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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Rebecca Johnston
BASF Corporation
26 Davis Dr.
Research Triangle Park, NC 27709-3528

Subject: Paramount Herbicide
EPA Registration Number 7969-113
Submission dated September 25, 2008
Supplemental label for new use on Pasture, Rangeland, CRP and Switchgrass
Establishment and Maintenance

Dear Ms. Johnston:

The supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable, provided you make the following changes before you release the product for shipment.

- 1) Revise "General Information" to "Use Information"
- 2) On page 2, revise "Paramount Herbicide can be applied...." To "Paramount herbicide may be applied....."
- 3) On page 2, revise "Paramount should be applied" to "Paramount may be applied"
- 4) On page 2 and 3, in the heading of Table 3, revise "can" to "may"
- 5) Add the approved Arkansas specific state restrictions found on the main label to the supplemental label as well.

In addition, the following toxicology data requirements must be submitted: immunotoxicity and 28-day subchronic inhalation.

At your next label printing, or within eighteen months of the date of this letter, whichever comes first, you must incorporate this supplemental labeling into the main product labeling. A stamped copy of the label is enclosed for your records. Submit one copy of your final printed label before you release the product for shipment. If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

A handwritten signature in black ink, appearing to read "James A. Tompkins".

James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505P)

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The Chemical Company

Paramount[®]
herbicide

**Supplemental
Label**

**Paramount[®] herbicide for Use in Pasture
(including pasture grown for hay), Rangeland,
Conservation Reserve Program Land (CRP), and
Switchgrass Establishment and Maintenance**

EPA Reg. No. 7969-113

Active Ingredient:

Quinclorac: 3,7-dichloro-8-quinolinecarboxylic acid 75.0%

Other Ingredients: 25.0%

Total: 100.0%

Observe and follow all applicable directions, restrictions, Worker Protection Standard Requirements, Precautionary Statements, and mixing and application instructions on the Paramount EPA-approved label before using.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Refer to the **Paramount** main container label, EPA Reg. No. 7969-113, for complete **Directions For Use** and all applicable restrictions and precautions. User must have the full **Paramount** container label and this supplemental label in possession at the time of pesticide application.

General Information

Paramount is a dry flowable product intended for selective control or suppression of perennial weeds, and the selective control of annual weeds (**Table 1. Target Weeds**). **Paramount** may be used in established pasture, rangeland, Conservation Reserve Program land (CRP), and switchgrass establishment and maintenance as a postemergence product with residual control.

Paramount is taken into the plant through both the foliage and the roots. Adequate rainfall after application and good soil moisture is important for root uptake. Uniform spray coverage is important for consistent weed control.

Visual symptoms of weed control with **Paramount** include twisting, stunting, reddening, and chlorosis followed by necrosis and death. Visual symptoms of weed control may take more than 3 weeks following application to develop on perennial weeds (see **Table 1. Target Weeds**). The full effect of **Paramount** on perennial weeds may not be evident for 3 to 6 months after application. For annual weeds, visual symptoms may take up to 2 weeks following application to develop.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN - 4 2010

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

7969-113

Table 1. Target Weeds

Weeds Controlled	Weeds Suppressed*
Annual Grasses	Annual Broadleaves
Barnyardgrass	Kochia
Crabgrass, large	Lambsquarters, common
Foxtail, giant	Ragweed, common
Foxtail, green	Ragweed, giant
Foxtail, yellow	Sunflower, wild
Signalgrass, broadleaf	Thistle, Russian
	Velvetleaf
Annual Broadleaves	Perennial Broadleaves
Bedstraw, catchweed	Dandelion
Clovers	Sowthistle, perennial
Lettuce, prickly	Thistle, Canada
Morningglory spp.	
Flax, volunteer	
Perennial Broadleaves	
Bindweed, field	
Bindweed, hedge	
Spurge, leafy	

*For improved control, add a labeled tank mix product that is active on listed species.

Application Instructions

Paramount® herbicide can be applied at 3 to 16 ozs/acre to control grasses and broadleaf weeds, including field bindweed and leafy spurge (see **Table 1. Target Weeds**).

Field Bindweed Control

Paramount should be applied in the fall prior to the first frost. Applications of **Paramount** for bindweed control should be made to actively growing bindweed (at least 4 inches of succulent growth). For optimum long-term control of bindweed, **Paramount** should be used in a three-year planned program applying 5.3 ozs/acre the first year and 3.0 to 5.3 ozs/acre in subsequent years.

Leafy Spurge Control

Applications of **Paramount** for control of leafy spurge should be made either prebloom (at yellow bract) or in the fall before the first frost. Apply **Paramount** at a rate of 16 ozs/acre, or as a tank mix at 8 ozs/acre plus **Overdrive® herbicide** at 4 to 6 ozs/acre. **Paramount** applied alone at 8 ozs/acre will provide only suppression of leafy spurge. See **Table 2. Application Rates** for specific rates.

