<i>Rottboellia exaltata</i>)	2-8	8
Johnsongrass, seedling (<i>Sorghum halepense</i>)	2-6	6
Junglerice (<i>Echinochloa colonum</i>)	2-4	8
Red Rice (<i>Oryza sativa</i>)	1-4	10
Shattercane (<i>Sorghum bicolor</i>)	6-10	6
Soft chess (<i>Bromus mollis L.</i>)	2-6	10
Spangletop (<i>Leptochloa filiformis</i>)	2-6	8
Texas panicum (<i>Panicum texanum</i>)	2-4	8
Volunteer Cereals:		
Wheat (<i>Triticum aestivum</i>)	2-6	8
Barley (<i>Hordeum vulgare</i>)	2-6	8
Oats (<i>Avena sativa</i>)	2-6	8
Rye (<i>Secale cereale</i>)	2-6	8
Volunteer corn (<i>Zea mays</i>)	6-10	6
Wild oat (<i>Avena fatua</i>)	2-6	8
Wild-proso millet (<i>Panicum miliaceum</i>)	2-6	6
Witchgrass (<i>Panicum capillare</i>)	2-6	8
Woolly Cupgrass (<i>Eriochloa villosa</i>)	2-4**	10

For product information call 1-888-6-DUPONT

© 1998 E. I. du Pont de Nemours and Company, Agricultural Products, Wilmington, Delaware 19898

10812

Perennial Grasses	Size at Application (Inches)	"Assure" II Oz Product/A
Bermudagrass (<i>Cynodon dactylon</i>)	3" tall (or up to 6" runners)	10
Johnsongrass, rhizome (<i>Sorghum halepense</i>)	10-16	10
Quackgrass (<i>Agropyron repens</i>)	6-10	10
Wirestem Muhly (<i>Muhlenbergia frondosa</i>)	4-8	8

If perennial grasses regrow, reapply ASSURE II at 6-7 oz per acre. Application timing should be as follows: bermudagrass (3" tall or up to 6" runners), rhizome johnsongrass (6"-10"), quackgrass (4"-8"), wirestem muhly (4"-8").

*Length of lateral growth

**Size in height or diameter, whichever is more restrictive. Applications to plants with more than three tillers may result in unsatisfactory control.

***For annual and perennial grasses, up to 12 oz per acre may be applied, based on local recommendations.

Spray Additives

Always include a nonphytotoxic petroleum based crop oil concentrate at 1% v/v (4 qts/100 gals) or a nonionic surfactant at 0.25% v/v (1 qt/100 gals). Crop oil concentrate is the preferred adjuvant in arid areas.

Tank Mix Applications

Tank mixtures of "Assure" II with any pesticide or spray adjuvant is not recommended except as directed on this label or on other supplemental labels.

Sequential Applications with Post Broadleaf Herbicides

NOTE: Reduction in grass control is possible when "Assure" II is applied immediately prior to or sequentially after an application of a post broadleaf herbicide. Observe the following recommendations:

- After applying "Assure" II, wait a minimum of 24 hours before applying a post broadleaf herbicide.
- In fields treated with a post broadleaf herbicide, do not apply Assure II until grass plants begin to develop new leaves (generally 7 days after the post broadleaf herbicide application).

Precautions

- Applications of Assure II to crops under stress (such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures) may result in crop injury, or injury that is more enhanced or prolonged. Before making applications of Assure II to crops previously under stress, or injured from other pesticide applications, the crop needs to be fully recovered and growing vigorously.
- Rainfall within 1 hour of application will reduce grass control from "Assure" II.

• Applications to grassy weeds suffering stress from lack of moisture, cold, herbicide injury, and insect or disease injury may result in reduced control. A sequential application of ASSURE II at 6-12 oz per acre after growth resumes may be necessary for satisfactory control.

Restrictions

- Do not apply Assure II within 60 days of harvest.
- The maximum use rate of "Assure" II is 14 oz per acre per season.
- Do not graze treated fields or harvest for forage or hay.
- Do not apply "Assure" II through any type of irrigation system.
- Most grass crops, including wheat, barley, rye, oats, sorghum, rice, and corn are highly sensitive to "Assure" II Herbicide and all direct or indirect contact (such as spray drift) should be avoided.

Resistance

Biotypes of certain weeds listed on this label are resistant to Assure II, and other herbicides with the same mode of action, even at exaggerated application rates. Biotypes are naturally occurring individuals of a species identical in appearance but with slightly different genetic compositions; the mode of action of a herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to respray problem areas using a product with a different mode of action. If resistant weed biotypes (such as Wild Oats), are suspected or known to be present, consider using a planned herbicide rotation program to help control these biotypes. To better manage weed resistance when using ASSURE II use a combination of tillage and sequential herbicide applications that have a different mode of action than ASSURE II, to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area. It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes.

