

BASF

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DRAFT
NOT FOR CIRCULATION
NOT FOR DISTRIBUTION

Facet[®] 75 DF

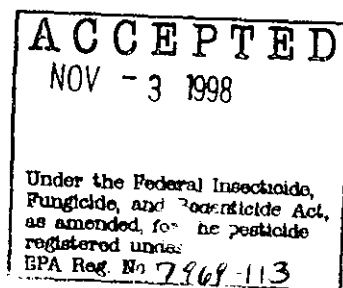
herbicide

Active ingredient	
3,7-dichloro-8-quinolinecarboxylic acid	75.0%
Inert Ingredients	25.0%
Total	100.0%

EPA Reg. No. 7969-113

EPA Establishment Number 65387-AR-001

KEEP OUT OF REACH OF CHILDREN.
CAUTION



See inside booklet for complete Precautionary Statements, Statement of Practical Treatment, Directions For Use, and Conditions of Sale and Warranty.

Net contents: Five 1-pound water-soluble bags

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Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or spray mist. Causes moderate eye injury. May cause allergic skin response.

Statement of Practical Treatment

If swallowed: Contact a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash thoroughly with plenty of soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation persists.

If in eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Wash thoroughly with soap and water after handling. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow the 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.

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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

Keep out of lakes, ponds and streams. Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark, except as specified on this label for use in rice. Do not contaminate water by cleaning of equipment or disposal of rinsate.

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.

All applicable directions, restrictions, precautions and **Conditions of Sale and Warranty** are to be followed. This labeling must be in the user's possession during application.

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
- Waterproof gloves
- Shoes plus socks

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Container Storage: Do not store box under wet conditions. Handle box carefully when stored at temperatures less than 50°F to avoid breaking the water-soluble bags.

Container Disposal: Completely empty box into application equipment. Then dispose of packaging in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burning, stay out of smoke.

Pesticide Disposal: Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

In Case of Emergency

In case of large-scale spillage regarding this product, call:

CHEMTREC.....1-800-424-9300
BASF Corporation.....1-800-832-HELP

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment.
2. Your local poison control center (hospital).
3. BASF Corporation 1-800-832-HELP.

I. General Information

Facet® 75 DF can be used for weed control in dry-seeded and water-seeded rice planting and production cultures. **Facet 75 DF** is formulated as a dry flowable designed for dilution with water and spraying with common agricultural spray equipment. It is packaged in pre-measured, one pound, water-soluble bags that are added to the mixing vat or directly into the spray tank.

Crop Tolerance

Rice is tolerant to **Facet 75 DF** when used according to label use directions and under typical growing conditions. Adverse weather conditions or high use rate from spray overlap or other sources may contribute to leaf twisting, buggy whipping, or other abnormal growth characteristics. In broadcast or water-seeded rice, seed on the soil surface in direct contact with **Facet 75 DF** is the most sensitive. These symptoms are typically short-lived and rice usually recovers without a significant stand loss or other injury.

Water Management (Irrigation and Flood Water)

Optimum weed control with **Facet 75 DF** is highly dependent on proper use of irrigation, including effective flush irrigation to maintain moist soil conditions and timely establishment of permanent flood water. Soil applications and residual activity from foliar applications require moist soil conditions for weeds to uptake the herbicide and be controlled. Therefore, keep the soil moist to maintain weed control. If the soil is permitted to dry and weeds emerge, flush irrigate the field to reactivate the residual activity of the herbicide while weeds are small (1" or less). If required, make additional **Facet 75 DF** applications as needed, but limit total usage to 0.67 pound per acre per season. In water-seeded rice plantings and in pin-point flood culture, drain all water from the rice field and ensure seedling rice has at least two leaves before applying **Facet 75 DF**. Rice seedlings without 2 leaves may be injured. Flood water levees should be formed prior to applying **Facet 75 DF** for more consistent weed control. Residual weed control on the levee is dependent on moist soil conditions on the levee. If soil on the levee dries, erratic weed control may result. If a heavy rain occurs after applying **Facet 75 DF**, drain the excess water from the rice field to avoid possible rice injury.

II. Application Instructions

Facet® 75 DF may be applied to rice fields to control barnyardgrass, propanil-resistant barnyardgrass, other annual grasses, and certain broadleaf weeds.

Application Equipment:

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

Ensure ground and aircraft spray equipment is properly calibrated and spray coverage is uniform. Always use spray nozzles and other equipment designed to reduce accidental spray drift. Always use drift control products and limit spray applications to periods when wind and other weather conditions do not favor spray drift beyond the border of the rice field.

