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

MAR 4 1994

Khalid H. Akkari  
BASF CORPORATION  
P. O. Box 13528  
Research Triangle Park, NC 27709

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

**Subject: Label Amendment Submission of 10/14/93 in Response to PR Notice 93-7  
EPA Reg. No. 7969-108  
PYRAMIN SUPER HERBICIDE**

**Dear Registrant:**

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

**Send to EPA one (1) copy of the final printed labeling:**

- **BEFORE** selling or distributing any product bearing the final printed labeling
- AND**
- **WITHIN** one year from date of this acceptance.



**Recycled/Recyclable**  
Printed with SoyCenole Ink on paper that  
contains at least 50% recycled fiber

# Pyramin<sup>®</sup> Super

## herbicide

For weed control in sugar beets and red table beets.

A liquid suspension concentrate (sc) formulation containing:

<b>Active Ingredients*</b> . . . . .	<b>44.36%</b>
Pyrazon(5-amino-4-chloro- 2-phenyl-3(2H)-pyridazinone) . . . . .	(42.6%)
Related aminochloro and dichlorophenyl pyridazinones . . . . .	(1.76%)
<b>Inert Ingredients</b> . . . . .	<b>55.64%</b>
<b>Total</b> . . . . .	<b>100.0%</b>

\*Equivalent to 4.51 pounds per gallon of pyrazon and related aminochloro and dichlorophenyl pyridazinones. Pyrazon ANSI equals chloridazon BSI et al.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

EPA Reg. No. 7969-

MAR 1 1994

**KEEP OUT OF REACH OF CHILDREN.  
CAUTION**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
7969-108

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

### Statement of Practical Treatment

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

If on skin: wash with plenty of soap and water. Get medical attention if irritation persists. Remove contaminated clothing.

If swallowed: induce vomiting by touching the back of the throat. Never induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

Net Contents 2½ gallons

Made in Germany

BASF Corporation  
PO Box 13528, Research Triangle Park, North Carolina 27709-3528

Specimen Label

**BEST AVAILABLE COPY**

## Precautionary Statements

### HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

**Personal Protective Equipment:** Some materials that are chemical-resistant to this product are listed below. If you want more options follow the instructions for category C 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 Barrier Laminate or Butyl Rubber or Nitrile Rubber or Neoprene Rubber
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering control statements:** 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.

# 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 the pesticide regulation.**

## Agricultural Use Requirements

Use this product only in accordance with its labelling 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.

"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, are:

- Coveralls
- Chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber or Nitrile or Neoprene Rubber
- Shoes plus socks

### **Storage and Disposal**

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

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

Triple-rinse container (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:

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

### **General Information**

Among the weeds controlled by Pyramin® Super herbicide are lambsquarters, pigweed, ragweed, shepherdspurse, fanweed, purslane, nightshade, mustard, henbit, smartweed, nettleleaf goosefoot and velvetleaf (Michigan and Ohio only).

Pyramin Super will not provide acceptable control of annual grasses. Where grasses are a serious problem, follow directions on this label for control of grasses with specific combinations featuring Pyramin Super or use a separate treatment in sugar beets or red table beets.

The correct method of application for Pyramin Super varies depending on area and cultural practices. Always follow label recommendations which fit your area and cultural system.

See sections entitled **Mixing Directions and Restrictions and Limitations**.

For band treatments see section entitled **Band Treatment**.

## Mixing Directions

- **Pyramin Super**

Use 20 to 40 gallons of water per acre, broadcast basis, or proportionately less for banded applications.

Fill sprayer  $\frac{3}{4}$  with clean water. Start agitation with a mechanical bypass agitator. While agitating add required amount of **Pyramin Super**. Continue agitation while adding water to fill tank to required volume.

Continue agitation during spraying. Mix only amount of spray solution that will be used immediately.

- **Pyramin Super + Other Products  
(Nortron<sup>®</sup> EC or Antor<sup>®</sup> 4ES Herbicides)**

When tank mixing, each product should be added separately, following the instructions given as to the order of mixing. For estimating suitability of mixes refer to the following section entitled **Ja: Test for Estimating Suitability of Mixes**.

# Jar Test for Estimating Suitability of Mixes

1. **Water Supply:** Use only water from intended source and maintain at source temperature.
2. **Amount of Water in Jar:** For 20 gal/A spray volume (broadcast basis) use 4 cups (946 ml) of water.  
  