* Naturally occurring weed biotypes that are resistant to Hoelon or Poast, will also be resistant to Assure II.

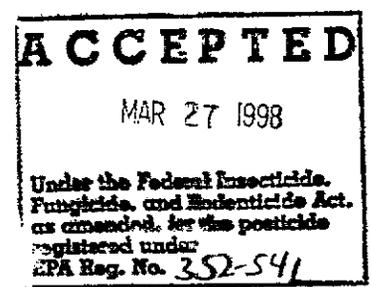
IMPORTANT

BEFORE USING "ASSURE" II, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

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

012798
(Replaces H-63129)



For product information call 1-888-6-DUPONT
© 1998 E. I. du Pont de Nemours and Company, Agricultural Products, Wilmington, Delaware 19898



DuPont Agricultural Products

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



SUPPLEMENTAL LABELING

ASSURE® II HERBICIDE
FOR POSTEMERGENCE
GRASS CONTROL IN
SUGAR BEET

ASSURE® II HERBICIDE

EPA REG. NO. 352-541

FOR POSTEMERGENCE GRASS CONTROL IN SUGAR BEET

DIRECTIONS FOR USE

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

DuPont "Assure" II Herbicide is a selective postemergence herbicide recommended for control of annual and perennial grasses in sugar beet. Applied at recommended rates and timings, "Assure" II Herbicide will control emerged grasses. Subsequent flushes of grasses require additional treatment.

HOW TO USE

Ground Application

Broadcast Application

- Use flat fan or hollow cone nozzles at 25-60 psi.
- Do not use flood, rain drop, whirl chamber, or any other nozzle types that produce coarse, large spray droplets. In addition, do not use controlled droplet applicator (CDA) type nozzles as poor weed control or excessive spray drift may result.
- Use a minimum of 10 gal of water per acre
- Increase spray volume and pressure as weed or crop density and size increase.
- Do not exceed 40 gal of water per acre or control will be reduced.
- Adjust the boom and nozzle height according to the nozzle manufacturer's specifications to obtain proper spray coverage.

Aerial Application

- Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage.
- Use a minimum of 3 gal of water per acre.
- Do not apply during a temperature inversion, when winds are gusty, or when other conditions favor poor coverage and/or off-target spray movement.

See full label for spray drift management and sprayer cleanout directions.

Weeds Controlled/Rate Charts

Apply "Assure" II Herbicide for control of the grasses listed below at the range indicated.

Annual Grasses	Application Size at (Inches)	"Assure" II Oz Product/A***
Barnyardgrass (<i>Echinochloa crus-galli</i>)	2-8	8
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)	2-4	8
Crabgrass, large (<i>Digitaria sanguinalis</i>)	2-4*	8
Crabgrass, Smooth (<i>Digitaria ischaemum</i>)	2-6*	8
Crowfootgrass (<i>Dactyloctenium aegyptium</i>)	2-6	8
Downy brome (<i>Bromus tectorum</i> L.)	2-4	8
Fall panicum (<i>Panicum dichotomiflorum</i>)	2-6	8
Field Sandbur (<i>Cenchrus incertus</i>)	2-6	8
Foxtails:		
Bristly foxtail (<i>Setaria verticillata</i>)	2-4	8
Giant (<i>Setaria faberi</i>)	2-8	8
Green (<i>Setaria viridis</i>)	2-4	8
Yellow (<i>Setaria lutescens</i>)	2-4	8
Goosegrass (<i>Eleusine indica</i>)	2-6*	8
Itchgrass (<i>Rottboellia exaltata</i>)	2-8	8
Johnsongrass, seedling (<i>Sorghum halepense</i>)	2-6	6
Junglerice (<i>Echinochloa colonum</i>)	2-4	8
Red Rice (<i>Oryza sativa</i>)	1-4	10
Shattercane (<i>Sorghum bicolor</i>)	6-10	6
Soft chess (<i>Bromus mollis</i> L.)	2-6	10
Spangletop (<i>Leptochloa filiformis</i>)	2-6	8
Texas panicum (<i>Panicum texanum</i>)	2-4	8
Volunteer Cereals:		
Wheat (<i>Triticum aestivum</i>)	2-6	8
Barley (<i>Hordeum vulgare</i>)	2-6	8
Oats (<i>Avena sativa</i>)	2-6	8
Rye (<i>Secale cereale</i>)	2-6	8
Volunteer corn (<i>Zea mays</i>)	6-10	6
Wild oat (<i>Avena fatua</i>)	2-6	8
Wild-proso millet (<i>Panicum miliaceum</i>)	2-6	6
Witchgrass (<i>Panicum capillare</i>)	2-6	8
Woolly Cupgrass (<i>Eriochloa villosa</i>)	2-4**	10

