

**FOR USE IN NO-TILL SUNFLOWERS  
IN  
COLORADO, KANSAS, MINNESOTA, NEBRASKA,  
AND NORTH AND SOUTH DAKOTA**

**OBSERVE ALL PRECAUTIONARY STATEMENTS, MIXING INSTRUCTIONS, AND  
ROTATIONAL CROP RESTRICTIONS IN THE PROWL LABEL BEFORE USING.**

**PROWL AND PROWL TANK MIXTURES FOR  
PREPLANT OR PREEMERGENCE APPLICATIONS IN NO-TILL  
SUNFLOWER PRODUCTION SYSTEMS**

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**NOTE:** Existing living vegetation must be controlled at or before the application of PROWL. This may be accomplished by applying a contact herbicide registered for use in sunflowers, or by using PROWL or PROWL tank mixtures with such a contact herbicide. Consult the contact herbicide label for all directions, precautions, and restrictions.

Uniformly apply PROWL alone or in combination with other herbicides registered for use in sunflowers in 20 to 60 gallons of water per acre by ground equipment. Use the higher gallonage for fields with history of heavy weed infestations or if the field has excessive crop residues. Consult the application rate chart below for the broadcast rate per acre of PROWL herbicide for use in no-till sunflowers.

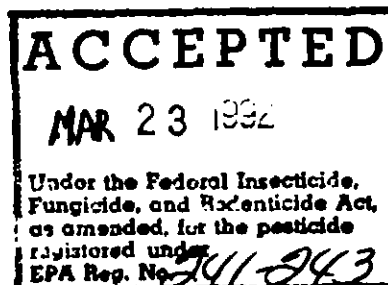
PROWL may be applied immediately after planting, or up to 30 days before planting. DO NOT apply PROWL postemergence since sunflowers exposed at the time of application will be killed. PROWL is most effective in controlling weeds when adequate rainfall or irrigation is received within 7 days after application, otherwise a registered postemergence grass herbicide treatment may be required.

Refer to the PROWL leaflet label for specific directions regarding mixing, spraying, and liquid fertilizer compatibility determinations.

All applicable directions, restrictions, and precautions on the EPA registered label(s) are to be followed.

®Registered Trademark of American Cyanamid Company

**BEST AVAILABLE COPY**



(over)

	Organic matter	Organic matter
COARSE	2.5 to 3.0 pts.	3.0 pts.
MEDIUM	3.0 pts.	3.0 pts.
COARSE	3.0 pts.	DO NOT USE

**NOTE: DO NOT** feed forage or graze livestock on treated sunflower fields. In the event of crop loss due to weather conditions, sunflowers, or any crop labelled for preplant incorporated treatments of PROWL may be replanted. If sunflower replanting is necessary, **DO NOT** work the soil. Observe all precautions and limitations on tank mix partner labels.

### WEED SPECIES CONTROLLED

When applied as directed PROWL will control the following weeds in no-till sunflowers:


Barnyardgrass (*Echinochloa crus-galli*)  
 Crabgrass (*Digitaria spp.*)  
 Carpetweed (*Mollugo verticillata*)  
 Foxtail;  
     Green (*Setaria viridis*)  
     Yellow (*Setaria glauca*)  
 Lambsquarters (*Chenopodium album*)  
 Pigweed (*Amaranthus spp.*)

In order to control weeds other than those listed above, a registered tank mix partner may be used. PROWL plus registered tank mix partners will control all weeds listed on the partners label in addition to the weeds listed above.

**NOTE: DO NOT** plant winter wheat or winter barley in the fall following PROWL application at rates above 3 pints per acre. **DO NOT** plant no-till wheat the fall following a no-till application in sunflowers. PROWL is not recommended for use on peat or muck soils.

This label must be in the possession of the user at the time of herbicide application.

