

July 31, 1991 Sandoz Crop Protection Corporation
Changes to Banvel Herbicide Directions for Use (EPA Registration No. 55947-1)

Direction For Use

Page 1 Added turf and grain seed crops to use sites in title. These use sites have been in the contents previously, just never listed in title.

Table of Contents

Page 2 Added "Directions for Use" section and rearranged information under a new subheading "General Information".

Popcorn, an already approved use, has been added to corn section.
Subheading only for "Rates and Timings" has been added also.

Expanded description of small grains to show wheat, barley, and oats.

Page 3 Added non-irrigation ditchbanks, an already approved use, under Pasture, Rangeland, and Non-Cropland sections.

Included Precautionary Statements, Storage and Disposal, and Warranty information from the container label.

Mixing and Application

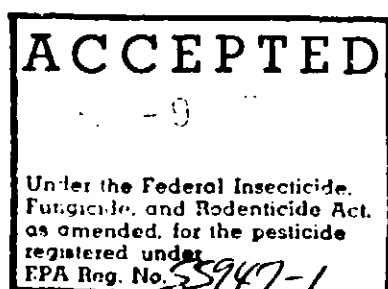
Page 4 Decreased minimum amount of diluted spray applied from 5 to 3 for ground application and from 3 to 1 for aerial application. This change was already accepted October 1, 1990.

General Weed List

Page 9 Added Lance-Leaved Ragweed.

Field, Seed, Popcorn and Silage

Page 11 Added caution on popcorn varietal sensitivity.



- 12 Expanded description of adjuvant use with Banvel.
Reworded harvest and grazing restriction. Meaning remains the same.
"non-ionic" deleted from surfactant definitions.
"petroleum and crop oils" changed to "petroleum based oils".
- 13 Added opportunity to include 1/2 pint use rate on medium soils with less than 2% organic matter.
Changed corn stages to height in inches rather than leaf stage.
Added more definite cutoff time between Early Post and Last Postemergence applications.
Added suggested best performance to treat weeds when less than 3 inches tall.
- 14 Reversed order of common and trade names in the table to emphasize common names and to be consistent with other parts of the label. Also added Bullet and Lariat to the list and dropped Bexton.

Tankmix Treatments

- Page 15 Added Accent and Beacon tank mixes.
Corrected atrazine use rate to maximum of 3 and limited to 12 inch height.
Dropped Bladex 80 WP.
Reworded Dual, Gramoxene and Prowl tank mixes.
Added crop oil concentrate use with Banvel + atrazine tank mix if corn is no greater than 5 inches tall.
Changed upper limit of Banvel + Beacon use from 20 inch to 24 inch. This is due to recent changes in the Beacon label.
- 16 Clarified Banvel + 2,4-D use directions.

Sorghum (milo)

- Page 17 Changed initial application stage from 3 to 2 leaf sorghum.
Dropped "grain" from sorghum.
Added reference for sorghum grain for pasture v. hay.
- 18 Added 12 inch atrazine restriction.
Added Banvel + Buctril tank mix.

Small Grains (Wheat, Barley, and Oats)

- Page 19 Adjusted surfactant use statements.

- 20 Added precaution for sulfonyleurea resistant weeds.
Moved small grain for pasture reference.
Emphasized use of Banvel in tankmix versus use alone.
Added weed species which are currently on the Banvel SGF label.
Added sulfonyleurea resistant kochia.
- 21 Moved Banvel alone rates from the specific crop sections to "Rates and Timing", leaving focus on tank-mix as best option for use of Banvel in small grains.
Combined tankmix uses for Fall and Spring seeded wheat into one table.
- 22-28 Adjusted tankmixes and removed rates/formulations from all but 2,4-D and MCPA and added amine or ester forms.
- 22 Increased upper limit of spring barley stage from 3 to 4 leaf.

Pasture, Rangeland, and Non-Cropland

- Page 28 Added (already EPA approved) application to non-irrigation ditchbanks.
Added forage sorghum and sudangrass to small grains grown for pasture.
- 29 Based on input from tree experts, the method of preparation of oil/water
32 & 34 emulsion was corrected.
- 31 Added norflurazon to non-cropland.
Moved diuron, atrazine, and simazine from pasture rangeland to non-cropland only and reduced maximum rates of use.
Deleted 2,4-5T.
Added Ally to pasture use.
Dormant Application on Multifloral Rose use directions was rewritten to improve clarity and reduce redundancy.

Conservation Reserve Program

- Page 33 Added sudangrass and limited max rate to 1 pint in newly seeded areas.
Rewrote this section for improved clarity and reduced redundancy.

Asparagus

- Page 38 Added multiple applications per season with same preharvest interval and same maximum total Banvel applied. This change has already been

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approved.

Added tankmix with Roundup.

Clarified application and irrigation statement in the last paragraph of the Grass Seed Crops section.

Between Cropping Applications

Page 44 Added Tordon tankmix.

Page 45 Clarified that application to planting interval is for wheat.

Registered Trademarks

Page 46 Numerous changes due to product deletions, additions, and company mergers.

24C Special Local Need Labeling

If adjustments in the full federal label are approved, many of these state 24 C labels would not be needed.

7/31/91