Soil Applications: Facet 75 DF can be applied to the soil surface before, during, or after planting of dry-seeded rice. When applied to the soil surface and activated by rainfall or irrigation, roots of susceptible grasses and broadleaf weeds uptake the herbicide resulting in commercially acceptable control before weed competition reduces rice productivity. Soil texture and clay content determines the proper use rate for optimum weed control, with heavier soil textures and higher clay content requiring higher use rates as recommended in **Table 1**.

Foliar Applications: Facet 75 DF can be applied to the foliage of susceptible grasses and broadleaf weeds in dry-seeded and water-seeded rice. When applied to weed foliage, leaves and stems partially uptake the herbicide. It is essential that rice be flushed after a foliar application to maximize root absorption resulting in commercially acceptable weed control. Additionally, the herbicide reaching the soil surface moves into the soil with rainfall or irrigation providing residual weed control. In general, smaller weeds are more effectively controlled with lower use rates, with larger weeds requiring higher use rates for more complete control. The use rates in **Table 1** are recommended for foliar applications to provide commercially acceptable control of susceptible weeds based on weed size or growth stage.

Ground Application

Whenever possible, spray mixtures containing **Facet 75 DF** 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.

Application Information:

Preplant/Pre-emergence and Delayed Pre-emergence:

Water Volume: Apply 10-40 gallons of water per broadcast acre.

Spray Pressure: Use 25-40 psi.

Postemergence:

Water Volume: Apply 10-20 gallons of water per broadcast acre.

Spray Pressure: Use 25-40 psi.

Air 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 8 mph, when air temperatures exceed 90°F, or when environmental conditions exist for temperature inversions.

Application Information:

Water Volume: Apply a minimum of 5 gallons of water per acre.

Spray Pressure: Use a maximum of 40 psi.

Cleaning Spray Equipment

All mixing equipment and all spray equipment should be thoroughly cleaned before and after mixing and applying **Facet 75 DF**.

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Table 1. Timing and Application Rate Table

Weed Species	Soil Applications (Rate per Acre)			Foliar Applications	
	Light-textured sandy loams	medium-textured silts, loams, silty loams, sandy clay loams	Heavy-textured such as silty clays, silty clay loams, clay loams, clays, gumbo and buckshot	Small weeds controlled and short-term soil residual	Larger weeds controlled and long-term soil residual
Annual Grasses Barnyardgrass, junglerice, broadleaf signalgrass, large crabgrass	0.33-0.44 pounds	0.50 pounds	0.67 pounds	0.33-0.50 pounds up to 2 inches	0.33-0.67 pounds up to 3 inches
Broadleaf Weeds Hemp sesbania, jointvetches, morningglories (cypressvine, entireleaf, ivyleaf, palmleaf, purple moonflower, pitted, tall), ecidpta	0.33-0.44 pounds	0.50 pounds	0.67 pounds	0.33-0.50 up to 2 leaves	0.50-0.67 pounds up to 3 leaves
Alligatorweed (partial control)*	n/a	n/a	n/a	0.67	n/a

*Rice must be in at least the 2 leaf stage. For best control, establish permanent flood within 2 days after **Facet 75 DF** application.

III. Additives

For postemergence applications only, adding 2 pints of crop oil concentrate per acre will improve leaf and stem uptake of the herbicide and enhance weed control.

Drift Control products

Drift control products should always be added to the spray solution to affect spray droplet size and other characteristics, reducing the potential of off-target accidental spray drift.

IV. Mixing Order

- 1) **Water:** Begin by agitating a thoroughly clean sprayer tank three-quarters full of clean water.
- 2) **Agitation:** Maintain constant agitation throughout mixing and application.
- 3) **Products in PVA bags:** (such as **Facet 75 DF**) Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
- 4) **Water-dispersible products** (such as wettable powders, suspension concentrates, or suspo-emulsions)
- 5) **Water-soluble products**
- 6) **Emulsifiable concentrates:** If an inductor is used, rinse it thoroughly after the component has been added.
- 7) **Water-soluble additives:** If an inductor is used, rinse it thoroughly after the component has been added.
- 8) Remaining quantity water

Maintain constant agitation during application. For more information, refer to section V. General Tank Mixing Information.

V. General Tank Mixing Information

While **Facet 75 DF** herbicide is effective in controlling a broad spectrum of annual grasses and broadleaf weeds, more effective weed control may be obtained or additional weeds may be controlled by tank mixing **Facet 75 DF** with other herbicides labeled for weed control in rice. The table below describes some weed situations where tankmixing is appropriate. Read and follow all use directions, precautions, and restrictions for each herbicide in the spray mixture. The most restrictive labeling applies to tank mixes.

