



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SEP 11 2007

Ms. Rebecca L. Johnson
Global Regulatory Affairs Manager
Global Regulatory Affairs
BASF Corporation
26 Davis P.O. Box 13528
Research Triangle Park, NC 27709-3528

RE: Notification of Final Printed Label for Clearpath and other corrections to the Ingredient Statement and update to the disclaimer statement
EPA Registration Number: 7969-222
Date of Submission: December 12, 2006

Dear Ms. Johnson:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated December 12, 2006, for the product Clearpath Herbicide. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

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United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 7969-222
2. EPA Product Manager J. Tompkins
3. Proposed Classification None Restricted
4. Company/Product (Name) CLEARPATH Herbicide
5. Name and Address of Applicant BASF Corporation
6. Expedited Review

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. Me Too Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification of final print container label for Clearpath Herbicide per PR Notice 98-10.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container, 3. Location of Net Contents Information, 4. Size(s) Retail Container, 5. Location of Label Directions, 6. Manner in Which Label is Affixed to Product

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name: Rebecca L. Johnston, Title: Senior Regulatory Affairs Manager, Telephone No.: 919-547-2609

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature: Rebecca L. Johnston, 3. Title: Senior Global Regulatory Affairs Manager, 4. Typed Name: Rebecca L. Johnston, 5. Date: 12-12-06

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Read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States Environmental Protection Agency Washington, DC 20460

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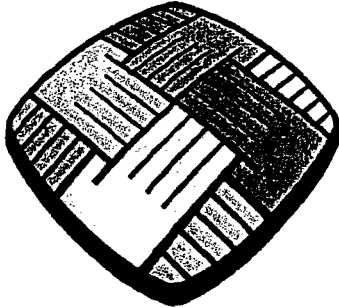
Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. 2. Signature: Rebecca L. Johnston, 3. Title: Senior Global Regulatory Affairs Manager, 4. Typed Name: Rebecca L. Johnston, 5. Date: 12-12-06, 6. Date Application Received (Stamped)

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BASF

The Chemical Company

PEEL HERE ➤



CLEARPATH™

HERBICIDE | for CLEARFIELD® rice

FOR USE ON CLEARFIELD® RICE

ACTIVE INGREDIENTS:

Imazethapyr (±)-2-[4,5-dihydro-4-methyl-4-methylethyl]-5-oxo-1H-imidazol-2-yl]-5-methyl-3-pyridinecarboxylic acid	13.02%
Quinclorac 3,7-dichloro-8-quinolinecarboxylic acid	61.98%

INERT INGREDIENTS: 25.00%

TOTAL: 100.00%

EPA Reg. No. 7969-222

EPA Est. No. 11773-IA-001

KEEP OUT OF REACH OF CHILDREN. CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See next page for additional **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Product of United States and Korea;
Formulated in the U.S. with U.S. and imported ingredients.

Net Contents: 7.5 pounds (3.4 kilograms)

Produced For:
BASF Corporation
Agricultural Products

— Davis Drive
Research Triangle Park, NC 27709

2078287

NVA 2006-05-230-0181

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Causes moderate eye injury.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for **Category A** on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as butyl rubber ≥14 mils, or natural rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils, or nitrile rubber ≥ 14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning and 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

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DO NOT contaminate water when disposing of equipment washwaters.

GROUNDWATER ADVISORY AND PROPER HANDLING INSTRUCTIONS

This chemical has 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. See inside booklet for complete Proper Handling Instructions.

This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes or reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above specific minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

DO NOT apply this product through any type of irrigation system.

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixture.

DIRECTIONS FOR USE

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

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

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

Observe all cautions and limitations on this label and on the labels of products used in combination with **Clearpath™ herbicide**. **DO NOT** use **Clearpath** other than in accordance with the instructions set forth on this label. The use of **Clearpath** not consistent with this label may result in injury to crops. Keep containers closed to avoid spills and contamination.

