

PLEASE NOTE

This image contains more than one label approved for this product on this date.

62719-613

8/21/2012

1/21



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Dr Darin Lickfeldt
Regulatory Leader – Regulatory Affairs
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis IN 46268 1054

AUG 21 2012

Subject Correcting Maximum Seasonal Application Rates and Clarifying Leaf Stage Text
Active Ingredient Cyhalofop butyl
Product Name Clincher GR
EPA Registration Number 62719 613
Decision Number 468785
Submission Date August 2 2012

Dear Dr Lickfeldt

The label amendment referred to above submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended is acceptable

Products shipped after 18 months from the date on this notice or the next printing of the master label whichever occurs first, must bear the new label language If these conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA Your release for shipment of this product constitutes acceptance of these conditions As required, you must submit one copy of the final printed label before the product is released for shipment If you have any questions please contact Michael Walsh by phone at (703) 308 2972 or via email at walsh michael@epa gov

Sincerely

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V Montague
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

2/21

[Sub Label A Use in California]

(Base label)

Clincher® GR

Herbicide

For selective weed control in California water seeded rice

Active Ingredient(s)	
cyhalofop 2 [4 (4 cyano 2 fluorphenoxy)	
phenoxy] propanoic acid	
butyl ester (R)	1 8%
Other Ingredients	98 2%
Total	100 0%

Contains 1 8 lb of active ingredient per 100 lb of product

Keep Out of Reach of Children

COULFIELD
AUG 21 2012
Real Insecticide
of the Act
of 1988
62714 613

Precautionary Statements

Hazards to Humans and Domestic Animals

Personal Protective Equipment (PPE)

Applicators and other handlers must wear

- Long sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark, except when treating rice fields as specified in this product label. Drift from ground or aerial applications is likely to result in damage to sensitive aquatic organisms in water bodies adjacent to the treatment area. Do not contaminate water when disposing of equipment washwaters or rinsate.

NOTE: See Surface Water and Groundwater advisories in label booklet under Environmental Hazards.

Agricultural Use Requirements

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

(Storage and Disposal for rigid containers 5 gal or less)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures

allowed by state and local authorities

(Storage and Disposal for nonrigid containers any size)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in original container in a cool dry place In case of leak or spill contain material and dispose as waste

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Nonrefillable container Do not reuse or refill this container Completely empty bag into application equipment Then offer for recycling if available or dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

(Storage and Disposal for refillable rigid containers larger than 5 gal)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose

Cleaning the container before final disposal is the responsibility of the person disposing of the container

Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal

empty the remaining contents from this container into application equipment or a mix tank Fill the

container about 10% full with water and if possible spray all sides while adding water If practical

agitate vigorously or recirculate water with the pump for two minutes Pour or pump rinsate into

application equipment or rinsate collection system Repeat this rinsing procedure two more times Then

offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by

other procedures allowed by state and local authorities

(Storage and Disposal for nonrefillable rigid containers larger than 5 gal)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures

allowed by state and local authorities

4/21

Refer to label booklet for Directions for Use

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

In case of emergency endangering health or the environment involving this product call 1 800 992 5994

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

EPA Reg No 62719 613

EPA Est _____

®Trademark of Dow AgroSciences LLC

**Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis IN 46268**

Net Weight ____

5/21

(Cover shipping container)

Clincher® GR

Herbicide

For selective weed control in California water seeded rice

Active Ingredient(s)	
cyhalofop 2 [4 (4 cyano 2 fluorophenoxy)	
phenoxy] propanoic acid	
butyl ester (R)	1 8%
Other Ingredients	98 2%
Total	100 0%

Contains 1 8 lb of active ingredient per 100 lb of product

Keep Out of Reach of Children

Agricultural Use Requirements

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

Refer to inside of label booklet for additional precautionary information including Directions for Use

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

In case of emergency endangering health or the environment involving this product call 1 800 992 5994

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

EPA Reg No 62719 613

EPA Est _____

®Trademark of Dow AgroSciences LLC

**Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis IN 46268**

Net Weight _____

6/21

(Page 1 through end)

Precautionary Statements

Hazards to Humans and Domestic Animals**Personal Protective Equipment (PPE)****Applicators and other handlers must wear**

- Long sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark except when treating rice fields as specified in this product label. Drift from ground or aerial applications is likely to result in damage to sensitive aquatic organisms in water bodies adjacent to the treatment area. Do not contaminate water when disposing of equipment wash waters or rinsate.