PE-8482 2/24/92 SD

 **CYANAMID**  
 American Cyanamid Company  
 Agricultural Division  
 Crop Protection Chemicals Department  
 Wayne, NJ 07470 C1088

**BEST AVAILABLE COPY**

**EPA REG. NO. 241-243**

**FOR USE IN CONSERVATION-TILLAGE AND NO-TILL SYSTEMS  
SURFACE APPLICATIONS OF PROWL MADE BEFORE PLANTING  
IN SOYBEANS**

**FOLLOWED BY EARLY POST APPLICATIONS OF PURSUIT® HERBICIDE**

OBSERVE ALL PRECAUTIONS AND LIMITATIONS ON THE PROWL LEAFLET LABEL. SEE THE PROWL LEAFLET FOR APPLICATION INFORMATION AND WEED SPECIES CONTROLLED.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to the PROWL leaflet label for Chemigation instructions. DO NOT apply PURSUIT through any type of irrigation system. PROWL alone or in a tank mixture may be applied in 20 to 60 gallons of water per acre to the soil up to 45 days before planting in soybeans as follows:

Surface applications of PROWL up to 45 days prior to planting SHOULD be followed by a POSTEMERGENCE program using PURSUIT herbicide. Consult the PURSUIT label for PURSUIT herbicide application instructions and precautions. For situations where incorporation is desired, consult the PROWL leaflet label for incorporation instructions.

Use the higher gallonage of PROWL for fields with heavy vegetation or excessive crop residues. 2,4-D, Roundup<sup>1</sup>, BUTYRAC<sup>2</sup> 200 (2,4-DB), or paraquat should be used to kill existing vegetation, if present before planting. PROWL alone will not kill or control weeds that have germinated prior to PROWL application. 2,4-D, Roundup, Butyrac 200, or paraquat can be applied alone, or in tank mix combinations with PROWL. Consult the PROWL leaflet label for tank mix instructions in Soybeans with Roundup or paraquat in Conservation and No-Till Systems. Consult the 2,4-D or Butyrac 200 leaflet label for use instructions and restrictions and a list of weeds controlled by these herbicides. DO NOT apply 2,4-D within 30 days of planting soybeans

Apply PROWL at the highest recommended rate by soil type and organic matter described under the general instructions for preemergence applications in soybeans. PROWL may be applied at up to 3.0 pints per acre for fine soils with greater than 3.0% organic matter. If sufficient rain to activate PROWL does not occur before planting, the use of a registered postemergence herbicide treatment may be required to control weed escapes present at planting or following soybean emergence. Where appropriate, rotary hoeing or shallow cultivation should be made after crop emergence while weeds are small enough to be controlled by mechanical means.

If PROWL surface applications cannot be made prior to planting, follow the preemergence application instructions found in the PROWL leaflet label. DO NOT apply PROWL at or after planting North of I-80. Surface applications North of I-80 require at least 1 inch of rainfall or mechanical incorporation of PROWL prior to planting.

DO NOT use this application method in California.

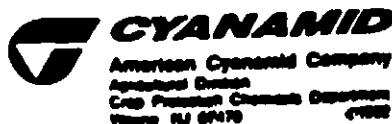
Always check tank-mix compatibility with tank mix partners prior to filling spray tank. Consult partner labels for correct use rates and label restrictions.

OBSERVE ALL PRECAUTIONS, LIMITATIONS, AND CROPPING RESTRICTIONS ON THE PRODUCT LEAFLET LABELS. ALWAYS FOLLOW THE MOST RESTRICTIVE LABEL.

This label must be in the possession of the user at the time of herbicide application.

<sup>1</sup>Roundup is a trademark of Monsanto Ag. Products Co.  
<sup>2</sup>Butyrac is a trademark of Fisons-Purdum.  
<sup>3</sup>Registered Trademark of American Cyanamid Company  
PB-8434 Rev. 2/24/92 828/91 8/0

**BEST AVAILABLE COPY**



**ACCEPTED**  
MAR 23 1992  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-243