For product information call 1-888-6-DUPONT

© 1998 E. I. du Pont de Nemours and Company, Agricultural Products, Wilmington, Delaware 19898

12612

Perennial Grasses	Size at Application (Inches)	"Assure" II Oz Product/A
Bermudagrass (<i>Cynodon dactylon</i>) (or up to 6" runners)	3" tall	10
Johnsongrass, rhizome (<i>Sorghum halepense</i>)	10-16	10
Quackgrass (<i>Agropyron repens</i>)	6-10	10
Wirestem Mully (<i>Muhlenbergia frondosa</i>)	4-8	8

If perennial grasses regrow, reapply ASSURE II at 6-7 oz per acre. Application timing should be as follows: bermudagrass (3" tall or up to 6" runners), rhizome johnsongrass (6"-10"), quackgrass (4"-8"), wirestem mully (4"-8").

***Length of lateral growth**

**Size in height or diameter, whichever is more restrictive. Applications to plants with more than three tillers may result in unsatisfactory control.

***For annual and perennial grasses, up to 12 oz per acre may be applied, based on local recommendations.

Spray Additives

Always include a nonphytotoxic petroleum based crop oil concentrate at 1% v/v (4 qts/100 gals) or a nonionic surfactant at 0.25% v/v (1 qt/100 gals). Crop oil concentrate is the preferred adjuvant in arid areas.

Tank Mix Applications

Tank mixtures of "Assure" II with any pesticide or spray adjuvant is not recommended except as directed on this label or on other supplemental labels.

Tank mixes of "Assure" II with postemergence broadleaf herbicides may result in reduced grass control. If grass control is reduced, an additional application of "Assure" II may be required after grass plants begin to develop new leaves.

Sequential Applications with Post Broadleaf Herbicides

NOTE: Reduction in grass control is possible when "Assure" II is applied immediately prior to or sequentially after an application of a post broadleaf herbicide. Observe the following recommendations:

- After applying "Assure" II, wait a minimum of 24 hours before applying a post broadleaf herbicide.
- In fields treated with a post broadleaf herbicide, reduced control may result if applications of "Assure" II are made prior to grass plants beginning to develop new leaves (generally 5-7 days after the post broadleaf herbicide application).

Precautions

- Applications of Assure II to crops under stress (such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures) may result in crop injury, or injury that is more enhanced or prolonged. Before making applications of Assure II to crops previously under stress, or injured from other pesticide applications, the crop needs to be fully recovered and growing vigorously.
- Rainfall within 1 hour of application will reduce grass control from "Assure" II.

- Applications to grassy weeds suffering stress from lack of moisture, cold, herbicide injury, and insect or disease injury may result in reduced control. A sequential application of ASSURE II at 6-12 oz per acre after growth resumes may be necessary for satisfactory control.

Restrictions

- Do not apply Assure II within 45 days of beet harvest.
- The maximum use rate of "Assure" II is 25 oz per acre per season.
- Do not feed beet tops within 60 days of last application.
- Do not apply more than 4 applications per acre per season. Application intervals should be greater than 7 days apart to allow regrowth to occur.
- Do not apply "Assure" II through any type of irrigation system.
- Most grass crops, including wheat, barley, rye, oats, sorghum, rice, and corn are highly sensitive to "Assure" II Herbicide and all direct or indirect contact (such as spray drift) should be avoided.

Resistance

Biotypes of certain weeds listed on this label are resistant to Assure II, and other herbicides with the same mode of action,* even at exaggerated application rates. Biotypes are naturally occurring individuals of a species identical in appearance but with slightly different genetic compositions; the mode of action of a herbicide is the chemical interaction that interrupts a biological process necessary for plant growth and development.

If weed control is unsatisfactory, it may be necessary to respray problem areas using a product with a different mode of action. If resistant weed biotypes (such as Wild Oats), are suspected or known to be present, consider using a planned herbicide rotation program to help control these biotypes. To better manage weed resistance when using ASSURE II use a combination of tillage and sequential herbicide applications that have a different mode of action than ASSURE II, to control escaped weeds. Do not let weed escapes go to seed.

Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for specific alternative herbicide recommendations available in your area. It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes.

* Naturally occurring weed biotypes that are resistant to Hoelon or Poast, will also be resistant to Assure II.

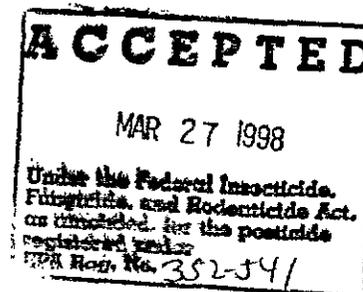
IMPORTANT

BEFORE USING "ASSURE" II, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

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

012798
(Replaces H-63206)



For product information call 1-888-6-DUPONT
© 1998 E. I. du Pont de Nemours and Company, Agricultural Products, Wilmington, Delaware 19898