Surface Water This chemical can contaminate surface water through spray drift from aerial and ground application equipment. Treated rice paddy water can contaminate surface water through accidental release or overflow, or by deliberate release due to normal growing practices, including interim or final release of flood water at harvest.

Groundwater This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water is

Coveralls over long sleeved shirt and long pants

- Chemical resistant gloves made of any waterproof material
- Shoes plus socks

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Nonrefillable containers 5 gallons or less

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Nonrefillable nonrigid containers

Container Handling Nonrefillable container Do not reuse or refill this container Completely empty bag into application equipment Then offer for recycling if available or dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Refillable containers 5 gallons or larger

Container Handling Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose

Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank Fill the container about 10% full with water and if possible spray all sides while adding water If practical agitate vigorously or recirculate water with the pump for two minutes Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Nonrefillable containers 5 gallons or larger

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Product Information

Clincher® GR herbicide is a postflood postemergence herbicide for selective control of grass weeds in water seeded rice Best results are obtained when Clincher GR is applied directly into flooded rice when grass weeds are at the 1 to 3 5 (1 to 4) leaf stage and grass weeds are 70 to 100% submerged with a water flood depth of 2 to 5 inches Only grass weeds emerged and growing under flooded rice conditions at the time of application are controlled Clincher GR has no preemergence or soil residual activity Clincher GR will not control broadleaf weeds or sedges

Use Precautions and Restrictions

Preharvest Interval Do not apply within 60 days of rice harvest

8/21

Clincher GR may not reliably control known ACC ase resistant weed biotypes

Apply Clincher GR directly into flooded rice field Do not mix Clincher GR in water to make application Do not apply more than 16 lb of product per acre in a single application Do not make more than two applications or apply more than 26.1 lb of product per acre during the growing season Sequential applications must be made at least 10 days apart

Make no more than two applications of any product containing cyhalofop butyl (Clincher GR Clincher CA or Clincher EZ) to the same field in the same year Apply no more than 0.47 lb active ingredient per year

Do not apply to drained rice fields apply only to flooded rice fields Fields must be flooded to a depth of 2 to 5 inches at time of application of Clincher GR and grass weeds are 70 to 100% submerged Applications made to greater than 4 leaf weeds dense weed populations average water depth greater than 5 inches and/or weeds submerged <70% may result in reduced weed control

Do not apply Clincher GR following rainfall until the water depth in checks or basins has been adjusted to meet the correct water depth requirements

Early release of water may result in reduced weed control For best results static water conditions should follow an application of Clincher GR for seven days It is important not to allow the minimum water depth to drop below 2 inches therefore adding water may be required Water should be trickled in or added very slowly

For best results water should not be released for 14 days following an application of Clincher GR During this time water depth should be maintained or can be increased as rice grows

Shallow water or bare ground can result in reduced weed control as it may promote weed flushes Reduced weed control can be expected at field water inlets due to dilution and movement of water Do not apply where runoff or drain water may flow directly onto agricultural land other than rice fields Under poor field preparation practices (i.e. lack of soil aeration unlevelled ground large clods excessive crop residue weeds emerged prior to flooding etc.) reduced weed control may occur when using Clincher GR

Clincher GR has no soil residual weed control activity and grass weeds emerging after treatment will not be controlled

Clincher GR can be used for weed control in water seeded wild rice in states in which the product is registered Follow all use instructions