USE RESTRICTIONS

- **DO NOT** use water from **Clearpath**-treated field to irrigate food or feed crops which are not registered for use with **Clearpath**.
- **DO NOT** use flood water as a water source for livestock.
- **DO NOT** make more than 1 application of **Clearpath** in a use season.
- There must be a preharvest interval of at least 45 days between the last application of **Clearpath** and rice harvest.
- **DO NOT** apply **Clearpath** to rice that is heading.
- State-specific restrictions: Because there are additional state restrictions in Arkansas, contact the Arkansas Plant Board or a representative for specific instructions about applying **Clearpath** in Arkansas. In Arkansas **Clearpath** must not be applied in an area from one mile west of Highway #1 to one mile east of Highway #163 from the Craighead-Poinsett County line to the Cross-Poinsett County line. Furthermore, no aerial application is allowed in the area of Poinsett County one mile west of Highway #1 to two miles west of Highway #1 and one mile east of Highway #163 to Ditch #10, from the Craighead-Poinsett County line to the Cross-Poinsett county line.

Soil Restrictions:

- **DO NOT** use **Clearpath** on precision-cut fields until the second rice crop, as injury can occur.
- **DO NOT** use **Clearpath** on sand and loamy sand soils.

- **DO NOT** apply to rice fields with a history of poor water-holding capacity (porous subsoil), as erratic weed control may result.
- **DO NOT** apply **Clearpath™ herbicide** on any rice soil that does not have an impermeable hard pan to provide good water-holding capacity.
- **DO NOT** use rice straw or processing byproducts (such as chaff, hulls, etc.) as soil amendments or mulch for high-value crops such as bedding stock, vegetable transplants, or ornamental and fruit trees.
- **DO NOT** use treated rice fields for the aquaculture of edible fish and crustacean (crayfish).
- **DO NOT** use in California or Florida.
- **Clearpath** cannot be used to formulate or reformulate any other pesticide product.

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.
- Chemical-resistant gloves, such as butyl rubber ≥ 14 mils, or natural rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils, or nitrile rubber ≥ 14 mils.
- Shoes plus socks.

STORAGE AND DISPOSAL

PROHIBITIONS: DO NOT contaminate water, food or feed by storage or disposal.

CONTAINER STORAGE: Store in a dry, well-ventilated area.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

USES WITH OTHER PRODUCTS (TANK MIXES)

If this product is used in combination with any other product except as specifically recommended in writing by BASF, then BASF shall have no liability for any loss, damage or injury arising out of its use in any such combination not so specifically recommended. If used in combination recommended by BASF, the liability of BASF shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of BASF product in such combination use, and in any event shall be limited to return of the amount of the purchase price of the BASF product.

USE ON CLEARFIELD® RICE

Licensed for use on ATCC 97523 or ATCC PTA-904 rice and derivatives and progeny.

The purchase of this herbicide includes a sublicense to practice the processes claimed by United States Patent Nos. 5,952,553 and 6,274,796 by applying this herbicide to fields planted with rice seed purchased in a container bearing the legend "**Licensed ATCC 97523 or ATCC PTA-904 Rice**" in full accordance with the directions printed on this label. Additional patent applications are pending.

GENERAL INFORMATION

Clearpath can be applied preplant up to 7 days prior to rice planting, preemergence and postemergence for weed control in only **CLEARFIELD** rice (imidazolinone tolerant rice). Apply **Clearpath** only on selected rice varieties labeled as "**CLEARFIELD**" and warranted by the seed company to possess tolerance to direct application of certain imidazolinone herbicides. **DO NOT** apply **Clearpath** to rice varieties which lack tolerance to

imidazolinone herbicides as **Clearpath™ herbicide** will kill all non-imidazolinone tolerant varieties. This product should not be applied in fields intentionally planted with non-imidazolinone tolerant rice. Contact your seed supplier, chemical dealer or BASF to obtain information regarding imidazolinone tolerant rice varieties.

Clearpath kills weeds by root and/or foliage uptake and rapid translocation to the growing points. Adequate soil moisture is important for optimum **Clearpath** activity. When adequate soil moisture is present, **Clearpath** will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil. Activity of **Clearpath** on susceptible weeds is usually visible in 10 - 14 days.

