



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB 16 1994

William M. Mahlborg
Agent for: PLATTE CHEMICAL CO., INC.
P. O. Box 567
Greeley, CO 80632

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 10/19/93 in Response to PR Notice 93-7
EPA Reg. No. 34704-101
CLEAN CROP BENEFIN 2.5 G

Dear Registrant:

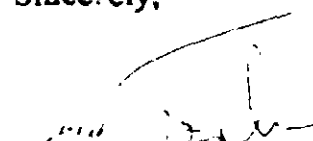
The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

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James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



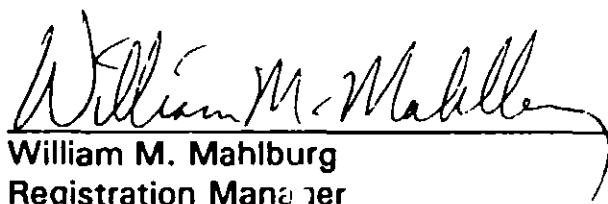
Recycled/Recyclable
Printed with Soy/Canola Ink
contains at least 50% recycled paper

CERTIFICATION FOR DEVIATION

I certify that the revised labeling being submitted for this product is in complete accordance with the labeling requirements of PR Notice 93-7, which reflects the requirements of EPA's labeling regulations for worker protection statements (40 CFR part 156, subpart K), except where noted. I have, in one or more places in the revised labeling, proposed changes that deviate from the exact language or location specified in the PR Notice. I have identified all such statements by highlighting them in a way that distinguishes them from any other label revisions. I have attached an explanation for each proposed deviation. I have proposed no changes to this labeling other than those required to comply with 40 CFR part 156, subpart K. I understand that EPA cannot guarantee to render its decision on revised labeling not in complete conformance with PR Notice 93-7 by April 21, 1994. I understand that it would be a violation of FIFRA if I or my supplemental registrants were to sell or distribute this product after April 21, 1994, without amended labeling complying with the requirements of 40 CFR part 156, subpart K.

THE DEVIATION TO THIS LABEL IS THE ADDITION OF PRE-APPROVED EXCLUSIONARY STATEMENTS TO REMOVE PRODUCT FROM THE SCOPE OF WPS.

NAME:


William M. Mahlborg
Registration Manager

COMPANY: Platte Chemical Co.

DATE: October 19, 1993

PRODUCT: Clean Crop® Balan® 2.5G

EPA REG. NO. 34704-101



BALAN 2.5G

ACCEPTED
with COMMENTS
In EPA Letter Dated
10/10/10

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
37704-101

A selective pre-emergence herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established:

Bluegrass (perennial)
Ryegrass (perennial)
Fescue
St. Augustinegrass

Bahiagrass
Bermudagrass
Centipedegrass
Zoysiagrass

ACTIVE INGREDIENT:

N-butyl-N-ethyl-s,s,a-trifluoro-2,
6-dinitro-p-toluidine2.5%
INERT INGREDIENTS97.5%

TOTAL 100.0%

Contains 1 pound active ingredient per 40 pound bag

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

EPA REG. NO. 34704-101

EPA EST. NO. 5905-IA-1

NET WEIGHT 40 LBS. (18.14 KG)

3782

• Balan is a Registered T.M. of Elenco

09P93
W/Settings

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Human: Keep out of reach of children. Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes or clothing. In case of contact, flush with water.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Store in safe manner. Store in original container only.

COMMERCIAL USE

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

HOUSEHOLD USE

Do not reuse bag. Discard bag in trash. Securely wrap original container in several layers of newspaper and discard in trash.

PRECAUTIONS

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. Apply BALAN 2.5G to the turf prior to the germination of weed grasses since BALAN will not control established weeds. BALAN 2.5G may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above 60 pounds per acre (1.5 pounds active ingredient) BALAN 2.5G should not be applied in the spring to turfgrass planted the previous fall. In bermudagrass areas that have been overseeded with winter grasses, a spring application of BALAN 2.5G may thin the over-seeded grasses. Because of varying cultural practices, BALAN 2.5G should not be used on putting greens. BALAN 2.5G should not be used on dichondra. BALAN 2.5G should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

APPLICATION DIRECTIONS

Rates, Frequency and Timing of Application
Successful preemergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply BALAN 2.5G approximately one to two weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon after application.

Any cultural practices that disturb the soil, such as aeration or verticutting, should be done prior to application of BALAN 2.5G.

1. Spring germinating summer annual grasses—crabgrasses, foxtails and barnyardgrass.

A. Northern (cool season) turfgrasses

For preemergence control, apply 60 to 80 pounds per acre (1.5 to 2 pounds active ingredient) of BALAN 2.5G per acre in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

B. Southern (warm season) turfgrasses

For preemergence control, apply 80 to 120 pounds (2 to 3 pounds active ingredient) of BALAN 2.5G per acre in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

In areas of the United States where germination of these annual weed grass species continues for extended periods of time, a second application of BALAN 2.5G at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

2. Late spring, early summer germinating annual grasses—goosegrass. Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabgrasses, foxtails and other summer annual grass species. Applications of BALAN 2.5G should, therefore, be timed accordingly.

A. Northern (cool season) turfgrasses

For preemergence control, apply 80 pounds (2 pounds active ingredient) of BALAN 2.5G per acre in the late spring or early summer one to two weeks prior to the expected germination of goosegrass.

