

PM 02

100-711

6-26-97

Novartis Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300
Tel 910 632 6000

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June 23, 1997

Mr. Eugene Wilson
Team 23
Registration Division (H7505C)
Office of Pesticide Programs
U.S. Environmental Protection Agency
401 M. Street, S.W.
Washington, D.C. 20460

Dear Mr. Wilson:

**SUBJECT: METOLACHLOR ON GRASSES GROWN FOR SEED
IN IDAHO, OREGON, AND WASHINGTON
SUBMISSION OF REVISED SUPPLEMENTAL LABELING
DUAL® SE HERBICIDE - EPA REG. NO. 100-597
DUAL HERBICIDE - EPA REG. NO. 100-673
DUAL II® HERBICIDE - EPA REG. NO. 100-711**

As you requested in our meeting of May 30, enclosed are five copies of revised supplemental labeling for the subject highlighted product which reflect the company name change from Ciba Crop Protection to Novartis Crop Protection, Inc. These are the labels which should be accepted upon publication of the tolerance setting notice in the *Federal Register*. As the petition requesting the tolerances was submitted by IR-4, Mr. Hoyt Jamerson should contact you when the tolerance is established.

Sincerely,

A handwritten signature in cursive script that reads 'Karen S. Stumpf'.

Karen S. Stumpf
Senior Regulatory Manager
Regulatory Affairs

Enclosures

SUPPLEMENTAL LABELING
Dual® II HERBICIDE

EPA REG. NO. 100-711

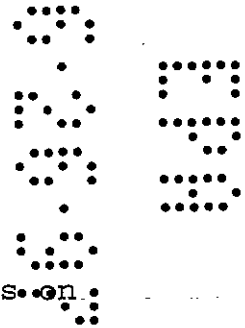
Grasses Grown for Seed

Active Ingredient:

Metolachlor: 2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl) acetamide 84.4%

Inert Ingredients: 15.6%

Total: 100.0%



KEEP OUT OF REACH OF CHILDREN.

CAUTION

All applicable directions, restrictions, and precautions on the EPA-registered Dual II label are to be followed.

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

DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY AND/OR ILLEGAL RESIDUES.

Grasses Grown for Seed (ID, OR, WA)

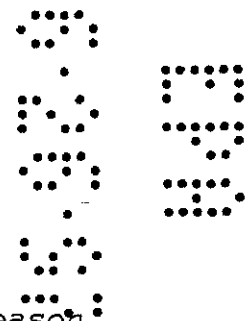
To control weeds and volunteer grasses in established grasses grown for seed, apply Dual II to established stands of tall fescue, orchardgrass, perennial ryegrass, fine fescue, bentgrass, and Kentucky bluegrass just before, during, or immediately following the first fall rains or just before or during a late summer or early fall irrigation, but before target grasses emerge. The seed crop must have had one seed harvest or been established at least one year. The postharvest residue (straw) should be evenly spread, removed, or burned before applying Dual II. Rainfall or irrigation is required after application and before weed emergence for best control. Dual II will provide preemergence control/suppression of volunteer seedlings of perennial ryegrass, fine fescue spp., tall fescue, orchardgrass, bentgrass and Kentucky bluegrass. Dual II will control those weed species listed in the **Dual**

II Alone section of the Dual II label and will suppress or control rattail fescue, annual bluegrass, Italian ryegrass, California brome, downy brome, and roughstalk bluegrass.

Apply Dual II by ground equipment in a minimum of 10 gals. of water/A using the rate listed below according to grass species.

Established Grass Crop Grown for Seed

	Pts./A
fine fescue spp.	1.5
perennial ryegrass	1.5
bentgrass	1.5-2.0
Kentucky bluegrass	1.5-2.0
orchardgrass	1.5-2.0
tall fescue	1.5-2.0



Precautions: (1) Apply Dual II only once during the season. (2) Do not apply after the 15th of November or poor control may result. (3) Do not apply in tank mixtures with postemergence herbicides. (4) Application to perennial ryegrass and fine fescue stands under stress may cause crop injury. (5) If weed escapes occur following a Dual II application, an application of a registered postemergence herbicide may be necessary to control escapes. When making such an application, follow all directions, precautions, and limitations on the label of the postemergence herbicide. (6) Control may be decreased if excessive straw from the previous harvest is present at application and/or insufficient rainfall/irrigation occurs.

Note: To avoid possible illegal residues, do not graze for 60 days in areas west of the Cascades. In areas east of the Cascades, do not graze for 150 days following application. Hay may be cut anytime between seed harvest and the next application of metolachlor.

Dual II® trademark of Novartis for metolachlor

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Novartis Crop Protection, Inc.
Greensboro, North Carolina 27419

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