Crops growing under stressful environmental conditions can exhibit various injury symptoms which may be more pronounced if herbicides are used. **CLEARFIELD® rice** plants treated with **Clearpath** may exhibit a slight height reduction, leaf twisting, buggy whipping, or other abnormal growth characteristics. In broadcast or clear water-seeded rice, seed on the soil surface in direct contact with **Clearpath** is the most sensitive. Such effects occur infrequently and are temporary. Normal growth and appearance should resume within 2 - 4 weeks.

Clearpath can be applied to **CLEARFIELD** rice under all tillage systems, drill or broadcast dry-seeded and clear water-seeded (enhanced tolerant varieties and hybrids only). The timing of application may vary with these production systems.

Use of **Clearpath** in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible. Under some conditions (such as heavy texture soil, high organic matter or low pH), **Clearpath** may cause injury to subsequent planted crops. Vegetable crops, cotton and non-**CLEARFIELD** rice are sensitive to **Clearpath** residues in the soil.

Replanting: If replanting is necessary in a field previously treated with **Clearpath**, the field may be

replanted to **CLEARFIELD** rice. Rework the soil no deeper than the treated zone. **DO NOT** apply a second treatment of **Clearpath** or any other imidazolinone or quinclorac-containing products.

Naturally occurring biotypes¹ of some weeds listed on this label may not be effectively controlled by this and/or other products with either the ALS/AHAS enzyme-inhibiting mode of action. Other herbicides with ALS/AHAS enzyme mode of action include sulfonylureas (e.g. **Londax®**, **Accent®**, **Ally®**, **Basis®**, **Classic®**, **Exceed®**, **Harmony® Extra**, **Permit®**, **Pinnacle®**, **Regiment® herbicides**, etc.), the sulfonamides (e.g. **Broadstrike® herbicide**, etc.) and the pyrimidyl benzoates (e.g. **Staple® herbicide**, etc.). If naturally occurring ALS/AHAS-resistant biotypes are present in a field, **Clearpath** and/or any of the ALS/AHAS enzyme-inhibiting mode of action herbicides should be tank mixed or applied sequentially with an appropriate registered herbicide having a different mode of action to ensure control.

¹ A weed biotype is a naturally occurring plant within a given species that has a slightly different, but distinct, genetic makeup from other plants.

USE AREA

Clearpath may be used only on **CLEARFIELD** rice in the United States (not for use in California or Florida) and Puerto Rico.

MIXING INSTRUCTIONS

POSTEMERGENCE APPLICATIONS OF **CLEARPATH** REQUIRE THE ADDITION OF AN ADJUVANT.

SURFACTANTS:

With enhanced tolerant varieties, add 2 pints of crop oil/acre.

OR

With CL121 and CL141, use a nonionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 0.25% v/v (1 quart per 100 gallons of spray solution).

Fill the spray tank one-half to three-quarters full with clean water. Use a calibrated measuring device to measure the required amount of **Clearpath**. Add **Clearpath** to the spray tank while

- agitating. Add adjuvants and fill the remainder of the tank with water.

TANK MIX COMBINATIONS WITH OTHER HERBICIDES

If other herbicides are tank mixed with **Clearpath™ herbicide**, while agitating, add components in the following order:

- 1) Fill spray tank one-half full with clean water.
- 2) Add soluble packet products and thoroughly mix.
- 3) Add WP (wettable powder), DG (dispersible granule), DF (dry flowable) or liquid flowable formulations not in soluble packets.
- 4) Add **Clearpath** and thoroughly mix.
- 5) Add other aqueous solution products.
- 6) Add EC (emulsifiable concentrate) products.
- 7) Add surfactant or crop oil to the spray tank.
- 8) While agitating, fill the remainder of the tank with water.

To avoid injury to sensitive crops, spray equipment used for **Clearpath** applications must be drained and thoroughly cleaned with water before being used to apply other products.

When **Clearpath** is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded. **Clearpath** cannot be mixed with any product containing a label prohibiting such mixtures.

SPRAYING INSTRUCTIONS

Clearpath may be applied only to **CLEARFIELD® rice** varieties and hybrids.

Whenever possible, spray mixtures should be applied using ground spray equipment.