Table 2. Tank Mixes

Weed	Tank Mix Information
Cocklebur	Facet 75 DF: 0.33-0.67 pound Basagran herbicide: 1.5-2.0 pints
Dayflower	Facet 75 DF: 0.33-0.67 pound Basagran herbicide: 1.5-2.0 pints
Hemp Sesbania	Facet 75 DF: 0.33-0.67 pound Blazer herbicide: 0.5-1.0 pints*
Sprangletop	a) Facet 75 DF: 0.33-0.67 pound Bolero 8 EC herbicide: 0.5-1.0 pints b) Facet 75 DF: 0.33-0.67 pound Prowl 3.3 EC herbicide: 2.4 pints
Yellow Nutsedge	Facet 75 DF: 0.33-0.67 pound Basagran herbicide: 1.5-2.0 pints
Heavy infestations of broadleaf weeds	Facet 75 DF: 0.33-0.67 pound Storm herbicide: 1.5 pints
For weeds and grasses not controlled by Facet 75 DF Facet 75 DF: 0.33-0.67 pound propanil: 2-4 pounds/acre

* Apply tank mix after rice has reached the 3 leaf stage.
* Apply tank mix to the soil surface 1-5 days before rice emergence.
* Apply this tank mix to soil surface after planting, before rice emergence, and before sprangletop emergence.

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VI. General Restrictions and Limitations - Rice

- **Maximum seasonal use rate:** Do not apply more than **0.67 pounds** of **Facet 75 DF** per acre per season.
- **Preharvest Interval (PHI):** Do not apply **Facet 75 DF** within **80 days** of harvest.
- **State Specific Restrictions:** Because there are additional state restrictions in Arkansas, contact the Arkansas Plant Board or a representative for specific instructions about applying **Facet 75 DF** in Arkansas.
- **Crop Rotation Restrictions:** Do not plant any crop other than rice for a period of 309 days following application.
 - Eggplants and tobacco should not be planted within 12 months on the fields treated with **Facet 75 DF**
 - Tomatoes and carrots should not be planted within 24 months on fields treated with **Facet 75 DF**.

In case of crop failure, only rice may be immediately replanted.
- **Soil Restrictions:**
 - Do not use **Facet 75 DF** on precision-cut fields until the second rice crop as injury can occur.
 - Do not use **Facet 75 DF** 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 **Facet 75 DF** on any rice soil that does not have an impermeable hard pan to provide good water holding capacity.
- **Drift Concerns:** Do not allow **Facet 75 DF** to drift outside of the intended target areas.
 - **Ground application:** Do not apply when wind speed is greater than 10 mph.
 - **Aerial application:** Do not apply when wind speed is greater than 8 mph.
- **Temperature Inversions:** Do not apply **Facet 75 DF** when air temperatures exceed 90° F.
- 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 crustacea (crayfish).
- Do not use water from rice cultivation after a **Facet 75 DF** application to irrigate any crop other than rice.
- Do not use in California or Florida.
- **Facet 75 DF** cannot be used to formulate or reformulate any other pesticide product.
- Do not apply this product through any type of irrigation system.

Table 3. Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI)	Maximum Rate Per Acre per Application	Maximum Rate Per Acre Per Season	Livestock Grazing or Feeding	Aircraft Application
Rice	80 days	0.67 pound	0.67 pound	n/a	yes

leaf

Crops:

This product can be used on the following crops:

Rice

Look inside for complete **Restrictions and Limitations** and **Application Instructions**.**Weeds listed in this label:**

Common Name	Scientific Name
Aligatorweed	<i>Alternanthera Philoxeroides</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Cockspur	<i>Xanthium Strumarium</i>
Crackgrass, Large	<i>Digitaria Sanguinalis</i>
Dayflower Species	<i>Commelina</i> sp.
Eclipta	<i>Eclipta alba</i>
Jointvetch Species	
Northern	<i>Aeschynomene virginica</i>
Indian	<i>Aeschynomene indica</i>
Jungle rice	<i>Echinochloa colonum</i>
Morningglory species	
Tall (common)	<i>Ipomoea purpurea</i>
Cypressvine	<i>Ipomoea quamoclit</i>
Entireleaf	<i>Ipomoea hederacea integruscula</i>
Ivyleaf	<i>Ipomoea hederacea</i>
Palmleaf	<i>Ipomoea wrightii</i>
Pitted	<i>Ipomoea lacunosa</i>
Purple Moonflower	<i>Ipomoea muricata</i>
Sesbania, Hemp	<i>Sesbania exaltata</i>
Signalgrass, Broadleaf	<i>Brachiaria platyphylla</i>
Strangletop	<i>Leptochloa</i> sp.
Yellow Nutsedge	<i>Cyperus Esculentus</i>

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 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. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE 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.

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Boleto is a registered trademark of Kumari Chemical Industry Company.

Prowl is a registered trademark of American Cyanamid Company.

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Additional Information

For additional information, call BASF's **COMMSEVR** at 1-800-874-0081.

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