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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

MAY 8 2007

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Rafael Herrera
Dow AgroSciences
Indianapolis, IN 46268

Subject: Starane NXT Herbicide
EPA Registration No. 62719-557
Supplemental Labeling for Field Corn submitted February 12, 2007

Dear Mr. Herrera:

The supplemental labeling referred to above is acceptable. This supplemental labeling expires on May 7, 2008. A stamped copy of the label is enclosed for your records.

If you have any questions about this letter, you may call Tobi Colvin-Snyder at 703-305-7801.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Tompkins".

Jim Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

ACCEPTED
~~with COMMENTS~~
 In EPA Letter Dated

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MAY 8 2007

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

62719-557

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Starane[®] NXT EPA Reg. No. 62719-557

For Postemergence Control of Annual Broadleaf Weeds In Field Corn

(For Distribution and Use in the States of Wyoming, Nebraska, Colorado and Kansas)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Starane[®] NXT herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Starane NXT according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Starane NXT.

Directions for Use

Starane[®] NXT herbicide is recommended for selective control of annual broadleaf weeds in field corn.

Corn (field)

Apply Starane NXT to field corn at the application rates and timings shown in the table below.

Application Rate	Crop Stage	Weeds
14 to 21 fl oz / Acre	Apply from prior to planting to just prior to crop emergence	Refer to the application rate and weeds controlled table for corn.
14 fl oz / Acre	Apply from emergence up to and including the V5 growth stage	
21 to 27.4 fl oz / Acre	Apply from the V4 growth stage up to and including the V5 growth stage	Use the 27.4 fl oz per acre rate on corn to control susceptible weeds that are growing under less than optimum conditions and where Starane NXT plus atrazine cannot be used.

Weeds Controlled

Weed species ¹	14 fl oz / Acre		21 to 27.4 fl oz / Acre ²		27.4 fl oz / Acre ²
	Max. Leaf Stage	Max. Weed Height (inches)	Max. Leaf Stage	Max. Weed Height (inches)	Max. Weed Height (inches)
buckwheat, wild	4	6	6	8	8
buffalobur	4	2	6	4	4
burcucumber	-	-	4	4	4
cocklebur, common	6	8	8	10	10

hemp dogbane	-	-	-	-	8
hemp sesbania	-	-	4	4	4
jimsonweed	4	4	6	6	6
kochia	-	2	-	4-8	8
ladysthumb	4	4	6	6	6
lambquarters, common	-	6	-	8	8
lettuce, prickly	-	-	-	4	6
mallow, Venice	-	-	8	4	8
morningglory, ivyleaf	3	3	6	6-8	8
morningglory, pitted	3	3	6	6-8	8
morningglory, tall	3	3	6	6-8	8
mustard, wild	-	-	4	4	4
nightshade, black	6	6	6	6	6
nightshade, E. black	6	6	6	6	6
pigweed, redroot	-	-	4	2	2
pigweed, spiny	-	-	4	2	2
puncturevine	-	-	-	6 inch vine	12 inch vine
purslane, common	-	-	-	4-8	8
ragweed, common	6	4	8	6	8
ragweed, giant	6	4	6	6	6
smartweed, Pennsylvania	4	4	6	6	6
sunflower	4	6	6	8	8
velvetleaf	4	3	6	5	8
waterhemp, tall	-	-	4	2	2

Weeds Suppressed

Weed species	14 fl oz / Acre		21 to 27.4 fl oz / Acre		27.4 fl oz / Acre
	Max. Leaf Stage ¹	Max. Weed Height (inches)	Max. Leaf Stage ¹	Max. Weed Height (inches)	Max. Weed Height (inches)
bindweed, field	-	-	-	6 inch vines	12 inch vines
devilsclaw	-	-	6	4-6	6
horseweed (marestail)	-	-	-	4-8	8
mallow, common	-	-	8	4	8
marshelder	6	4	6	6	6
thistle, Russian	-	-	4	2	2

¹When determining leaf stage, count all leaves except cotyledons.

²Do not apply more than 0.5 lb ai of bromoxynil/A per use season (27.4 fl. oz of Starane NXT herbicide). Do not cumulatively apply more than 0.25 lb ai/A of fluroxypyr per use season.

Restrictions and Precautions: Corn (Field)

- Starane NXT does not control grasses. Therefore, it is recommended that a suitable grass control program be used to provide any required grass control.
- Addition of a spray additive or mixture with liquid fertilizers may cause excessive crop leaf burn.
- Seed corn producers should consult the respective seed corn company regarding tolerance of certain seed production inbred lines to Starane NXT

- Do not apply Starane NXT postemergence to seed corn inbreds prior to the 3-leaf stage of crop growth as excessive crop leaf burn may occur.
- Do not cut crop for feed, fodder or graze within 45 days of application. Do not plant labeled rotational crops within 30 days following application.
- Do not plant non-labeled rotational crops within 120 days following application.
- Tank mixtures with Accent/nonionic surfactant or Beacon/nonionic surfactant may result in increased initial crop leaf burn. Use of crop oil concentrate, nitrogen fertilizer solution or other adjuvants in tank mixtures of Starane NXT + Accent or Starane NXT + Beacon may result in a further increase in crop leaf burn.
- Special care should be taken when using Starane NXT and Banvel, Clarity, or 2,4-D tank mixtures to avoid off target drift to sensitive crops.
- Tank mixtures with 2,4-D, Banvel, or Clarity can cause stalk brittleness to field corn. Winds or cultivation may cause breakage while crop is brittle.
- Follow all restrictions and precautions on the label of all products used in tank mixture with Starane NXT.

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