When BALAN 2.5G is applied as directed, the following established turfgrasses are tolerant:

Kentucky bluegrass	Zoysiagrass
Perennial ryegrass	Bermudagrass
Centipedegrass	St. Augustinegrass
Fescue	Bahiagrass

BALAN 2.5G will not harm most nearby established ornamental trees and shrubs.

B. Southern (warm season) turf grasses

For preemergence control, apply 80 to 120 pounds (2 to 3 pounds active ingredient) of BALAN 2.5G per acre in the late spring or

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BALAN 2.5G

EPA REG. NO. 34704-101

early summer one to two weeks prior to the expected germination of goosegrass.

3. Northern and southern turfgrasses

In areas of the United States where preemergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass) and the later germinating goosegrass is desired, two applications of BALAN 2.5G at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

4. *Poa annua* (annual bluegrass)

In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turfgrass and newly planted seeding turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

A. Northern (cool season) turfgrasses

For preemergence control, apply 80 pounds (2 pounds active ingredient) of BALAN 2.5G per acre in late summer or early fall and again in late winter or early spring one to two weeks prior to the expected germination of annual bluegrass.

B. Southern (warm season) turfgrass

For preemergence control, apply 120 pounds (3 pounds active ingredient) BALAN 2.5G per acre in the late summer or early fall one to two weeks prior to the expected germination of annual bluegrass. In the southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of BALAN 2.5G at 120 pounds per acre can be made 10 to 12 weeks after the initial treatment.

For application to smaller areas, apply the following amount of BALAN 2.5G:

BALAN 2.5G Per Acre	BALAN 2.5G Per 1,100 Sq. Ft.
60 pounds	1 1/2 pounds
80 pounds	2 pounds
120 pound	3 pounds

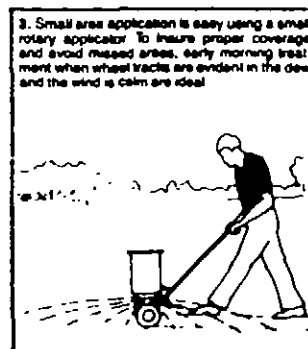
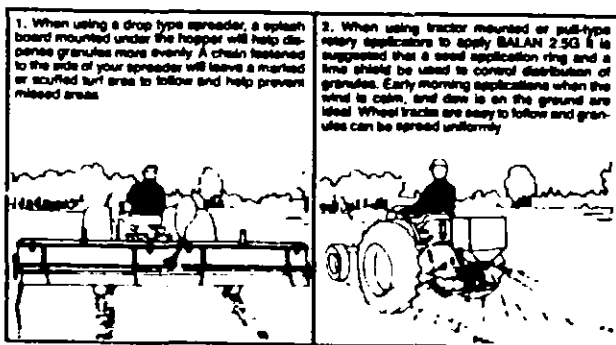
RESEEDING

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying BALAN 2.5G. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using BALAN 2.5G, the amount of seed used should be increased and equipment designed to place seed in contact with the soil (such as Rogers Aero Seeder) should be employed. When using BALAN 2.5G at the highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

APPLICATION EQUIPMENT

Apply BALAN 2.5G evenly over the turfgrass area without skips or misses. A more uniform application can be made by spreading half the required amount over the area and then applying the remaining half at right angles. Both drop type and rotary type spreaders may be used. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. For best results use equipment designed to apply granular herbicides and insecticides. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

HELPFUL APPLICATION TECHNIQUES FOR APPLYING BALAN 2.5G



Listed below are approximate spreader settings. These should serve only as initial starting points for calibration since all spreaders will vary in their operation depending on the age, condition, particular model and speed of operation. Always calibrate your own spreader according to the manufacturer's recommendations.

APPROXIMATE SPREADER SETTINGS AS A GUIDE FOR CALIBRATION

(for applying BALAN 2.5G in one pass over the turf)

SPREADER TYPE	TO APPLY POUNDS PER ACRE		
	60 LBS.	80 LBS.	120 LBS.
GANDY:			
Model 10A series, 6, 8, 10, 11, 12, 20 and 30 ft. (based on tractor speed of 5 MPH)	24	27.5	33.5
Model 10T series, 6, 8, 10, 11, 12, 20 and 30 ft. (based on tractor speed of 5 MPH)	22	23.5	27.5
Turf Tender, 24, 30, 42 inch (based on tractor speed of 3 MPH)	23	25	27
600 Series, 3, 4, and 5 ft. (based on tractor speed of 3 MPH)	15	17	20.5
SCOTT:			
Rotary Model R-8	G	G 1/2	H
Drop Spreaders	3 3/4	3 3/4	4 1/4
CYCLONE:			
Models 81, 93, 99, 100 and BSSB at 200 ft./min.	2 1/2	2 1/2-2 3/4	3
Model 100 at 200 ft./min.	2 1/2	2 3/4	3 1/4
Model 83 (based on tractor speed of 4 MPH)	4 1/2	5 1/4	7
Model 99 (based on tractor speed of 4 MPH)	4-4 1/4	5	6 1/2
Model BP1 (based on tractor speed of 4 MPH)	3 3/4	4 1/2	5 1/4-6
SPYKER:			
Spyker	2.9	3.0	3.2-3.3
LELY:			
Model W and H (based on tractor speed of 4.5 MPH)	2.5	3	4
VICON:			
Model 402 (with seed ring) 20' swath width, 5 MPH speed	18	20	26

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. TURF INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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FORMULATED FOR
PLATTE CHEMICAL CO.
 150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697