Do not apply Clincher GR by any ground application equipment

Do not rotate treated land to crops other than rice for three months following an application of Clincher GR

Do not fish or commercially grow fish shellfish or crustaceans on treated acres during the year of treatment

Chemigation Do not apply this product through any type of irrigation system

Best Management Practices for Aerial Application

Equipment used in the application of Clincher GR should be carefully calibrated before use and checked frequently during application to be sure it is working properly and delivering a uniform distribution pattern Avoid overlaps that will increase the dosage of Clincher GR above specified limits Do not mix Clincher GR in water Apply dry product directly into flooded rice fields

Wind Velocity for Aerial Application Aerial applications of Clincher GR should be made when the wind velocity is 0 to 10 mph Do not make aerial applications of Clincher GR when wind speeds are greater than 10 mph

Water Management

Immediately Prior to Application

- Average water depth at application should be maintained at 2 to 5 inches with a minimum water depth of 2 inches in the shallowest part of the field weeds should be submerged 70 to 100% and there should be no exposed soil
- If rainfall occurs prior to application do not apply Clincher GR until water depth in checks or basins can be adjusted to meet the correct water depth requirements

9/21

First Week Following Application

- For best results maintain a static flood for seven days following application
- During the static flood period it is important to maintain a minimum water depth of 2 inches If necessary water can be slowly added or trickled in to maintain water depth
- If water is lost from a basin or check re flood immediately Early release of water will result in reduced weed control
- Failure to maintain the flood depth after an application of Clincher GR may result in reduced weed control

Second Week Following Application

- Following the seven day static flood period for best results water should not be released for an additional seven days
- During this time water depth should be maintained or increased as rice grows
- Shallow water conditions can result in reduced weed control as it may promote additional weed flushes If water is lost from a basin or check re flood immediately Early release of water may result in reduced weed control

At the conclusion of the two week treatment period it is important to manage water flood depth to prevent secondary weed flushes which can occur if water is released or lowered Clincher GR has no soil residual weed control activity and grass weeds emerging after treatment will not be controlled

Avoid Injury to Non Target Plants

Buffer Zones

Buffer zones are defined as the distance between the application site and the sensitive agricultural production crop For aerial applications follow the listed buffers to minimize potential drift to off target vegetation The buffer zones listed below must be followed

Sensitive Agricultural Production Crops	Aerial Restrictions (feet)
non target cereal and grass crops such as corn sugar cane sudangrass sorghum grass grown for seed millet land sod farms	50
peaches and nectarines	200

Drift Management

Avoiding drift is the responsibility of the applicator The interaction of many equipment and weather related factors determine the potential for spray drift The applicator pest control advisor and grower are responsible for considering all of these factors when making the decision to apply this product

Avoid all direct or indirect contact with non target plants Do not apply near desirable vegetation Allow adequate distance between target area and desirable plants to minimize exposure Do not make aerial applications of Clincher GR when wind speeds are greater than 10 mph Where states have more stringent regulations they must be observed

Resistance Management

The mode of action of Clincher GR is the inhibition of the ACC ase enzyme Weed populations may develop biotypes that are resistant to different herbicides with the same mode of action If herbicides with the same mode of action are used repeatedly in the same field resistant biotypes may eventually dominate the weed population and may not be controlled by these products Other resistance mechanisms such as enhanced metabolism may also exist and may cause reduced weed control Clincher GR may not reliably control known ACC ase resistant grass weed biotypes

10/21

This product should be used as part of an Integrated Pest Management (IPM) program that may include biological cultural and chemical practices aimed at preventing economic pest damage. Application of this product should be based upon appropriate IPM and resistance management strategies and practices that delay or reduce the development of resistant weed biotypes. Such practices include field scouting use of weed free crop seed proper water management correct weed pest identification following rotational practices outlined on pesticide labels and treating when target weed populations are at the correct stage and economic thresholds for control. Make no more than two applications of any product containing cyhalofop butyl (Clincher GR and/or Clincher CA) to the same field in the same year.