DO NOT apply when wind velocity is greater than 10 mph for ground application or 5 mph for aerial application, when temperature inversion conditions exist, or when spray may be carried to sensitive crops. Sensitive crops include, but are not limited

to, leafy vegetables, cotton, tomatoes and non-**CLEARFIELD** rice varieties.

GROUND APPLICATIONS

Whenever possible, spray mixtures containing **Clearpath** should be applied using ground spray equipment. **DO NOT** make spray applications when wind speed is greater than 10 mph, when air temperatures exceed 90° F, or when environmental conditions exist for temperature inversions.

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use only flat-fan nozzle tips for postemergence applications.

Avoid overlaps when spraying.

AERIAL APPLICATION

If application with ground spray equipment is not possible, application by aircraft is acceptable provided the aerial applicator understands the risks and assumes the liability associated with accidental spray drift from aerial application. **DO NOT** make spray applications when wind speed is greater than 5 mph, when air temperatures exceed 90° F or when environmental conditions exist for temperature inversions. Use a maximum of 40 psi spray pressure.

Clearpath may be applied by air only to **CLEARFIELD** rice varieties and hybrids. **DO NOT** apply by air to other crops.

Uniformly apply with properly calibrated aerial equipment in 10 or more gallons of water per acre. When applied POSTEMERGENCE, the addition of an adjuvant is required for optimum weed control. Apply a crop oil at 1% v/v (1 gallon per 100 gallons of spray solution) with enhanced tolerant varieties or for CL121 or CL141 apply a nonionic surfactant at the rate of 1 quart per 100 gallons of spray solution (see instructions under **APPLICATION INFORMATION**).

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements **DO NOT** apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outermost nozzles on the boom must not exceed three-quarters the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

Where states have more stringent regulations, they should be observed.

The applicator should be familiar with and take into account the information covered in the **Aerial Drift Reduction Advisory** Information presented below.

INFORMATION ON DROPLET SIZE:

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly or under unfavorable environmental conditions (see **WIND, TEMPERATURE AND HUMIDITY, and TEMPERATURE INVERSIONS**).

CONTROLLING DROPLET SIZE

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - **DO NOT** exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

- **Number of Nozzles** - Use the minimum number of nozzles that provide uniform coverage.

- **Nozzle Orientation** - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is recommended practice. Significant deflection from the horizontal will reduce droplet size and increase drift potential.

- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles.

Solid-stream nozzles oriented straight back produce the largest droplets and the lowest drift.

BOOM LENGTH

For some use patterns, reducing the effective boom length to less than three-quarters of the wingspan or rotor length may further reduce drift without reducing swath width.

APPLICATION HEIGHT

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

SWATH ADJUSTMENT

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller droplets, etc.).

WIND

Drift potential is lowest between wind speeds of 2 - 10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **NOTE:** Local terrain can

influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

TEMPERATURE INVERSIONS

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

SENSITIVE AREAS

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, or nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

Applicator is responsible for any loss or damage which results from spraying **Clearpath™ herbicide** in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

APPLICATION INFORMATION

Clearpath can be applied to **CLEARFIELD®** rice under all tillage systems, drill or broadcast dry-seeded and clear water-seeded (enhanced tolerant varieties and hybrids only).

Clearpath can be applied preplant, preemergence, or postemergence up to 5-leaf rice prior to establishing permanent flood. **DO NOT** apply **Clearpath** prior to the 3-leaf growth stage on varieties CL121 and CL141. It is essential that the **Clearpath** treatment be activated by flushing the rice field or by adequate rainfall. To maintain herbicidal activity until a permanent flood is established, subsequent flushing or rainfall is necessary.

SOIL APPLICATIONS

In conservation tillage systems, weeds may germinate and emerge from below treated soil resulting in weed escapes. Rainfall (at least 0.5 inches) or flushing that uniformly wets the soil to a depth of two inches within 2 days of **Clearpath** application is essential to maximize weed control.

CONSERVATION TILLAGE AND STALE SEEDBED APPLICATION

Many soils, especially clay soils, are prepared in the fall and not tilled in the spring to ensure an optimum seedbed for rice planting and herbicide application. To control weeds before planting use a burndown product such as glyphosate or paraquat registered for this use prior to **Clearpath** application. See the **PREEMERGENCE APPLICATION** section for **Clearpath** application instructions.

