

PM 25

7969-81

6-23-98

1049

Please 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

Registration  
 Amendment  
 Other

OPP Identifier Number  
266518

Application for Pesticide - Section I

1. Company/Product Number 7969-81	2. EPA Product Manager James Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Pyramin <sup>®</sup> DF Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) BASF Corporation Agricultural Products P.O. Box 13528 Research Triangle Park, NC 27709-3528 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> JUN 23 1998
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)  
NOTIFICATION FOR MINOR LABEL CHANGES FOR 1999 PACKAGING

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Chis-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10 #		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Darcy Geiger-Jackson	Title Registration Specialist	Telephone No. (include Area Code) 919-547-2840
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.		5. Date Application Received (Stamped)
2. Signature Darcy Geiger-Jackson	3. Title Registration Specialist	
4. Typed Name Darcy Geiger-Jackson	5. Date June 10, 1998	

**BASF**

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**NOTIFICATION**

**JUN 23 1998**

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# **Pyramin<sup>®</sup> DF**

herbicide

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**For weed control in sugar beets and red table beets**

<b>Active ingredients*</b> .....	67.7%
Pyrazon (5-amino-4-chloro-2-phenyl-3(2H)-pyridazinone).....	65.0%
Related aminochloro and dichlorophenyl pyridazinones.....	2.7%
<b>Inert ingredients</b> .....	32.3%
<b>Total</b> .....	100.0%

\*Pyrazon ANSI equals chlondazon BSI et al.

**EPA Registration Number 7969-81 EPA Establishment Number 7969-WG-01**

**KEEP OUT OF REACH OF CHILDREN.**

## **CAUTION**

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

**Made in Germany**

**Net contents: 10 pounds (4.53 kilograms)**

BASF Corporation  
P.O. Box 13528, Research Triangle Park, NC 27709

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes, or clothing. May cause eye irritation.

#### Statement of Practical Treatment

**If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

#### 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 there are 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

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. Do not contaminate water used for irrigation or domestic purposes.

#### Endangered Species Concerns

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

### 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.

### 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), notification to workers, 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**.

**Exception:** If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter treated areas if there will be no contact with anything that has been treated.

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 store near fertilizers, ~~seeds~~ insecticides, or fungicides. Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Disposal:** Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Container Disposal:

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

### 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)

#### Steps to be taken in case material is released or spilled:

Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before re-use. Keep the spill out of all sewers and open bodies of water.

### I. General Information

Among the weeds controlled by **Pyramin® DF herbicide** are lambsquarters, pigweed, ragweed, shepherdspurse, fanweed, purslane, nightshade (black and hairy), mustard, henbit, smartweed, nettleleaf, goosefoot, and velvetleaf (Michigan and Ohio only). **Pyramin DF** will not provide acceptable control of annual grasses. Where grasses are a serious problem, follow the directions on this label for grass control with specific combinations featuring **Pyramin DF**, or use a subsequent postemergent herbicide treatment.

#### Crop Tolerance

All listed crops are tolerant to **Pyramin DF** at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days. New growth is normal and crop vigor is not reduced.

#### Irrigation

**Pyramin DF** requires moisture to control weeds effectively. In addition, it may be necessary to irrigate before treatment to ensure active weed growth. For optimum performance, a postemergence application should be followed with moisture. Where furrow irrigation is possible, irrigate shortly after application to the point that the bed surface has reached maximum water-holding capacity. If sprinkler irrigation is used, do not apply more than 0.75 inch of water on the first irrigation set after herbicide application.

#### Cleaning Spray Equipment

Clean spray equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying this product.

### II. Application Instructions

The correct application method for **Pyramin DF** varies depending on area and cultural practices. Always follow the label recommendations that fit your area and cultural system. **Pyramin DF** can be applied pre-emergence or postemergence by broadcast or band treatments. Refer to section VII. **Crop-Specific Information** and section VI. **General Restrictions and Limitations** for application instructions for your specific area and cultural system.

For effective postemergence applications, apply **Pyramin DF** after beets have 2 expanded true leaves (do not count cotyledon leaves) and before any weeds have emerged. When recommended, postemergence applications of **Pyramin DF** can extend pre-emergence weed control.

