United States Environmental Protection Agency
Washington, D.C. 20460

Office of Prevention, Pesticides and Toxic Substances

New York State Department of Environmental Conservation
Division of Solid & Hazardous Materials
Bureau of Pesticides Management
625 Broadway
Albany, NY 12233-7254

Effective: May 15, 2006
Expires: August 15, 2006
File Symbol: 06-NY-02
Report Due: February 15, 2007

ATTN: Maureen Serafini, Director

The Environmental Protection Agency (EPA) hereby grants a specific exemption under the provisions of section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to the New York State Department of Environmental Conservation for the use of desmedipham on red (table) beets to control several important broadleaf weeds, including hairy galinsoga, common ragweed, redroot pigweed, common lambsquarters, velvetleaf, nightshade spp. and wild mustard. This specific exemption is subject to the conditions and restrictions set forth in your application, as well as the following:

1. The New York State Department of Environmental Conservation is responsible for ensuring that all provisions of this specific exemption are met. It is also responsible for providing information in accordance with 40 CFR 166.32(b). This information must be submitted to EPA headquarters and the EPA regional office within six months of the expiration date of this exemption. In accordance with 40 CFR 166.32(a) these offices shall also be immediately informed of any adverse effects resulting from the use of this pesticide in connection with this exemption.

ANY FUTURE CORRESPONDENCE IN CONNECTION WITH THIS EXEMPTION MUST REFER TO FILE SYMBOL: 06-NY-02

2. The product, Betanex Herbicide (EPA Reg. No. 264-620), manufactured by Bayer CropScience LP, may be applied. All applicable directions, restrictions, and precautions on the
EPA-registered label must be followed unless otherwise modified in this authorization document. The Use Directions which you submitted January 24, 2006, may also be used.

3. Desmedipham may be applied at a rate of 0.25 to 0.50 lb. a.i./acre with ground equipment using 20 to 50 gallons of water per acre as a broadcast treatment, or 5 to 10 gallons banded over the row. Three applications may be made, by ground equipment only. A 50-day pre-harvest interval (PHI) is required.

4. A maximum of 2,500 acres of red (table) beets may be treated.

5. Time-limited tolerances for residues of desmedipham on red beet roots at 0.2 ppm and in red beet tops at 15 ppm have been established for previous emergency programs for this use. See the Federal Register of August 29, 1997. These time-limited tolerances were subsequently extended and now expire on June 30, 2008.

6. This specific exemption expires August 15, 2006.

This is the eleventh year that this use of desmedipham on garden beets has been requested under section 18 of FIFRA. IR-4 has recently submitted a tolerance petition to EPA for this use. Progress toward registration is deemed adequate with that submission.

/s/

James Jones

James J. Jones, Director
Office of Pesticide Programs

Date: 2/1/06

cc: Region 2
Adrian Enache; Tom Zachos

cjerowle@gw.dec.state.ny.us
FOR DISTRIBUTION AND USE ONLY IN THE STATE OF NEW YORK UNDER SECTION 18 SPECIFIC EXEMPTION

This labeling must be in possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire Directions for Use and Disclaimer of Warranties before using this product. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the registered product label for Betanex® Herbicide (EPA Registration Number 264-520).

Any adverse effects resulting from the use of Betanex® Herbicide under this specific exemption must be immediately reported to the New York State Department of Environmental Conservation.

EFFECTIVE PERIOD:
This labeling becomes effective May 15, 2006 and expires on August 15, 2006

DIRECTIONS FOR USE
A maximum of 2,500 acres of Red (Table) Beets in New York may be treated.

Betanex® Herbicide FOR AGRICULTURAL USE ONLY
Postemergence Herbicide for Control of Redroot Pigweed and Other Weeds in Red (Table) Beets

GENERAL INFORMATION
When used as directed, BETANEX® Herbicide is selective against weeds in red (table) beets. Follow label directions carefully to avoid severe injury to red (table) beets. For best results, spray weeds in the cotyledon stage which are actively growing and are not under water or heat stress. BETANEX® Herbicide will control the following weeds:

- Eastern Black nightshade (Solanum nigrum)
- Hairy galinsoga (Galinsoga canthium)
- Hairy nightshade (Solanum sarrachoides)
- Common lambsquarters (Chenopodium album)
- Common ragweed (Ambrosia artemisiifolia)
- Redroot pigweed (Amaranthus retroflexus)
- Velvetleaf (Abutilon theophrasti)
- Wild mustard (Brassica kaber)

USE PRECAUTIONS
DO NOT APPLY BETANEX® HERBICIDE TO RED (TABLE) BEETS LATER THAN 50 DAYS PRIOR TO HARVEST.
DO NOT EXCEED A TOTAL OF 7 PINTS BETANEX® PER ACRE PER SEASON.
DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.
BETANEX® MAY CAUSE BEET INJURY IF THE CROP IS UNDER STRESS FROM ONE OR MORE OF THE FOLLOWING CONDITIONS:
- Rapid climatic changes from cool, overcast days, to hot (80°F or over) bright days. When the air temperature is, or is likely to be, above 80°F on the day of spraying, application should be made in the late afternoon when the temperature is decreasing
- Frost within 3 days prior to application or 7 days following treatment could cause beet injury.
- Windy conditions or drought
- Use of a preplant or preemergence herbicide or other chemicals
- Insect or disease injury

Betanex is a registered trademark of Bayer.
- Close cultivation
  If stress conditions are present, delay application in order to give plants a chance to recover.