PREPLANT APPLICATION

Clearpath can be applied as a preplant treatment up to 7 days prior to rice planting. Generally, application during final seedbed preparation just before rice planting provides the best weed control. The soil must be free of clods, or weed escapes may result. If small weeds are present at **Clearpath** application, addition of a glyphosate or paraquat product is recommended.

PREEMERGENCE APPLICATION

Clearpath™ herbicide can be applied as a pre-emergence treatment prior to rice emergence. Apply immediately after planting for the best results. If weeds are present at time of application, include a burndown product, such as glyphosate or paraquat registered for this use.

Adequate soil moisture is required for optimum herbicide activation for all methods of soil application. If sufficient levels of precipitation (usually 0.5 inch) **DO NOT** occur within 2 days after application, a flush (flood irrigation) is recommended to move **Clearpath** into the weed germination zone for maximum activity. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. When adequate moisture is received after dry conditions, **Clearpath** will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

Clearpath controls weeds by root uptake and translocation to the growing points where it inhibits weed growth. Susceptible weeds may emerge but growth will stop and the weeds will become non-competitive with the rice.

POSTEMERGENCE APPLICATION (PRIOR TO PERMANENT FLOOD)

In drill-seeded or ground broadcast-seeded rice, apply **Clearpath** postemergence to **CLEARFIELD® rice** in the spike through the 5-leaf growth stage, prior to establishing the permanent flood.

In clear water-seeded rice plantings, apply **Clearpath** postemergence to **CLEARFIELD** rice in the 2-leaf growth stage through the 5-leaf growth stage, prior to establishing the permanent flood. In clear water-seeded rice plantings, drain all water from the rice field and ensure seedling rice has at least two leaves before applying **Clearpath**. Rice seedlings with less than two leaves may be injured.

If a heavy rain occurs after applying **Clearpath**, drain the excess water from the rice field to avoid possible rice injury.

Clearpath must be applied to actively growing weeds. Application of **Clearpath** to less than 3-leaf rice may cause crop injury, and application to less than 2-leaf rice may reduce stands (in first generation tolerant varieties only; for example CL121 and CL141).

DO NOT apply into standing water (levee furrows or potholes) or flooded rice as weed control will be reduced. Initiate permanent flood within 2 days of postemergence application or as soon as the growth stage of rice permits. If the permanent flood is delayed and rainfall is insufficient for optimum rice growth, flush to maintain **Clearpath** soil activity and to promote rice development. Include a recommended surfactant with all postemergence applications to maximize weed control.

DO NOT apply **Clearpath** to rice growing under stress induced by adverse conditions, such as other herbicide injury, cool temperatures, saline soil, nutrient deficiency and disease pressure, or to rice when conditions are forecast that stress rice, especially cool temperatures. If applied under these conditions, stunting and/or yellowing may occur in rice. Weed control may be reduced when **Clearpath** is applied during stress conditions.

An adjuvant must be added to the spray solution for optimum weed control activity. See the **SURFACTANTS** section under **MIXING INSTRUCTIONS** for specific instructions.

When **Clearpath** is applied postemergence, absorption will occur through both the roots and foliage. Susceptible weeds stop growing and either die or become noncompetitive with the crop. Activity of **Clearpath** on susceptible weeds is usually visible in 10 - 14 days. **Clearpath** not only controls many existing broadleaf and grass weeds when applied postemergence, it also provides control of susceptible weeds that may emerge after application.

Clearpath should be applied a minimum of one hour before rainfall.

USE RATE

Apply **Clearpath** to **CLEARFIELD** rice at 0.5 pounds per acre preplant, preemergence, or postemergence prior to 5-leaf rice. Apply no more than one application of **Clearpath** in a single use season.

Use this product **ONLY** on **CLEARFIELD®** rice varieties as **Clearpath™ herbicide** will kill all non-imidazolinone tolerant varieties.

