

10721

BANVEL II

SPECIMEN LABEL

Active Ingredients:

Sodium salt of dicamba	
(3,6-dichloro-o-anisic acid)*	23.15%
Sodium salts of related acids	5.79%
Inert Ingredients:	71.06%
TOTAL	100.00%

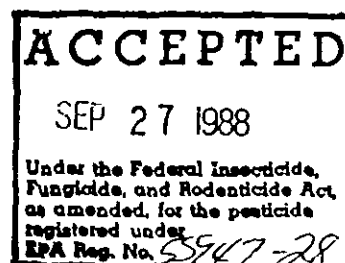
* This product contains 21.06% 3,6-dichloro-o-anisic acid (dicamba) or 2 pounds per gallon.

EPA Reg. No. 55947-28
EPA Est. No. 55947-TX-1

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS
WARNING



Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid breathing spray mist. Wash thoroughly after handling. In case of contact, wash skin with soap and water; for eyes, flush with water for 15 minutes and get medical attention.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as directed on label.

DIRECTIONS FOR USE

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

For additional copies of the Specimen Label, write to the manufacturer.

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**BEFORE USING BANVEL II
READ AND FOLLOW THE PRECAUTIONS**

IMPORTANT

The following directions apply to all uses of BANVEL II. Additional precautions and restrictions will be found in each specific use section.

Do not contaminate irrigation ditches or water used for domestic purposes.

SENSITIVE CROP PRECAUTIONS: BANVEL II may cause injury to desirable trees and plants, particularly beans, cotton, flowers, fruit trees, grapes, ornamentals, peas, potatoes, soybeans, sunflowers, tobacco, tomatoes and other broadleaf plants when contacting their roots, stems or foliage. These plants are most sensitive to BANVEL II during their development or growing stage. FOLLOW THE PRECAUTIONS LISTED BELOW WHEN USING BANVEL II.

- . Do not treat areas where either possible downward movement into the soil or surface washing may cause contact of BANVEL II with the roots of desirable plants such as trees and shrubs.
- . Avoid making applications when spray particles may be carried by air currents to areas where sensitive crops and plants are growing. Do not spray near sensitive plants if wind is gusty or in excess of 5 mpg and moving in the direction of nearby sensitive crops. However, always make applications when there is some air movement to determine the direction and distance of possible spray drift. Leave an adequate buffer zone between area to be treated and sensitive plants. Coarse sprays are less likely to drift out of the target area than fine sprays. Agriculturally approved drift-reducing additives may be used.
- . Do not apply BANVEL II in the vicinity of sensitive crops when the temperature on the day of application is expected to exceed 85° F as drift is more likely to occur.
- . Do not use aerial equipment to apply BANVEL II when sensitive crops and plants are growing in the vicinity of area to be treated.
- . To avoid injury to desirable plants, equipment used to apply BANVEL II should be thoroughly cleaned (see PROCEDURE FOR CLEANING SPRAY EQUIPMENT on page 2) before reusing to apply any other chemicals.

All crop uses of BANVEL II are intended for a normal growing interval between planting and harvest. No crop rotation restrictions exist if normal harvest of treated crop has occurred. If this interval is shortened, such as in cover crops that will be plowed under, do not follow up with the planting of a sensitive crop.

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Crops growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects, can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations. Tank mix recommendations are for use only in states where the tank mix product and application site are registered.

Do not apply this product through any type of irrigation system.

PROCEDURE FOR CLEANING SPRAY EQUIPMENT

The steps listed below are suggested for thorough cleaning of spray equipment following applications of BANVEL II or tank mixes of BANVEL II or tank mixes of BANVEL II plus 2,4-D amine.

- 1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.
- 2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
- 3) Flush the solution out of the spray tank through the boom.
- 4) Remove the nozzles and screens and flush the system with two full tanks of water.

The steps listed below are suggested for thorough cleaning of spray equipment used to apply BANVEL II as a tank mix with wettable powders (WP) emulsifiable concentrates (EC), or other types of water-dispersible formulations. BANVEL II tank mixes with water-dispersible formulations require the use of a water/detergent rinse.

- 5) Complete step 1.
- 6) Fill tank with water while adding 2 lbs. of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the sprayer system for 5 to 10 minutes and discharge a small amount of the solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
- 7) Flush the detergent solution out of the spray tank through the boom.

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8) Repeat step 1, and follow with steps 2, 3, and 4.