#### Ground Application (Banding)

**Application Equipment:** Using planter-mounted band sprayers ensures that all planted beets are treated, that the band is centered over the row, and that the band width and rate of chemical are uniform. When spraying a band over the row, the amount of **Pyramin DF** applied per banded acre is reduced in proportion to the area actually treated.

**Example:** To spray a 7-inch band over beets in rows 28 inches apart, the amount recommended for broadcast application follows:

$$4.6 \text{ pounds/acre} \times 1/4 \text{ of area banded} = 1.2 \text{ pounds/banded acre.}$$

Table 1. Banded Application Rates

Band and Row Width	Pyramin® DF Rate Per Banded Acre Based on Broadcast Rate Per Acre of:	
	4.6 pounds	5.4 pounds
6-inch band on 24-inch rows	1.2 pounds	1.4 pounds
7-inch band on 22-inch rows	1.5 pounds	1.7 pounds
7-inch band on 28-inch rows	1.2 pounds	1.4 pounds
10-inch band on 22-inch rows	2.1 pounds	2.5 pounds
10-inch band on 26-inch rows	1.6 pounds	1.9 pounds
12-inch band on 24-inch rows	2.3 pounds	2.7 pounds

#### Ground Application (Broadcast)

**Water Volume:** Use 20-40 gallons of spray solution per broadcast acre for optimal performance or proportionately less for band applications.

**Spray Pressure:** Use 30-60 psi (measured at the boom, not at the pump or in the line).

**Application Equipment:** Use standard high-pressure pesticide flat fan nozzles spaced up to 20 inches apart.

### III. Additives

No additives or adjuvants are necessary with Pyramin® DF herbicide.

### IV. Mixing Order

- 1) **Water:** Begin by agitating a thoroughly clean sprayer tank half full of clean water.
- 2) **Water-dispersible products:** (such as **Pyramin DF**, dry flowables, wettable powders, suspension concentrates, or suspo-emulsions)
- 3) **Water-soluble products** (when applicable)
- 4) **Emulsifiable concentrates** (oil concentrate when applicable)
- 5) Replace filter screen and continue agitating while adding remaining quantity water.

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

#### Compatibility Test for Mix Components

Add components in the following sequence using 2 teaspoons for each pound or 1 teaspoon for each pint of recommended label rate per acre.

- 1) **Water:** — For 20 gallons per acre spray volume, use 4 cups (946 ml) of water. For other spray volumes, adjust rates accordingly. Use only water from the intended source at the source temperature.
- 2) **Water-dispersible products:** — (such as **Pyramin DF**, dry flowables, wettable powders, suspension concentrates, or suspo-emulsions) Cap the jar and invert 10 cycles.
- 4) **Water-soluble products:** — (when applicable) Cap the jar and invert 10 cycles.
- 5) **Emulsifiable concentrates:** — (oil concentrate when applicable) Cap the jar and invert 10 cycles.
- 7) Let the solution stand for 15 minutes.
- 8) **Evaluate** the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. Do not use any spray solution that could clog spray nozzles.

### V. General Tank Mixing Information

See section **VII. Crop-Specific Information** for more details. Read and follow the applicable **Restrictions and Limitations and Directions For Use** on all products involved in tank mixing. The most restrictive labeling applies to tank mixes.

#### Tank Mix Partners/Components

The following herbicides may be tank mixed with **Pyramin DF** according to the specific tank mixing instructions in this label and respective product labels.

- **Betamix\***
- **Betanex\***
- **Nortron® SC**

Physical incompatibility, reduced weed control, or crop injury may result from mixing **Pyramin DF** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. BASF does not recommend using tank mixes other than those listed on BASF labeling. Local agricultural authorities may be a source of information when using other than BASF recommended tank mixes.

\* **Pyramin DF** tank mixes with **Betamix** or **Betanex** are not for use in California.