Application Timing

Application timing is dependent upon the proper grass weed growth stage and optimum timing for weed species present. Clincher GR may be applied to weeds from the 1 to 3.5 (1 to 4) leaf stage up to 60 days before harvest. Within this application window application timing is dependent upon cultural practices and optimum timing for weed species present. (See Application Rates and Weeds Controlled table.)

Application Rates and Weeds Controlled

Weeds Controlled ¹		Application Rates and Stage of Weed Development
Common Name	Scientific Name	16 lb/acre ²
barnyardgrass	<i>Echinochloa crus galli</i>	up to 3.5 (4) leaf stage prior to tillering
bearded sprangletop	<i>Leptochloa fascicularis</i>	
broadleaf signalgrass	<i>Brachiana platyphylla</i>	
early watergrass	<i>Echinochloa oryzoides</i>	
jungle rice	<i>Echinochloa colona</i>	
large crabgrass	<i>Digitaria sanguinalis</i>	
late watergrass	<i>Echinochloa phyllopogon</i>	
red sprangletop	<i>Leptochloa filiformis</i>	

¹Clincher GR may not reliably control known ACC ase resistant grass biotypes

²For a sequential application of Clincher GR following an initial application of 16 lb per acre apply a maximum of 10.1 lb per acre. This will be considered a rescue application and excellent weed control cannot be expected. Allow a minimum of 10 days between sequential applications of Clincher GR with other products containing cyhalofop butyl.

Herbicide Programs

Clincher GR can be applied in sequence either before or after applications of Granite GR. Follow all use instructions and restrictions on all product labels. Follow the specified water depth and rice timing as stated on the label for Granite GR.

Do not apply in combination or sequentially with Londax (bensulfuron) dry formulation or any dry formulation combination products that contain this active ingredient. Reduced grass control may result if Clincher GR is applied in combination with or immediately following other herbicides not listed above.

Terms and Conditions of Use

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

Warranty Disclaimer

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions.

11/21

subject to the inherent risks set forth below Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY

Inherent Risks of Use

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

Limitation of Remedies

To the extent permitted by law the exclusive remedy for losses or damages resulting from this product (including claims based on contract negligence strict liability or other legal theories) shall be limited to at Dow AgroSciences election one of the following

- (1) Refund of purchase price paid by buyer or user for product bought or
- (2) Replacement of amount of product used

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

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

®™ Trademark of Dow AgroSciences LLC
EPA accepted __/__/__

12/21

[Sub Label B Use in Southern States]

(Base label)

Clincher[®] GR

Herbicide

For selective grass weed control in water seeded rice in Arkansas Florida Louisiana Mississippi, Missouri Tennessee and Texas

Active Ingredient(s)	
cyhalofop 2 [4 (4 cyano 2 fluorophenoxy) phenoxy] propanoic acid butyl ester (R)	1.8%
Other Ingredients	98.2%
Total	100.0%

00151001
 AUG 21 07
 Act
 ure
 02719-413

Contains 1.8 lb of active ingredient per 100 lb of product

Keep Out of Reach of Children

Precautionary Statements

Hazards to Humans and Domestic Animals

Personal Protective Equipment (PPE)

Applicators and other handlers must wear

- Long sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark, except when treating rice fields as specified in this product label. Drift from ground or aerial applications is likely to result in damage to sensitive aquatic organisms in water bodies adjacent to the treatment area. Do not contaminate water when disposing of equipment washwaters or rinsate.

NOTE: See Surface Water and Groundwater advisories in label booklet under Environmental Hazards.