For 30 gal/A spray volume (broadcast basis) use 6 cups (1420 ml) of water.  
  
For other spray volumes, adjust proportionately to above.  
  
Add ¼ of the water to jar.
3. **Amount of Herbicide(s) to add:** Add Pyramin Super at a rate of 1 teaspoon for each pint of recommended label rate. Add other liquid herbicide(s) at the same rate. For dry herbicides, add at a rate of 2 leveled teaspoons for each pound of recommended label rate.
4. **Add Components in Following Sequence, gently mixing between component additions:**
  - 1) Dry products.
  - 2) Water miscible products, liquid flowables (Pyramin SUPER).
  - 3) Emulsifiable concentrates (such as Antor and Nortron) when applicable.
  - 4) Add remaining ¼ volume of water to jar.
5. **Cap jar, invert 10 cycles, let stand for 15 minutes, evaluate.**
6. **Evaluation:** An ideal tank mix will be uniform; thus, the suitability of the mixture is questionable if any of the following are observed:
  - Surface layer film or globules incorporated in the mixture.
  - Flocculation - fine particles which may be suspended in the liquid or found as a precipitated layer at the bottom of the jar.  
  
If particles settle to the bottom of the jar, inverting the jar several times will indicate if settled particles can be re-suspended for spraying.
  - Clabbering - thickening texture (coagulated) resembling yogurt or a curd-like texture as with cottage cheese.

## Restrictions and Limitations

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- Do not use this product on soils classified as sands or loamy sands because this may result in crop injury.
- Do not use preemergence on muck and peat.
- Do not use on soils with organic matter higher than 5%, except in the Red River Valley (see special section) or less than 2½% in Michigan/Ohio for velvetleaf control (see special section) since this may result in unsatisfactory weed control or crop injury.
- Do not use **Pyramin Super** as a broadcast treatment in dry irrigated regions, including California.
- Do not mix or apply **Pyramin Super** with any other pesticide or with fertilizer except as specifically recommended on this labeling or approved supplemental labeling.
- Do not plant other crops in the band treated with **Pyramin Super** during the same season if the beet crop is lost due to climatic or soil conditions. If fields are replanted to sugar beets, reseed into the treated band. Do not use **Pyramin Super** again as a preemergence treatment on replanted beets because crop injury may result.
- Do not use the same spray equipment for other purposes unless thoroughly cleaned. Do not contaminate water when disposing of equipment wastewaters.
- Do not store near fertilizers, seeds, insecticides or fungicides.
- Always follow the restrictions and limitations for all products used in a tank mix. The most restrictive labeling applies in tank mixes.
- Do not apply this product through any type of irrigation system.



# Sugar Beets

Two applications of Pyramin Super can be used in Central and Eastern states only. Do not apply more than 6.75 quarts per acre per season.

## Applications of PYRAMIN SUPER Central and Eastern States (MI, MN, ND, OH)

### • General Information

**Preemergence Use Without Irrigation:** Apply Pyramin Super at 2.75 to 3.25 quarts per acre in enough water (20-40 gpa) for good coverage. 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 inches tall. Otherwise, do not disturb or cover treated band.

### • Minnesota, North Dakota - Special Instructions

**For Soils With Organic Matter of 5 to 7%:** Apply Pyramin Super at 6.75 quarts per acre as a single preemergence application for control of common lambsquarters, prostrate pigweed, redroot pigweed and wild mustard in Red River Valley soils containing 5 to 7% organic matter. Spray after beet seeds are planted and before beets and weeds emerge. Do not follow with a postemergence treatment of Pyramin Super.

Do not use the 6.75 quarts rate on soils with organic matter higher than 7% or less than 5% since this may result in unsatisfactory weed control or crop injury, respectively.

Where dry weather follows application, refer to section entitled **Preemergence Use Without Irrigation**.

### • Michigan and Ohio - Special Instructions

**For Preemergence Velvetleaf Control:** In Michigan and Ohio only, for control of velvetleaf preemergence, apply Pyramin Super herbicide at 5½ quarts per acre as a single preemergence application. Spray immediately after beet seeds are planted and before beets and weeds emerge. Do not use the 5½ quarts rate on soils with organic matter higher than 5% or less than 2½ % since this may result in unsatisfactory weed control or crop injury, respectively.

Where dry weather follows application, refer to section entitled **Preemergence Use Without Irrigation**.