### VI. General Restrictions and Limitations - All Crops

- **Maximum seasonal use rate:** Refer to **Table 3** for crop-specific seasonal use rates.
- **Preharvest Interval (PHI): 0 days**
- **Restricted Entry Interval (REI): 12 hours.**
- Do not plant other crops in the band treated with **Pyramin DF** during the same season if the beet crop is lost due to climatic or soil conditions. If fields are replanted with sugar beets, reseed into the treated band. Do not use **Pyramin DF** again as a pre-emergence treatment on replanted beets because crop injury may result.
- Do not apply to crops that show **injury** (leaf phytotoxicity or plant stunting) produced by any other prior herbicide applications, because this injury may be enhanced or prolonged.
- This product cannot be used to **formulate** or reformulate any other pesticide product.
- Do not apply through any type of **irrigation** equipment.
- Do not use the same spray equipment for other purposes unless thoroughly cleaned. Do not contaminate water when disposing of equipment wastewaters.
- Do not use **Pyramin DF** as a pre-emergence treatment on muck and peat.
- Do not use this product on **soils** classified as sands or loamy sands because this may result in crop injury.
- Do not use on **soils** with organic matter concentrations higher than 5%, except in the Red River Valley (see special section) or less than 2.5% in Michigan and Ohio for velvetleaf control (see special section) as unsatisfactory weed control or crop injury may result.
- Do not use **Pyramin DF** as a broadcast treatment in dry irrigated regions including California.
- Do not mix or apply **Pyramin DF** with any other pesticide or with any fertilizer except as recommended on this label or approved supplemental labeling.

**Table 3. Crop-Specific 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
Red Table Beets	0 days	11.25 pounds*	11.25 pounds	n/a
Sugar Beets	0 days	11.25 pounds*	11.25 pounds	n/a

\* Do not exceed maximum seasonal use rate.

## VII. Crop-Specific Information

### Red Table Beets

#### Application Information

Pyramin DF may be used both pre-emergence and postemergence in the same season.

#### PRE-EMERGENCE APPLICATION

Apply 4.6-5.4 pounds of Pyramin® DF herbicide per acre after beet seeds are planted but before beets and weeds emerge. Use the lower rate on sandy loam soils. If rain does not fall within 10 days after treatment, irrigate beets to activate Pyramin DF. If irrigation is not possible, use a shallow cultivation before weeds are 2" tall.

#### EARLY POSTEMERGENCE APPLICATION

Apply 5.4 pounds of Pyramin DF for early postemergence application. Apply Pyramin DF after beets have 2 expanded true leaves and before any weeds have emerged, usually within 2 weeks after planting, as treating emerged weeds is not effective.

### Sugar Beets

#### Application Information

Refer to section II. Application Instructions.

Two applications of Pyramin DF can be used in Central and Eastern States only. The correct application method for Pyramin DF varies depending on area and cultural practices. Always follow label recommendations that fit your area and cultural system.

#### PREPLANT INCORPORATED AND PRE-EMERGENCE APPLICATIONS

##### • Central and Eastern States (MI, MN, ND, and OH)

**Pre-emergence Use Without Irrigation:** Apply 4.6-5.4 pounds of Pyramin DF per acre. Use the lower rate on sandy loam soils. Spray immediately after beet seeds are planted and before beets and weeds emerge. Where dry weather follows application and weeds emerge, use a shallow cultivation before weeds are 2" tall. Otherwise, do not disturb or cover the treated band.

##### • Minnesota and North Dakota

#### Special Instructions For Soils With Organic

**Matter of 5-7%:** Apply 11.25 pounds of Pyramin DF as a single pre-emergence application to control common lambsquarters, prostrate pigweed, redroot pigweed, and wild mustard in Red River Valley soils containing 5-7% organic matter.

Do not use the 11.25 pounds rate on soils with organic matter higher than 7% or less than 5% because this may result in unsatisfactory weed control or crop injury, respectively. Where dry weather follows application, refer to **Pre-emergence Use Without Irrigation**.

##### • Michigan and Ohio

#### Special Instructions For Pre-emergence Velvetleaf Control

For pre-emergence velvetleaf control, apply 8.9 pounds of Pyramin DF per acre as a single pre-emergence application. Spray immediately after beet seeds are planted and before beets and weeds emerge.

Do not use the 8.9 pounds rate on soils with less than 2.5 or higher than 5% organic matter as this may

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cause unsatisfactory weed control or crop injury. If dry weather follows application, refer to **Irrigation** in section II. **Application Instructions**.