Table 2. Application Rates

Target Weeds	Rate per Acre (ozs product)
Grass and broadleaf control	5.3 to 8.0
Bindweed control	5.3
Bindweed maintenance	3.0
Leafy spurge control	8.0* to 16.0

*Will provide only suppression; must be tank mixed with **Overdrive** at 4 to 6 ozs/acre for effective control.

Spray Additives

Paramount should be applied with 1.5 pints/acre of methylated seed oil or 2.0 pints/acre of crop oil concentrate. A nitrogen fertilizer source [ammonium sulfate (AMS) at 2.5 lbs/acre or urea ammonium nitrate (UAN) at 2 to 4 qts/acre] may also be added to enhance product performance.

Tank Mixing Information

Paramount may be tank mixed with other herbicides labeled for use in pasture and rangeland unless prohibited on the respective product label. The most restrictive labeling applies to tank mixes.

Table 3. Paramount can be used in the following pasture and rangeland grasses

Cool Season Grasses
Bromegrass: smooth, meadow, smooth X meadow cross
European dunegrass
Fescue: fine ¹ , tall
Junegrass
Kentucky bluegrass
Needle-and-thread
Needlegrass: green
Orchardgrass
Ryegrass: annual, Indian, perennial
Wheatgrass: bluebunch, bluebunch X quack cross, crested, fairway, fairway X crested cross, intermediate, pubescent, Siberian, slender, tall, thickspike, Western
Wildrye: Altai, basin, beardless, Dahurian, mammoth, Russian

¹Apply **Paramount** to fine fescue only when it is part of a blend.

Table 3. Paramount can be used in the following pasture and rangeland grasses (continued)

Warm Season Grasses
Bermudagrass*
Bluestem: big, little, sand
Buffalograss
Eastern gamagrass
Gramma: blue, side-oats
Indiangrass
Lovegrass
Sandreed: prairie
Switchgrass

*Applications of Paramount® herbicide to Bermudagrass may result in temporary yellowing (chlorosis) under certain conditions.

Switchgrass establishment and maintenance for biofuel, forage, wildlife habitat, and conservation plantings

Paramount may be used for the establishment and maintenance of switchgrass. Apply 5.3 to 8 ozs/acre Paramount at planting or as an early postemergence treatment for weed control in newly planted switchgrass. Paramount may be applied with other labeled herbicides to improve the spectrum of weeds controlled during the establishment and maintenance of switchgrass.

Restrictions and Limitations

Maximum Seasonal Use Rate

DO NOT apply more than a total of 16 ozs of Paramount/acre per calendar year.

Restricted-entry Interval (REI): 12 hours

Crop Rotation Restrictions

Refer to and follow the EPA-approved container label for specific information on crop rotations following Paramount application.

Rainfast Period

Paramount is rainfast 6 dry hours after application.

Wind Speed for Ground Applications

DO NOT apply Paramount when wind is blowing more than 10 mph.

DO NOT cut treated area for hay within 7 days after treatment.

DO NOT apply to weeds under stress due to lack of moisture, flooding, hail damage, herbicide injury, mechanical injury, or cold temperatures because unsatisfactory control may result.

DO NOT use selective application equipment such as recirculating sprayers, wiper applicators, or shielded applicators.

DO NOT apply to water or to areas where surface water is present.

DO NOT apply to irrigation ditches or areas that act as a channel for water entering cropland.

DO NOT apply through any type of irrigation equipment.

DO NOT apply Paramount using aerial equipment in specific states or counties listed in Table 2.

Paramount® herbicide Aerial Use Restrictions of the main label.

Drift

DO NOT allow Paramount to drift onto other desirable plants, especially sensitive crops belonging to the following plant families:

- Solanaceae [tomato, potato, tobacco, eggplant, peppers (*Capsicum*), among others]
- Umbelliferae (celery, parsley, carrots, among others)
- Leguminosae (alfalfa, green bean, among others)
- Convolvulaceae (sweet potato, among others)
- Chenopodiaceae (spinach, sugar beet, among others)
- Malvaceae (okra, among others)
- Cucurbitaceae (watermelon, cantaloupe, squash, pumpkin, among others)
- Compositae (lettuce, sunflowers, among others)
- Linaceae (flax)

DO NOT allow spray containing Paramount to drift onto areas where tomatoes are to be planted, have been planted, or onto emerged tomatoes because severe injury will occur.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

To the extent consistent with applicable law, BASF makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty.

To the extent consistent with applicable law, Buyer's exclusive remedy and BASF's exclusive liability, whether in contract, tort, negligence, strict liability, or otherwise, shall be limited to repayment of the purchase price of the product.

To the extent consistent with applicable law, BASF and the Seller disclaim any liability for consequential, special or indirect damages resulting from the use or handling of this product.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF. 0408

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The Chemical Company