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## **Preplant Incorporated and Preemergence Applications of Pyramin Super Cont'd.**

**Plains, Mountain and Western States  
CA, CO, ID, KS, NE, OR, TX, UT, WA, WY**

### **• Fall Planted Sugar Beets (California Only)**

To reduce the potential for sugar beet injury and/or stand reduction, pre-irrigation before planting should occur and Pyramin Super should not be applied until temperatures in the fall average below 90°F. Replanting may be necessary if these conditions are not followed.

### **• Preemergence Use With Sprinkler Irrigation**

Prepare seedbed and pre-irrigate to field capacity of soil. Plant seed  $\frac{3}{4}$  to 1 inch deep. Apply Pyramin Super as a preemergence banded surface application. Do not incorporate Pyramin Super where sprinkler irrigation is used, as crop injury may result. Do not use broadcast treatments.

Immediately, or within 3 days after planting, apply Pyramin Super; use 2.75 quarts per acre on low organic matter (less than 3%) loam soils or 3.25 quarts per acre on loam and clay soils. Follow directions for banded treatments (see section entitled **Band Treatment, Table 1**) and adjust application rates accordingly. Follow with no more than  $\frac{3}{4}$  inch of sprinkler irrigation water per 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  $\frac{3}{4}$  inch of sprinkler irrigation water per set until beets have 2 true leaves. Do not count cotyledonary leaves (the first 2 leaves to appear).

### **• Preplant Incorporation with Furrow Irrigation**

Use the following planting procedure on fields to receive furrow irrigation. Prepare seedbed or form beds for planting. Apply and incorporate Pyramin Super at 2.75 quarts per acre on low (less than 3%) organic matter and sandy loam soils. Apply 3.25 quarts of Pyramin Super per acre on loams, silt loams and clays. Follow directions for banded treatments (see section entitled **Band Treatment, Table 1**) and adjust application rates accordingly. Incorporate no more than 2 inches deep using a rotary type tiller. Plant beets and furrow irrigate. Irrigate until tops of beds are thoroughly wetted. Pyramin Super requires moisture to control weeds effectively.

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 (the first 2 leaves to appear).

To assure planting into treated bands, do the following in one-tractor operation: (1) spray Pyramin Super (2) incorporate, and (3) plant beets. Treat a band 1 or 2 inches wider than tiller head used. Do not incorporate Pyramin Super with a disk because unsatisfactory weed control and sugar beet injury may result.

## Tank Mixes for Sugar Beets

### • Pyramin Super + Nortron® EC Herbicides for Winter-grown Sugar Beets in California

A tank mix of Pyramin Super plus Nortron at rates listed in Table 2 are recommended in fields where wild oats and volunteer cereals are expected to be a problem.

#### Mixing Directions

When mixing, add Pyramin Super slowly to three-quarters the spray volume of water. Agitate spray solution thoroughly, and then add Nortron EC. Agitate while filling to final spray volume and during spraying.

#### Application

Under sprinkler irrigation or where natural rainfall is adequate, apply this tank mix preemergence. See Preemergence 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 Preplant Incorporation With Furrow Irrigation for directions and precautions regarding application. Use this mixture under conditions where NORTRON is recommended. Before use, read the label for NORTRON for additional information and precautions.

**Table 2. Tank Mix of Pyramin Super + Nortron EC (California Only)**

SOIL TEXTURE	PYRAMIN SUPER PER ACRE		NORTRON EC <sup>(2)</sup> PER ACRE	
	BROADCAST (FOR CALIBRATION PURPOSES ONLY)	10-INCH BAND WIDTH <sup>(1)</sup> 30" ROW	BROADCAST (FOR CALIBRATION PURPOSES ONLY)	10-INCH BAND WIDTH <sup>(1)</sup> 30" ROW
Coarse Textured Soils: Sands, loamy sands and sandy loams	NOT RECOMMENDED			
Medium Textured Soils: Loams, silt loams, clay loams which contain less than 3% organic matter	2.75 quarts	0.92 quarts	8 pints	2½ pints
Fine Textured Soils: Clay loams which contain more than 3% organic matter and clays	2.75 quarts	0.92 quarts	10 pints	3½ pints
<p><sup>(1)</sup> For other band or row widths, adjust rates in proportion to the area actually treated. Do not apply this mixture broadcast.</p> <p><sup>(2)</sup> NORTRON EC (1.5 lbs. active ingredient per gallon).</p>				

# Tank Mixes for Sugar Beets Cont'd.

## • Pyramin Super + Antor<sup>®</sup> 4ES Herbicides

(For use in California, Northwest and Intermountain States, Michigan and Ohio)

Do not premix Pyramin Super and Antor 4ES together before adding to spray tank. Follow mixing directions in Directions for Tank Mixes of Pyramin Super plus Antor 4ES.