WEEDS CONTROLLED

When applied at 0.5 pounds per acre as directed in the **USE RATE** section of this label, **Clearpath** will control the weeds listed below:

Weeds Controlled	Leaf Stage (up to)	Maximum Height
Annual Grasses		
Barnyardgrass	4	4"
Propanil-Resistant Barnyardgrass	4	4"
Crabgrass, large	3	3"
Johnsongrass, seedling	4	5"
Junglerice	4	3"
Red rice ¹	4	5"
Shattercane	4	6"
Signalgrass, broadleaf	3	2"
Sprangletop ²	2	2"
Broadleaf Weeds		
Eclipta	3	2"
Jointvetches	3	2"
Hemp Sesbania	3	2"
Morningglory, cypressvine	3	2"
, entireleaf	3	2"
, ivyleaf	3	2"
, palmleaf	3	2"
, purple moonsflower	3	2"
, pitted	3	2"
, tall	3	2"
Smartweed species	4	3"
Sedges		
Nutsedge species	4	3"
Rice flatsedge	4	3"

¹ Red rice control requires a sequential application of **Newpath® herbicide**.

² Sprangletop control requires a sequential application of **Newpath**. One of the products must be applied preplant or preemergence and the second product must be applied postemergence.

• **It is essential that the soil treatment or postemergence application is activated by flushing the rice field or by adequate rainfall. To maintain herbicidal activity until a permanent flood is established, subsequent flushing or rainfall is necessary after application of Clearpath.**

• All postemergence applications must occur prior to tillering to control grasses.

When applied as directed in the **USE RATE** section of this label, **Clearpath** will **suppress** the weeds listed below:

Suppressed Weeds

Alligatorweed
Dayflower, spreading
Ducksalad
Mexicanweed
Purple ammannia (redstem)
Texasweed
Water plantain (common arrowhead)

HERBICIDE COMBINATIONS

To improve control of the broadleaf weeds listed above ("suppression") and for acceptable control of other broadleaf weeds, use an appropriate tank mix partner in combination with the postemergence application of **Clearpath**. Following are suggested partner herbicides, use rates and weeds controlled.

- Prowl® herbicide.** Apply **Prowl** delayed pre-emergence or early postemergence at 1.8 to 2.4 pints per acre for additional residual grass control, especially sprangletop (See label for specific rate recommendation. **Prowl** rates vary by soil organic matter levels.)
- Storm® herbicide.** Apply **Storm** at 1.5 pints per acre for control of dayflower, morningglory,

smartweed, cocklebur and enhanced hemp sesbania control.

When **Clearpath™ herbicide** is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded. **Clearpath** cannot be mixed with any product containing a label prohibiting such mixtures.

The tank mixing of **Clearpath** with other ALS/AHAS herbicides, such as **Permit® herbicide** and **Londax® herbicide** is **NOT** recommended for the preventative management of resistant weeds and to avoid a reduction of crop tolerance. If these herbicides are needed, make a separate application 7 - 10 days following the **Clearpath** application.

STEWARDSHIP

To preserve the long-term efficacy of the **CLEARFIELD® rice** technology, certain stewardship practices are recommended.

- Growers must purchase certified seed to produce a single crop, as a safeguard against introducing red rice.
- After a crop of **CLEARFIELD** rice, fallow or rotate the field to a different crop and control red rice with a herbicide with a mode of action different from **Clearpath**.
- See your seed dealer, agricultural chemical dealer or BASF representative for a copy of the **Newpath® herbicide** Technical Bulletin for additional guidance.

ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted following application of **Clearpath** at the intervals specified below: (Planting earlier than the recommended interval may result in crop injury.)

1. Anytime:
CLEARFIELD rice varieties and hybrids
2. Ten months after **Clearpath** application:
Alfalfa
Barley
CLEARFIELD corn hybrids

- Edible beans and peas (other than lima beans and Southern peas)
- Field corn
- Field corn grown for seed
- Lima beans
- Peanuts
- Soybeans
- Southern peas
- Rye
- Wheat

3. Twelve months after **Clearpath** application:
Tobacco
4. Eighteen months after **Clearpath** application:
Cotton
Lettuce
Oats
Popcorn
Rice (non-imidazolinone tolerant)
Safflower
Sorghum
Sunflower
Sweet corn
5. Twenty-six months after **Clearpath** application:
Flax
Potatoes
6. Forty months after **Clearpath** application:
All crops not listed.¹

¹ Following forty months after a **Clearpath** application and before planting any crop not listed elsewhere in the **ROTATIONAL CROP RESTRICTIONS**, a successful field bioassay must be completed. The field bioassay consists of a test strip of the intended rotational crop planted across the previously treated field and grown to maturity. The test strip should include low areas and knolls, and include variations in soil, such as type and pH. If no crop injury is evident in the test strip, the intended rotational crop may be planted the following year.