Agricultural Use Requirements

13/21

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

(Storage and Disposal for rigid containers 5 gal or less)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

(Storage and Disposal for nonrigid containers any size)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in original container in a cool dry place In case of leak or spill contain material and dispose as waste

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Nonrefillable container Do not reuse or refill this container Completely empty bag into application equipment Then offer for recycling if available or dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

(Storage and Disposal for refillable rigid containers larger than 5 gal)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose

Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank Fill the container about 10% full with water and if possible spray all sides while adding water If practical agitate vigorously or recirculate water with the pump for two minutes Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

(Storage and Disposal for nonrefillable rigid containers larger than 5 gal)

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

14/21

Refer to label booklet for Directions for Use

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

In case of emergency endangering health or the environment involving this product call 1 800 992 5994

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

EPA Reg No 62719 613

EPA Est _____

®Trademark of Dow AgroSciences LLC

**Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis IN 46268**

Net Weight __

15/21

(Cover shipping container)

Clincher® GR

Herbicide

For selective grass weed control in water seeded rice in Arkansas, Florida, Louisiana Mississippi, Missouri Tennessee and Texas

Active Ingredient(s)	
cyhalofop 2 [4 (4 cyano 2 fluorophenoxy)	
phenoxy] propanoic acid	
butyl ester (R)	1.8%
Other Ingredients	98.2%
Total	100.0%

Contains 1.8 lb of active ingredient per 100 lb of product

Keep Out of Reach of Children

Agricultural Use Requirements

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

Refer to inside of label booklet for additional precautionary information including Directions for Use

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

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

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

EPA Reg. No. 62719-613

EPA Est. _____

®Trademark of Dow AgroSciences LLC

**Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268**

Net Weight ____

16/21

(Page 1 through end)

Precautionary Statements

Hazards to Humans and Domestic Animals**Personal Protective Equipment (PPE)****Applicators and other handlers must wear**

- Long sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations**Users should**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark, except when treating rice fields as specified in this product label. Drift from ground or aerial applications is likely to result in damage to sensitive aquatic organisms in water bodies adjacent to the treatment area. Do not contaminate water when disposing of equipment wash waters or rinsate.

Surface Water This chemical can contaminate surface water through spray drift from aerial and ground application equipment. Treated rice paddy water can contaminate surface water through accidental release or overflow, or by deliberate release due to normal growing practices, including interim or final release of flood water at harvest.

Groundwater This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants soil or water is

- Coveralls over long sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks

Storage and Disposal

Do not contaminate water food or feed by storage and disposal

Pesticide Storage Store in cool dry place in original container

Pesticide Disposal Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

Nonrefillable containers 5 gallons or less

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Nonrefillable nonrigid containers

Container Handling Nonrefillable container Do not reuse or refill this container Completely empty bag into application equipment Then offer for recycling if available or dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Refillable containers 5 gallons or larger

Container Handling Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose

Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank Fill the container about 10% full with water and if possible spray all sides while adding water If practical agitate vigorously or recirculate water with the pump for two minutes Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Nonrefillable containers 5 gallons or larger

Container Handling Nonrefillable container Do not reuse or refill this container

Triple rinse or pressure rinse container (or equivalent) promptly after emptying Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration or by other procedures allowed by state and local authorities

Product Information

Clincher® GR herbicide is a postflood postemergence herbicide for selective control of grass weeds in water seeded rice Best results are obtained when Clincher GR is applied directly into flooded rice when grass weeds are at the 1 to 3.5 (1 to 4) leaf stage and are 70 to 100% submerged with a water flood depth of 2 to 5 inches Only grass weeds emerged and growing under flooded rice conditions at the time of application are controlled Clincher GR has no preemergence or soil residual activity Clincher GR will not control broadleaf weeds or sedges

Use Precautions and Restrictions

Preharvest Interval Do not apply within 60 days of rice harvest

Clincher GR may not reliably control known ACC ase resistant weed biotypes

Apply Clincher GR directly into flooded rice field Do not mix Clincher GR in water to make application

Do not apply more than 16 lb of product per acre in a single application Do not make more than two applications or apply more than 26.1 lb of product per acre during the growing season Sequential applications must be made at least 10 days apart