**IMPORTANT:** BETANEX® Herbicide may cause temporary growth retardation and/or chlorosis or tipburn on table beets. Table beets usually resume normal growth within 10 days.

**DO NOT OVERTREAT:** The use of higher than recommended rates may cause beet injury and/or carry over problems.

Do not spray while dew is present.

Rainfall or sprinkler irrigation within 6 hours of spraying may reduce weed kill.

Do not allow spray drift to contact adjacent crops which may be injured by spray drift.

**MIXING THE SPRAY**

**MAKE SURE THE SPRAYER IS CLEAN.**

BETANEX® emulsifiable concentrate formulation contains sufficient wetting agents for optimum coverage. Do not add additional wetting agents or other spray adjuvants. Add sufficient water to fill the lines. Then add the desired amount of BETANEX® Herbicide and the remaining quantity of water with the bypass agitator running. Bypass agitation is sufficient. Mechanical agitation is not necessary. Only use freshly prepared spray emulsions.

Always spray immediately after preparing the spray solution. Prepare only enough spray solution to last less than four hours.

**RATE OF APPLICATION**

Multiple applications of BETANEX® Herbicide may be applied by ground to red (table) beets to control early germinating weeds. The first application must be applied when the red (table) beets have reached the 2-leaf stage. See Chart 1 for broadcast rates. For broadcast applications with ground equipment, apply in 20 - 50 gallons of water per acre. Use 5 - 10 gallons of water per acre with band applications. See Chart 2 for equivalent band rates. Any weeds which are not completely controlled by the first treatment will usually be checked and controlled by repeat applications. The repeat application should be made 5 to 7 days after the preceding application or when another flush or weeds germinates. A maximum of three (3) applications is allowed.

### CHART 1

<table>
<thead>
<tr>
<th>ACCEPTED</th>
<th>DOSAGE CHART FOR BROADCAST APPLICATIONS</th>
<th>BETANEX® Herbicide Pints/Acre Broadcast</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MAR 2 2006</strong></td>
<td><strong>2 leaf</strong></td>
<td>1.5</td>
</tr>
<tr>
<td></td>
<td><strong>4 leaf</strong></td>
<td>1.5 - 2.3</td>
</tr>
<tr>
<td></td>
<td><strong>6 leaf</strong></td>
<td>1.5 - 3.0</td>
</tr>
</tbody>
</table>

### CHART 2

**BETANEX® DOSAGE CHART FOR BAND APPLICATION**

<table>
<thead>
<tr>
<th>Broadcast Equivalent</th>
<th>Band Width</th>
<th>22&quot;</th>
<th>24&quot;</th>
<th>28&quot;</th>
<th>30&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.50 pints/acre</td>
<td>5&quot;</td>
<td>5.5</td>
<td>5.0</td>
<td>4.3</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>7&quot;</td>
<td>7.8</td>
<td>7.0</td>
<td>6.0</td>
<td>5.6</td>
</tr>
<tr>
<td>2.0 pints/acre</td>
<td>5&quot;</td>
<td>7.3</td>
<td>6.7</td>
<td>5.7</td>
<td>5.3</td>
</tr>
<tr>
<td></td>
<td>7&quot;</td>
<td>10.2</td>
<td>9.3</td>
<td>8.0</td>
<td>7.5</td>
</tr>
<tr>
<td>3.0 pints/acre</td>
<td>5&quot;</td>
<td>10.9</td>
<td>10.0</td>
<td>8.6</td>
<td>8.0</td>
</tr>
<tr>
<td></td>
<td>7&quot;</td>
<td>14.0</td>
<td>12.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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For **MEDICAL And TRANSPORTATION** Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For **PRODUCT USE** Information Call 1-866-998-BAYER (1-866-992-2937)

Visit our worldwide web site at [www.bayercropscienceus.com](http://www.bayercropscienceus.com)

As with any crop-protection product, always read and follow label directions.
For additional information call toll-free 1-866-998-BAYER (1-866-992-2937).

Betanex is a registered trademark of Bayer.

03/02/06 Effective Date 05/15/06 Expiration Date 08/15/06