##### • Plains, Mountain, and Western States

(CA, CO, ID, KS, MT, NE, OR, TX, UT, WA, and WY)

#### Pre-emergence Use With Sprinkler Irrigation

Prepare the seedbed and pre-irrigate to field capacity of soil. Plant seed 0.75-1" deep. Apply Pyramin DF as a pre-emergence banded surface application. Do not incorporate Pyramin DF where sprinkler irrigation is used, as crop injury may result. Do not use broadcast treatments.

Apply Pyramin DF within 3 days after planting. Follow the directions for banded treatments and adjust application rates accordingly (see **Table 1. Banded Application Rates**).

Follow with no more than 0.75" of sprinkler water per irrigation set before beets and weeds emerge, as greater amounts may cause beet injury. Repeat irrigation as needed to get good beet emergence, however, do not exceed 0.75" of sprinkler water per irrigation set until beets have 2 true leaves. Do not count cotyledonary leaves (the first two leaves to appear).

#### Preplant Incorporation with Furrow Irrigation

On fields that will receive furrow irrigation, prepare the seedbed or form beds for planting. Follow the directions for banded treatments and adjust application rates accordingly (see **Table 1. Banded Application Rates**).

Incorporate Pyramin DF no more than 2" deep using a rotary type tiller. Plant beets and furrow irrigate (see **Irrigation**). Irrigate until tops of beds are thoroughly wetted.

Repeat furrow irrigation as often as necessary to ensure good beet emergence and growth. Sprinkler irrigation can be substituted for furrow irrigation after beets have developed 2 true leaves. Do not count cotyledonary leaves.

To ensure planting into treated bands, do the following in one tractor operation:

- (1) spray Pyramin DF
- (2) incorporate
- (3) plant beets

Treat a band 1-2" wider than the tiller head used. Do not incorporate Pyramin DF with a disk as unsatisfactory weed control and sugar beet injury may result.

#### POSTEMERGENT APPLICATIONS (All States)

Pyramin DF may be used postemergence to beets, however, weeds must not have emerged. When used postemergence to the crop, Pyramin DF can extend preemergence control.

Increased temporary sugar beet injury has been observed where postemergence Pyramin DF has followed preplant applications of Tillam® or Ro-Neet® herbicides.

Timing is very important to successful treatment. Treat after beets have 2 expanded true leaves (Do not count the cotyledonary leaves.), and before any weeds have emerged. Treatments on emerged weeds will not be effective.

Good soil moisture before treatment is necessary. If soil is dry, irrigation is recommended prior to chemical application. For optimum performance, a postemergence application should be followed with

moisture. Where furrow irrigation is possible, irrigate shortly after application to the point that the bed surface has reached maximum water-holding capacity. If sprinkler irrigation is used, do not apply more than 0.75" of water on the first irrigation set after the herbicide application.

**Sugar Beet Tank Mixes**

**Pyramin DF + Betamix or Betanex**

(Not for use in California)

This tank mix provides residual as well as quick postemergence broad spectrum weed control of pigweed, kochia, wild buckwheat, lambsquarters, smartweed, mustard, nightshade (black and hairy), ragweed, and green and yellow foxtails.

Do not add additional surfactants to the tank mix. Do not apply in more than 30 gallons of water per acre. The most restrictive labeling applies to tank mixes. Refer to the manufacturer's instructions for more details on application rates and timings.

**Pyramin DF + Nortron SC**

Use this tank mix under conditions where **Nortron<sup>®</sup> SC herbicide** is recommended. Before using, read the label for **Nortron SC** for additional information and precautions. Refer to **Tables 4 and 5** for rates.

**Winter-grown Sugar Beets in California**

Use this tank mix in fields where wild oats and volunteer cereals are expected to be a problem. Under sprinkler irrigation or where natural rainfall is adequate, apply this tank mix pre-emergence. Refer to **Tables 4 and 5** for application rates and other information. See **Pre-emergence Use With Sprinkler Irrigation** for directions and precautions regarding application of sprinkler irrigation. Where furrow irrigation is to be used, apply this tank mix preplant incorporated. See **Irrigation** in section II. **Application Instructions** for directions and precautions regarding application.