Make no more than two applications of any product containing cyhalofop butyl (Clincher DR Clincher SF or Clincher EZ) to the same field in the same year Apply no more than 0.47 lb active ingredient per year

Do not apply to drained rice fields apply only to flooded rice fields Fields must be flooded to a depth of 2 to 5 inches at time of application of Clincher GR and grass weeds are 70 to 100% submerged

Applications made to greater than 4 leaf weeds dense weed populations average water depth greater than 5 inches and/or weeds submerged <70% may result in reduced weed control

Do not apply Clincher GR following rainfall until the water depth in checks or basins has been adjusted to meet the correct water depth requirements

Early release of water may result in reduced weed control For best results static water conditions should follow an application of Clincher GR for seven days It is important not to allow the minimum water depth to drop below 2 inches therefore adding water may be required Water should be trickled in or added very slowly

For best results water should not be released for 14 days following an application of Clincher GR

During this time water depth should be maintained or can be increased as rice grows

Shallow water or bare ground can result in reduced weed control as it may promote weed flushes

Reduced weed control can be expected at field water inlets due to dilution and movement of water

Do not apply where runoff or drain water may flow directly onto agricultural land other than rice fields

Under poor field preparation practices (i.e. lack of soil aeration unlevelled ground large clods excessive crop residue weeds emerged prior to flooding etc.) reduced weed control may occur when using Clincher GR

Clincher GR has no soil residual weed control activity and grass weeds emerging after treatment will not be controlled

Clincher GR can be used for weed control in water seeded wild rice in states in which the product is registered Follow all use instructions

Do not apply Clincher GR by any ground application equipment

Do not rotate treated land to crops other than rice for three months following an application of Clincher GR

Do not fish or commercially grow fish shellfish or crustaceans on treated acres during the year of treatment

Chemigation Do not apply this product through any type of irrigation system

Best Management Practices for Aerial Application

Equipment used in the application of Clincher GR should be carefully calibrated before use and checked frequently during application to be sure it is working properly and delivering a uniform distribution pattern Avoid overlaps that will increase the dosage of Clincher GR above specified limits Do not mix Clincher GR in water Apply dry product directly into flooded rice fields

Wind Velocity for Aerial Application Aerial applications of Clincher GR should be made when the wind velocity is 0 to 10 mph Do not make aerial applications of Clincher GR when wind speeds are greater than 10 mph

Water Management

Immediately Prior to Application

Average water depth at application should be maintained at 2 to 5 inches with a minimum water depth of 2 inches in the shallowest part of the field weeds should be submerged 70 to 100% and there should be no exposed soil

- If rainfall occurs prior to application do not apply Clincher GR until water depth in checks or basins can be adjusted to meet the correct water depth requirements

19/21

First Week Following Application

- For best results maintain a static flood for seven days following application
- During the static flood period it is important to maintain a minimum water depth of 2 inches. If necessary, water can be slowly added or trickled in to maintain water depth.
- If water is lost from a basin or check, re-flood immediately. Early release of water will result in reduced weed control.
- Failure to maintain the flood depth after an application of Clincher GR may result in reduced weed control.

Second Week Following Application

- Following the seven day static flood period, for best results, water should not be released for an additional seven days.
- During this time, water depth should be maintained or increased as rice grows. Shallow water conditions can result in reduced weed control as it may promote additional weed flushes.
- If water is lost from a basin or check, re-flood immediately. Early release of water may result in reduced weed control.

At the conclusion of the two week treatment period, it is important to manage water flood depth to prevent secondary weed flushes, which can occur if water is released or lowered. Clincher GR has no soil residual weed control activity and grass weeds emerging after treatment will not be controlled.

Avoid Injury to Non Target Plants

Buffer Zones

Buffer zones are defined as the distance between the application site and the sensitive agricultural production crop. For aerial applications, follow the listed buffers to minimize potential drift to off target vegetation. The buffer zones listed below must be followed.

