



000241-00361-021899

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Systems Integration Group, Inc.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Ms. Janet M. Overholt
Product Registrations Manager
American Cyanamid Company
Agricultural Research Division
P.O. Box 400
Princeton, NJ 08543-0400

SUBJECT: DETAIL Herbicide, EPA Reg. No. 241-361,
Application for amendment of supplemental label to permit tank mixes or sequential
programs with Roundup Ultra herbicides for weed control in no-till soybeans and in
Roundup-Ready soybeans,
OPP Application number 250735, dated November 25, 1998

Dear Ms. Overholt:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided you make the following changes in future printings of this product label within one year.

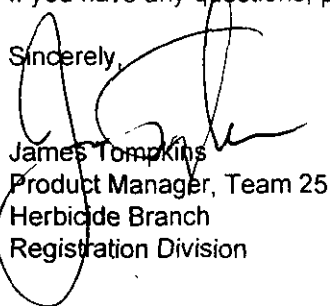
1. If you want the supplemental labels to include "Touchdown"
 - a. Mention "Touchdown" in the supplemental label title.
 - b. Specify which of the Zeneca Touchdown products you mean. This should be either Touchdown BTU - 10182-429 or Touchdown Herbicide - 10182-324 since only they are registered for use on soybeans.

2. Either eliminate the references to "other glyphosate-containing products" besides Roundup Ultra or state which products you mean, citing specific brand names and EPA registration numbers, again, making sure that their labels list soybeans as a use site.

A stamped copy is enclosed for your records. Please submit one copy of the final printed labeling before you release the product for shipment.

If you have any questions, please contact Lisa Jones of my staff at (703) 308-9424.

Sincerely,



James Tompkins
Product Manager, Team 25
Herbicide Branch
Registration Division

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	Lisa Jones							
DATE ▶	Feb 18, 1999							

DETAIL[®]

herbicide

Supplemental
Labeling

2 of 3

EPA Reg. No. 241-361

**DETAIL AND ROUNDUP ULTRA¹ IN A TANK-MIXTURE OR
SEQUENTIAL PROGRAM FOR WEED CONTROL IN NO-TILL
SOYBEANS AND IN ROUNDUP READY¹ SOYBEANS**

OBSERVE ALL PRECAUTIONARY STATEMENTS IN THE DETAIL AND ROUNDUP ULTRA LABELING BEFORE USING. SEE THE DETAIL LEAFLET LABEL FOR PRECAUTIONS, WORKER PROTECTION STANDARD REQUIREMENTS, APPLICATION INFORMATION, WEEDS CONTROLLED, USES WITH OTHER PRODUCTS AND ROTATIONAL CROP RESTRICTIONS.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The use of DETAIL herbicide not consistent with this labeling may result in injury to crops. **DO NOT** apply this product through any type of irrigation system.

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

GENERAL INFORMATION

DETAIL applied early preplant or preemergence in conservation tillage systems provides early season and residual control of many broadleaf and grass weeds. Roundup Ultra (or another glyphosate-containing product) may be tank-mixed with DETAIL for enhanced burndown of weeds common to no-till production, such as marestalk.

On Roundup Ready soybeans, grown under conventional or conservation tillage, DETAIL may be applied early preplant or preemergence for control of many broadleaf and grass weeds. If weeds emerge later, Roundup Ultra (or another glyphosate-containing product which may be used post-emergence on Roundup Ready soybeans) may be applied post-emergence for weed control.

BURNDOWN WEED CONTROL (No-till soybeans and stale seedbed)

Apply DETAIL with either Roundup Ultra (or another glyphosate-containing product) or Touchdown² herbicide for burndown of weeds in no-till soybeans. This tank mixture may be applied prior to planting, or preemergence of any soybean variety (including Roundup Ready soybeans). Roundup Ultra or Touchdown will enhance control of weeds including marestalk, common lambsquarters, common ragweed, and waterhemp species.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

FEB 18 1999

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
241-361**

(see other side)

SEQUENTIAL APPLICATIONS OF DETAIL FOLLOWED BY ROUNDUP ULTRA (glyphosate-resistant soybeans)

On Roundup Ready soybeans treated with DETAIL, if weeds emerge in season, control may be maintained by post-emergence application of Roundup Ultra (or another glyphosate-containing product which may be used post-emergence on Roundup Ready soybeans). For sequential treatments, a sufficient time period should elapse between treatments to allow an appropriate assessment of weed control needs.

NOTE: DO NOT apply Roundup Ultra (or other glyphosate-containing products) post-emergence to non glyphosate-resistant soybeans. For post-emergence applications, apply only glyphosate-containing products that may be used on glyphosate-resistant soybeans.

RATES

TANK MIXTURES FOR BURNDOWN (No-till soybeans and stale seedbed):

Apply DETAIL at 2 pints per acre plus either Roundup Ultra (or other glyphosate-containing products) or Touchdown (refer to the respective labels for recommended use rates, depending on weed size).

SEQUENTIAL PROGRAMS (glyphosate-resistant soybeans)

Apply DETAIL at 2 pints per acre to the soil. Apply Roundup Ultra at 1 pint per acre (or an equivalent rate for other glyphosate-containing products) when weeds are 1-3 inches tall. For applications to weeds taller than 1-3 inches, refer to the labeling for Roundup Ultra (or other glyphosate-containing product which may be used post-emergence on Roundup Ready soybeans) for recommended rates.

MIXING INSTRUCTIONS

Tank-mixtures of DETAIL with Roundup Ultra (or another glyphosate-containing product) or Touchdown for burndown applications require the addition of a surfactant and fertilizer. Use a nonionic surfactant (containing at least 80% active ingredient) at 0.25% v/v (1 quart per 100 gallons of spray mixture). Include ammonium sulfate (spray grade) at 2.5 lb per acre, or a nitrogen-based fertilizer (e.g., 28%N, 32%N, or 10-34-0) at 1-2 quarts per acre.

Use of DETAIL herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

When tank-mixing herbicides, always follow the most restrictive label.



- ® Registered Trademark of American Cyanamid Company
- 1 Trademarks of Monsanto Company
- 2 Trademark of Zeneca