For control of weeds included on labels for Pyramin Super and Antor 4ES, apply a tank mix according to directions presented by region. Observe all cautions and limitations on labeling of both products. The most restrictive labeling applies in tank mixes.

### Pyramin Super/Antor 4ES Tank-mixing Instructions

1. Fill spray tank three-quarters full with water and begin agitation.
2. Add required amount of Pyramin Super to the spray tank. Do not pre-mix, slurry or use in induction system for adding Pyramin Super to the spray tank.
3. Rinse (triple) Pyramin Super container and pour rinsate into spray tank.
4. Add a compatibility agent to spray tank. Unite<sup>®</sup> and Blendex<sup>®</sup> are recommended choices. Refer to their label for recommended dosage to use. Continue to add water. Stop before final volume to allow enough volume to add required ANTOR 4ES.
5. Add ANTOR 4ES to spray solution.
6. Finalize sprayer solution volume by the addition of water (if necessary) to the spray tank.
7. Maintain agitation during spraying.
8. Mix only amount of spray solution that will be used immediately.

### California

For preplant incorporation with furrow irrigation, apply tank mix to soil surface prior to or at time of planting. Incorporate to a depth of 1 to 2 inches using a rotary-type tiller. Use recommended rates in Table 3, Application Rate Table. Irrigate until tops of beds are thoroughly wetted.

For preemergence application with sprinkler irrigation, apply tank mix to soil surface at time of planting or shortly after, but prior to weed germination using rates recommended in Table 3, Application Rate Table. Irrigate prior to crop and weed germination. Follow directions and precautions on this label for preemergence use with sprinkler irrigation. Do not exceed 1/4 inch of sprinkler irrigation water per set until sugar beets have 2 true leaves. Do not count cotyledonary leaves (the first 2 leaves to appear).

### Northwest, Intermountain States

For preemergence use with sprinkler irrigation, apply tank mix to soil surface at planting time or shortly after, but prior to weed germination, using rates recommended in Table 3, Application Rate Table. Do not exceed 1/4 inch of sprinkler irrigation water per set until sugar beets have 2 true leaves. Do not count cotyledonary leaves (the first 2 leaves to appear).

### Michigan and Ohio

For use preemergence without irrigation, apply tank mix to soil surface to planting time or shortly after, but prior to weed germination using rates recommended in the Table 3, Application Rate Table.

**Table 3**

<b>Tank Mix of Pyramin Super + Antor 4ES Application Rate Table</b>			
<b>AREA</b>	<b>SOIL TEXTURE</b>	<b>BROADCAST RATE/ACRE<sup>(1)</sup></b>	
		<b>PYRAMIN SUPER</b>	<b>ANTOR 4ES</b>
California, Northwest and Intermountain States, Michigan and Ohio	<b>Coarse:</b> Sandy loams only.	2½ quarts	2 quarts
	<b>Medium:</b> Loams, silt loams and clay loams containing less than 3% organic matter.	2.75 quarts	2-3 <sup>(2)</sup> quarts
	<b>Fine:</b> Clay loams and clays containing 3-5% organic matter.	2.75 quarts	3 quarts

<sup>(1)</sup> See section of both labels on band application for calculation of proportional amounts.  
<sup>(2)</sup> Use higher rate on clay loam soils.

## **Pyramin Super for Postemergence Application in Sugar Beets (All States)**

- **Timing**

Timing is very important. Treat after beets have 2 expanded true leaves (do not count cotyledonary leaves, which are the first 2 leaves to appear) and before any weeds have more than 2 to 4 true leaves. Treatments on larger weeds will not be effective. When used postemergence to the crop, Pyramin Super can extend preemergence weed control.

- **Soil Moisture**

Good soil moisture *prior* to treatment is necessary. If soil is dry, irrigation is recommended prior to 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 ¾ inch of water on the first set after herbicide application.

- **Application**

Postemergence applications can follow preemergence Pyramin Super use provided a total of 6.75 quarts per acre per season of Pyramin Super is not exceeded. Do not apply Pyramin Super if weeds are stressed by lack of moisture, excessive heat, high winds, frost or temperature, as insufficient weed control may result. Apply postemergence only when conditions are favorable for crop and weed growth.