Sensitive Agricultural Production Crops	Aerial Restrictions (feet)
non target cereal and grass crops such as corn, sugar cane, sudangrass, sorghum, grass grown for seed, millet and sod farms	30
peaches and nectarines	100

Drift Management

Avoiding drift is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator, pest control advisor, and grower are responsible for considering all of these factors when making the decision to apply this product.

Avoid all direct or indirect contact with non target plants. Do not apply near desirable vegetation. Allow adequate distance between target area and desirable plants to minimize exposure. Do not make aerial applications of Clincher GR when wind speeds are greater than 10 mph. Where states have more stringent regulations, they must be observed.

Resistance Management

The mode of action of Clincher GR is the inhibition of the ACCase enzyme. Weed populations may develop biotypes that are resistant to different herbicides with the same mode of action. If herbicides with the same mode of action are used repeatedly in the same field, resistant biotypes may eventually dominate the weed population and may not be controlled by these products. Other resistance mechanisms, such as enhanced metabolism, may also exist and may cause reduced weed control. Clincher GR may not reliably control known ACCase resistant grass weed biotypes.

20/21

This product should be used as part of an Integrated Pest Management (IPM) program that may include biological cultural and chemical practices aimed at preventing economic pest damage. Application of this product should be based upon appropriate IPM and resistance management strategies and practices that delay or reduce the development of resistant weed biotypes. Such practices include field scouting, use of weed free crop seed, proper water management, correct weed pest identification, following rotational practices outlined on pesticide labels, and treating when target weed populations are at the correct stage and economic thresholds for control. Make no more than two applications of any product containing cyhalofop butyl (Clincher GR, Clincher SF, or Clincher EZ) to the same field in the same year.

Application Timing

Application timing is dependent upon the proper grass weed growth stage and optimum timing for weed species present. Clincher GR may be applied to weeds from the 1 to 3.5 (1 to 4) leaf stage up to 60 days before harvest. Within this application window, application timing is dependent upon cultural practices and optimum timing for weed species present. (See Application Rates and Weeds Controlled table.)

Application Rates and Weeds Controlled

Weeds Controlled ¹		Application Rates and Stage of Weed Development
Common Name	Scientific Name	16 lb/acre ²
Amazon sprangletop	<i>Leptochloa panicoides</i>	up to 3.5 (4) leaf stage prior to tillering
barnyardgrass	<i>Echinochloa crus galli</i>	
bearded sprangletop	<i>Leptochloa fascicularis</i>	
broadleaf signalgrass	<i>Brachiaria platyphylla</i>	
brook paspalum ³	<i>Paspalum acuminatum</i>	
early watergrass	<i>Echinochloa oryzoides</i>	
fall panicum	<i>Panicum dichotomiflorum</i>	
jungerice	<i>Echinochloa colona</i>	
knotgrass	<i>Paspalum distichum</i>	
large crabgrass ³	<i>Digitaria sanguinalis</i>	
perennial barnyardgrass ³	<i>Echinochloa polystachya</i>	
red sprangletop	<i>Leptochloa filiformis</i>	
Texas panicum ³	<i>Panicum texanum</i>	
water paspalum ³	<i>Paspalum hydrophilum</i>	

¹Clincher GR may not reliably control known ACC ase resistant grass biotypes

²For a sequential application of Clincher GR following an initial application of 16 lb per acre, apply a maximum of 10.1 lb per acre. This will be considered a rescue application and excellent weed control cannot be expected. Allow a minimum of 10 days between sequential applications of Clincher GR with other products containing cyhalofop butyl.

³Suppression

Herbicide Programs

Clincher GR can be applied in sequence either before or after applications of Grasp SC. Follow all use instructions and restrictions on all product labels.

Do not apply in combination or sequentially with Londax (bensulfuron) dry formulation or any dry formulation combination products that contain this active ingredient. Reduced grass control may result if Clincher GR is applied in combination with or immediately following other herbicides not listed above.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid.