Use of **Clearpath** in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflects the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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. 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.

BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT PERMITTED BY 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.

Clearpath is a trademark of BASF.
CLEARFIELD, Newpath and *Prowl* are registered trademarks of BASF.

Accent, Ally, Basis, Classic, Harmony, Londax, Pinnacle and *Staple* are registered trademarks of E.I. DuPont de Nemours and Co., Inc.

Exceed is a registered trademark of Syngenta.

Permit is a registered trademark of Nissan.

Broadstrike is a registered trademark of Dow AgroScience.

Regiment is a registered trademark of Bayer CropScience.

Storm is a trademark of United Phosphorus, Inc.

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007969-00222.20060925.NVA 2006-04-230-0001
Supersedes: NVA 2003-04-230-0094
Based on: 2003-04-230-0094 and 2004-24-230-0026

BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709



The Chemical Company



CLEARPATH

HERBICIDE for CLEARFIELD® rice

FOR USE ON CLEARFIELD® RICE

ACTIVE INGREDIENTS:

Imazethapyr (±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid	13.02%
Quinclorac 3,7-dichloro-8-quinolinecarboxylic acid	61.98%
INERT INGREDIENTS:	<u>25.00%</u>
TOTAL:	100.00%

EPA Reg. No. 7969-222
EPA Est. No. 11773-IA-001

KEEP OUT OF REACH OF CHILDREN. CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See attached booklet for additional **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty,** and state-specific crop and/or use site restrictions.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION:

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Causes moderate eye injury.

FIRST AID

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. **DO NOT** induce vomiting unless told to do so by a poison control center or doctor. **DO NOT** give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.

Net contents:
7.5 pounds (3.4 kilograms)

If in eyes: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357). In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DO NOT contaminate water when disposing of equipment washwaters.

See attached booklet for complete Environmental Hazards & Groundwater Advisory and Proper Handling Instructions.

STORAGE AND DISPOSAL

PROHIBITIONS: DO NOT contaminate water, food or feed by storage or disposal.

CONTAINER STORAGE: Store in a dry, well-ventilated area.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Product of United States and Korea;
Formulated in the U.S. with U.S. and imported ingredients.

2078287

NVA 2006-05-230-0181

Produced For:
BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709

 **BASF**
The Chemical Company



The Chemical Company

December 12, 2006

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501
Attn: James Tompkins Room S-7337

**RE: CLEARPATH™ Herbicide EPA Reg. No. 7969-222
Final Print Notification of Main Container
Label for Use in Clearfield® Rice
Last approved on July 12, 2004**

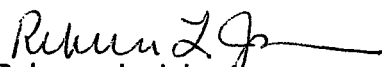
Dear Mr. Tompkins:

BASF Corporation hereby notifies EPA of a final print container label for CLEARPATH Herbicide (EPA Reg. No. 7969-222) for use in Clearfield rice. The purpose of this final print notification is to inform EPA of a correction to the ingredient statement that had erroneously listed the ammonium salt of imazethapyr rather than the free acid form that constitutes the DF formulation. Changes were also made to update the disclaimer statements with suggested EPA language.

In support of this notification, an application form and a copy of the final print CLEARPATH container label are enclosed. The stamp-approved CLEARPATH main label is also enclosed as the Approved Label. For convenience, three copies of the final print CLEARPATH container label are included for your files.

Thank you for your assistance with the registration issues of this product. If there are any questions concerning this application, please contact me by phone at 919-547-2609 or by email at rebecca.johnston@basf.com.

Sincerely,


Rebecca L. Johnston
Global Regulatory Affairs Manager
Global Regulatory Affairs