- **Note**

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

## **Adjuvants for Postemergence Application in Sugar Beets**

### **• Pyramin Super + Nonphytotoxic Emulsifiable Oil**

Addition of a nonphytotoxic emulsifiable oil to **Pyramin Super** may improve broadleaf weed control and allow greater flexibility in timing of successful applications relative to size of weeds. Apply 2.75 to 3.25 quarts **Pyramin Super** per acre according to soil type and organic matter content with 1 gallon of nonphytotoxic, emulsifiable oil per acre (broadcast basis). Use sufficient spray solution for good coverage, 20-100 gallons per acre treated.

Use a nonphytotoxic oil containing 2% emulsifier and characterized as having an unsulphonated residue of over 95%.

Add **Pyramin Super** first to half the spray volume of water and mix thoroughly in the spray tank; then add the emulsifiable oil with the agitator running. Finally, fill the tank with water to required volume.

Do not use oil when maximum temperatures are expected to exceed 90°F at any time during the five-day period following the application, as excessive crop injury may result.

For specific directions for using a nonphytotoxic oil with **Pyramin Super** in your locality and for recommended brands of oil to use, consult your local sugar company fieldman or BASF representative.

# Band Treatment

When spraying a band over the row, the amount of Pyramin Super 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:

**2.75 quarts/A x ¼ of area banded = 0.69 quarts per banded acre.**

Refer to **Table 1** entitled **Band Application Rates**.

Using planter-mounted band sprayers ensures that all planted beets are treated, band is centered over the row, and that band width and rate of chemical are uniform.

<b>Table 1. Banded Application Rates</b>		
BAND AND ROW WIDTH	QUARTS PYRAMIN SUPER PER BANDED ACRE FOR BROADCAST RATE OF:	
	2.75 QUARTS/ACRE	3.25 QUARTS/ACRE
6-inch band on 24-inch rows	0.69	0.81
7-inch band on 22-inch rows	0.88	1.03
7-inch band on 28-inch rows	0.69	0.81
10-inch band on 22-inch rows	1.25	1.48
10-inch band on 28-inch rows	1.0	1.16
10-inch band on 30-inch rows	0.92	1.08
12-inch band on 24-inch rows	1.38	1.63
30-inch band on double rows on 30 inch beds with beds on 40-inch centers - California only	2.06	2.44

CONVERSION RATES					
Quarts/A	Fluid Ounces/A	Milliliters/A	Quarts/Acre	Fluid Ounces/A	Milliliters/A
0.69	22.1	653	1.16	37.1	1097
0.81	25.6	766	1.25	40.0	1183
0.88	28.2	832	1.38	44.2	1305
0.92	29.5	870	1.48	47.4	1400
1.0	32.0	946	1.63	52.2	1542
1.03	33.0	974	2.06	65.9	1949
1.08	34.6	1022	2.44	78.1	2308



# Pyramin Super for Red Table Beets

## • Preemergence Application

Apply 2.75 to 3.25 quarts per acre of Pyramin Super herbicide in enough water for good coverage. Use lower rate on sandy loam soils. Spray after beet seeds are planted but before beets and weeds emerge.

If rain does not fall within 5 to 10 days after treatment, beets should be irrigated to activate Pyramin Super. If irrigation is not possible, use a shallow cultivation before weeds are 2 inches tall.

## • Early Postemergence Application

Apply 3.25 quarts of Pyramin Super.

Timing is very important. Treat after beets have 2 expanded true leaves and before any weeds have more than 2 to 4 true leaves. This is usually within 2 weeks after planting. Treatment on larger weeds will not be effective.

## • Note

Pyramin Super may be used both pre- and postemergence in the same season provided the combined rates do not exceed 6.5 quarts per acre. Follow directions given on this label for each type of application.

## • Band Treatment

When spraying a band over the row, the amount of Pyramin Super applied per acre is in proportion to the area actually treated. See section entitled Band Treatment.

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# 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.*

*Antor and Nortron are registered trademarks of NOR-AM Chemical Company.*

*Unite is a registered trademark of Hopkins Agricultural Chemical Company.*

*Blendax is a registered trademark of Helena Chemical Company and Setre Chemical Company.*

*Tillam and Ro-Neet are registered trademarks of ICI Americas Inc.*

U.S Patent 3,210,353

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