Otherwise use by the buyer or any other user constitutes acceptance of the terms under Warranty
Disclaimer Inherent Risks of Use and Limitations of Remedies

Warranty Disclaimer

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

Inherent Risks of Use

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

Limitation of Remedies

To the extent permitted by law the exclusive remedy for losses or damages resulting from this product (including claims based on contract negligence strict liability or other legal theories) shall be limited to at Dow AgroSciences election one of the following

- (1) Refund of purchase price paid by buyer or user for product bought or
- (2) Replacement of amount of product used

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

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

®™ Trademark of Dow AgroSciences LLC
EPA accepted ___/___/___

NEXT

LABEL

62719-613

8/21/2012

1/2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Dr Darin Lickfeldt
Regulatory Leader – Regulatory Affairs
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis IN 46268 1054

AUG 21 2012

Subject Supplemental Label Increasing Single Application Rate to CA Water Seeded Rice
Active Ingredient Cyhalofop butyl
Product Name Clincher GR
EPA Registration Number 62719 613
Decision Number 458245
Submission Date November 29 2011

Dear Dr Lickfeldt

The label amendments referred to above submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended is acceptable

Products shipped after 18 months from the date on this notice or the next printing of the master label whichever occurs first, must bear the new label language If these conditions are not complied with the registration will be subject to cancellation in accordance with FIFRA Your release for shipment of this product constitutes acceptance of these conditions As required, you must submit one copy of the final printed label before the product is released for shipment If you have any questions please contact Michael Walsh by phone at (703) 308 2972 or via email at walsh michael@epa.gov

Sincerely

A handwritten signature in black ink, appearing to read "Kathryn V. Montague".

Kathryn V Montague
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

2/2

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Clincher® GR

EPA Reg No 62719 613

For Selective Weed Control in California Water Seeded Rice

This supplemental label expires on August 23 2015 and must not be used or distributed after this date

ATTENTION

It is a violation of Federal law to use this product in a manner inconsistent with its labeling
This labeling must be in the possession of the user at the time of application
Read the label affixed to the container for Clincher® GR herbicide before applying Carefully follow all precautionary statements and applicable use directions
Use of Clincher GR according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Clincher GR

Directions for Use

Refer to product label for General Use Precautions Restrictions and Application instructions

Clincher® GR herbicide is a postflood postemergence herbicide for selective control of grass weeds in water seeded rice Best results are obtained when Clincher GR is applied directly into flooded rice when grass weeds are at the 1 to 4 leaf stage and grass weeds are 70 to 100% submerged with a water flood depth of 2 to 5 inches Only grass weeds emerged and growing under flooded rice conditions at the time of application are controlled Clincher GR has no preemergence or soil residual activity Clincher GR will not control broadleaf weeds or sedges

Application Rates and Weeds Controlled

Weeds Controlled ¹		Application Rates and Stage of Weed Development
Common Name	Scientific Name	18 to 20 lb/acre ²
barnyardgrass	<i>Echinochloa crus galli</i>	up to 4 leaf stage prior to tillering
bearded sprangletop	<i>Leptochloa fascicularis</i>	
broadleaf signalgrass	<i>Brachiaria platyphylla</i>	
early watergrass	<i>Echinochloa oryzoides</i>	
jungle rice	<i>Echinochloa colona</i>	
large crabgrass	<i>Digitaria sanguinalis</i>	
late watergrass	<i>Echinochloa phyllopogon</i>	
red sprangletop	<i>Leptochloa filiformis</i>	

¹Clincher GR may not reliably control known ACC ase resistant grass biotypes

²Do not apply any sequential applications of Clincher GR or Clincher CA or any Cyhalofop butyl containing product either before or following an application of 18 to 20 lb per acre of Clincher GR

®Trademark of Dow AgroSciences LLC

Rxxx 001

EPA accepted ___/___/___

Initial printing

AUG 21 2012

 Clincher GR

 62719-613