**Sugar Beets in Idaho and Montana**

Refer to **Table 5** for recommended rates. Use this tank mix only under all the following conditions:

- The sugar beets are sprinkler irrigated.
- The tank mix is applied to silt loam or finer textured soils (use higher rates in finer textured soils).
- The tank mix is applied pre-emergence.
- The products are incorporated by applying 0.5" of water within 7 days after application.
- The tank mix is followed with suitable postemergence chemicals to control later germinating weeds as needed.
- Minimal crop injury can be tolerated.

**Table 4. Tank Mix Application Rates of Pyramin<sup>®</sup> DF herbicide + Nortron SC (California Only)**

Soil Texture	Pyramin DF Rate Per Acre		Nortron SC <sup>1</sup> Rate Per Acre	
	Broadcast (for calibration purposes only)	10" Band Width <sup>2</sup> 30" row	Broadcast (for calibration purposes only)	10" Band Width <sup>2</sup> 30" row
<b>Coarse Textured Soils:</b> Sands, loamy sands, and sandy loams	Not Recommended			
<b>Medium Textured Soils:</b> Loams, silt loams, clay loams that contain less than 3% organic matter	4.6 pounds	1.55 pounds	3.0 pints	1.0 pint
<b>Fine Textured Soils:</b> Clay loams that contain more than 3% organic matter and clays	5.4 pounds	1.55 pounds	3.75 pints	1.25 pints

<sup>1</sup> **Nortron SC** (4.0 pounds of active ingredient per gallon).

<sup>2</sup> For other band or row widths, adjust rates in proportion to the area actually treated. Do not apply this mix broadcast.

**Table 5. Tank Mix Application Rates of Pyramin<sup>®</sup> DF+ Nortron<sup>®</sup> SC (Idaho and Montana only)**

Soil Texture	Pyramin DF Rate Per Acre		Nortron SC <sup>1</sup> Rate Per Acre	
	Broadcast (for calibration purposes only)	7" Band Width <sup>2</sup> 22" row	Broadcast (for calibration purposes only)	7" Band Width <sup>2</sup> 22" row
<b>Coarse Textured Soils:</b> Sands, loamy sands, and sandy loams	Not Recommended			
<b>Medium Textured Soils:</b> Loams, silt loams, clay loams that contain less than 3% organic matter	2.3-3.6 pounds	0.78-1.2 pounds	1.5-3.0 pints	0.5-1.0 pint
When kochia, Russian thistle, or grasses are problem weeds, follow these rates:	1.5-2.3 pounds	0.5-0.78 pound	3.0-4.5 pints	1.0-1.5 pints

<sup>1</sup> **Nortron SC** (4.0 pounds of active ingredient per gallon).

<sup>2</sup> For other band or row widths, adjust rates in proportion to the area actually treated. Do not apply this mix broadcast.



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**Crops:**

This product can be used on the following crops:

**Red Table Beets**  
**Sugar Beets**

Look inside for complete **Restrictions and Limitations** and **Application Instructions**.

**Weeds listed in this label:**

Common Name	Scientific Name
Fanweed	<i>Thlaspi arvense</i>
Goosefoot, Nettleleaf	<i>Chenopodium murale</i>
Henbit	<i>Lamium amplexicaule</i>
Kochia	<i>Kochia scoparia</i>
Lambsquarters, Common	<i>Chenopodium album</i>
Nightshade (black and hairy)	<i>Solanum</i> spp.
Pigweed	<i>Amaranthus</i> spp.
Purslane, Common	<i>Portulaca oleracea</i>
Ragweed	<i>Ambrosia</i> spp.
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</i>
Thistle, Russian	<i>Salsola iberica</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Wild Mustard	<i>Sinapsis arvensis</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.

*Pyramin is a registered trademark of BASF AG.  
CommServ is a registered trademark of BASF Corporation.  
Betamix and Betanex are registered trademarks of Schering AG.  
Nortron is a registered trademark of Schering Agrochemicals Limited.  
Tillam and Ro-Neet are registered trademarks of Zeneca, Inc.*

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**Additional Information**

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

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P.O. Box 13528  
Research Triangle Park, NC 27709

