

7969-113

1/23/2002

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**BASF**

# Facet<sup>®</sup> 75 DF

herbicide

<b>Active ingredient</b>	
3,7-dichloro-8-quinolinecarboxylic acid	.....75.0%
<b>Inert ingredients</b>	.....25.0%
<b>Total</b>	.....100.0%

EPA Reg. No. 7969-113

EPA Establishment Number 65387-AR-001

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

ACCEPTED  
 JAN 23 2002  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for one pesticide registered under EPA Reg. No. 7969-113

See inside booklet for complete **Precautionary Statements, First Aid, Directions For Use, and Conditions of Sale and Warranty.**

**Net contents: Five 1-pound water-soluble bags**

FIRST AID	
If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
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).	

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**CAUTION:** 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.

#### 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

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

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 conditions, 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 800-424-9300  
BASF Corporation 800-832-HELP

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment.
- Your local poison control center (hospital).
- BASF Corporation (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**

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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.

**Table 1. Timing and Application Rate Table**

Weed Species	Soil Applications (Rate per Acre)			Foliar Applications	
	Light-textured sandy loams	Medium-textured silts, loams, silt 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
<b>Annual Grasses</b> Barnyardgrass, junglerice, broadleaf signalgrass, large crabgrass	0.33-0.44 pounds	0.50 pounds	0.67pounds	0.33-0.50 pounds up to 2 inches	0.33-0.67 pounds up to 3 inches
<b>Broadleaf Weeds</b> Hemp sesbania, jointvetches, morningglories (cypressvine, entireleaf, ivyleaf, palmleaf, purple moonflower, pitted, tall), eclipta	0.33-0.44 pounds	0.50 pounds	0.67pounds	0.33-0.50 pounds up to 2 leaves	0.50-0.67 pounds up to 3 leaves
<b>Alligatorweed (partial control)*</b>	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.

**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 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**.

**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	<b>Facet 75 DF:</b> 0.33-0.67 pound <b>Basagran® herbicide:</b> 1.5-2.0 pints
Dayflower	<b>Facet 75 DF:</b> 0.33-0.67 pound <b>Basagran herbicide:</b> 1.5-2.0 pints
Hemp Sesbania	a) <b>Facet 75 DF:</b> 0.33-0.67 pound <b>Blazer® herbicide:</b> 0.5-1.0 pint <sup>1</sup> b) <b>Facet 75 DF:</b> 0.33-0.67 pound <b>Command® 3ME:</b> 0.8-1.6 pints
Sprangletop	a) <b>Facet 75 DF:</b> 0.33-0.67 pound <b>Bolero® 8 EC herbicide:</b> 0.5-1.0 pint <sup>2</sup> b) <b>Facet 75 DF:</b> 0.33-0.67 pound <b>Prowl® 3.3 EC herbicide:</b> 2.4 pints <sup>3</sup> c) <b>Facet 75 DF:</b> 0.33-0.67 pound <b>Command® 3ME:</b> 0.8-1.6 pints
Yellow Nutsedge	<b>Facet 75 DF:</b> 0.33-0.67 pound <b>Basagran herbicide:</b> 1.5-2.0 pints
Morningglory	<b>Facet 75 DF:</b> 0.33-0.67 pound <b>Command® 3ME:</b> 0.8-1.6 pints
Heavy infestations of broadleaf weeds	<b>Facet 75 DF:</b> 0.33-0.67 pound <b>Storm® herbicide:</b> 1.5 pints
For weeds and grasses not controlled by <b>Facet 75 DF</b>	<b>Facet 75 DF:</b> 0.33-0.67 pound <b>propanil:</b> 2-4 pounds a.i.
<sup>1</sup> Apply tank mix after rice has reached the 3 leaf stage <sup>2</sup> Apply tank mix to the soil surface 1-5 days before rice emergence. <sup>3</sup> 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 herbicide** per acre, per season.
- **Preharvest Interval (PHI):** Do not apply **Facet 75 DF** within **40 days** of harvest.  
Do not apply **Facet 75 DF** 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 **Facet 75 DF** in Arkansas.

In Arkansas Facet (Quinaclorac) 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.

- **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	40 days	0.67 pound	0.67 pound	n/a	yes

<b>Crops</b>
This product can be used on the following crops:
<b>Rice</b>
Look inside for complete <b>Restrictions and Limitations</b> and <b>Application Instructions</b> .

<b>Conditions of Sale and Warranty</b>
<p>The <b>Directions For Use</b> 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 <b>Directions For Use</b>, subject to the inherent risks, referred to above. <b>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.</b> BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing <b>Conditions of Sale and Warranty</b> which may be varied only by agreement in writing signed by a duly authorized representative of BASF.</p> <p><i>Facet and Basagran are registered trademarks of BASF AG.</i>  <i>Blazer and Storm are registered trademarks of BASF Corporation.</i>  <i>Bolero is a registered trademark of Kumiai Chemical Industry Company.</i>  <i>Command 3ME is a registered trademark of FMC Corporation</i>  <i>Prowl is a registered trademark of American Cyanamid Company.</i></p> <p>Patent # 4,497,651</p> <p style="text-align: right;">© 2001 BASF Corporation          All Rights Reserved          NVA 2001-04-016-0257          Revised 12-17-01</p>

<b>Weeds listed in this label:</b>	
Common Name	Scientific Name
Alligatorweed	<i>Alternanthera philoxeroides</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Cocklebur	<i>Xanthium strumarium</i>
Crabgrass, Large	<i>Digitaria sanguinalis</i>
Dayflower Species	<i>Commelina spp.</i>
Eclipta	<i>Eclipta alba</i>
Jointvetch Species	
, Northern	<i>Aeschynomene virginica</i>
, Indian	<i>Aeschynomene indica</i>
Junglerice	<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>
Sprangletop	<i>Leptochloa spp.</i>
Yellow Nutsedge	<i>Cyperus esculentus</i>



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