MIXING AND APPLICATION

UNLESS OTHERWISE SPECIFIED UNDER THE INDIVIDUAL USE HEADINGS OF THIS BOOKLET, THE FOLLOWING DIRECTIONS APPLY TO ALL CROP AND NON-CROP USES OF BANVEL II. REFER TO INDIVIDUAL USE SECTIONS FOR ADDITIONAL PRECAUTIONS, RESTRICTIONS, APPLICATION RATES AND TIMINGS.

BANVEL II is a water-soluble formulation that can be applied using water or sprayable fluid fertilizer as the carrier. If a fluid fertilizer is to be used, a compatibility test (see COMPATIBILITY TEST on page 3) should be made prior to tank mixing.

Ground or aerial application equipment which will give good spray coverage of weed foliage should be used. HOWEVER, DO NOT USE AERIAL APPLICATION EQUIPMENT IF SENSITIVE CROPS ARE GROWING IN THE VICINITY OF THE AREA TO BE TREATED.

Apply 5 to 50 gallons of diluted spray per treated acre when using ground application equipment, or 3 to 10 gallons of diluted spray per treated acre when using aerial application equipment. Use the higher level of the listed spray volumes when treating dense or tall vegetation. Use coarse sprays.

Select nozzles designed to produce minimal amounts of fine spray particles. Spray with nozzles as close to the weeds as is practical for good weed coverage.

Avoid disturbing (e.g. cultivating or mowing) treated areas for at least 7 days following application.

BAND TREATMENTS

BANVEL II may be applied as a band treatment. Use the formulas below to determine the appropriate rate and volume per treated acre.

$$\begin{array}{l} \text{Band width} \\ \text{in inches} \\ \hline \text{Row width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{RATE} \\ \text{per treated acre} \end{array} = \begin{array}{l} \text{Band RATE} \\ \text{per treated acre} \end{array}$$

$$\begin{array}{l} \text{Band width} \\ \text{in inches} \\ \hline \text{Row width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{VOLUME} \\ \text{per treated acre} \end{array} = \begin{array}{l} \text{Band VOLUME} \\ \text{per treated acre} \end{array}$$

COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportionate quantities (see following table).

Amount of Herbicide to Add to One Pint
of Spray Carrier
(Assuming Volume is 25 Gallons per Acre)

HERBICIDE FORMULATIONS	RATE PER ACRE	LEVEL TEASPOONS
Dry	1 lb.	1 1/2
Liquid	1 pt.	1/2

If herbicide(s) do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested spray mix is compatible. Usually, incompatibility in any of the above described forms will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of fluid fertilizer).

SMALL GRAINS (NOT UNDERSEED TO LEGUMES)

IMPORTANT

Observe all precautions on pages 1-3. Read and follow cleaning, mixing and application instructions on pages 3-4.

If small grains are grown for pasture only, refer to the Banvel Herbicide Label under the PASTURE, RANGELAND and NON-CROPLAND section.

Do not graze or harvest for livestock feed prior to crop maturity.

WEEDS CONTROLLED

BANVEL II, when applied at recommended rates, will control ANNUAL broadleaf weeds commonly found in small grains, such as:

Buckwheat, Wild	Pigweed, Redroot
Chamomile, Corn	(Carelessweed)
Cockle, Corn	Pigweed, Rough
Cockle, Cow	Pigweed, Tumble
Cocklebur, Common	Ragweed, Common
Henbit	Ragweed, Giant
Knotweed	(Buffaloweed)
Kochia	Smartweed, Green
Ladysthumb	Smartweed, Pennsylvania
Lambsquarters, Common	Sowthistle, Annual
Mallow, Common	Sunflower, Common
Nightshade, Black	(Wild)
Pennycress, Field	Sunflower, Volunteer
	Thistle, Russian
	Velvetleaf

BANVEL II and BANVEL II tank mixes will reduce competition from established PERENNIAL broadleaf weeds and control their seedlings.

THE SPECIAL USE TANK MIX FOR FALL SEEDED WHEAT ONLY allows a higher rate of 2,4-D to be used in combination with BANVEL II. This tank mix treatment may be used for improved performance of difficult-to-control weeds including:

*Fiddleneck (Tarweed)	Groswell
Garlic, Wild	*Onion, Wild

* Spring applications may not control weeds that develop in the fall. For fall applications, refer to the BETWEEN CROPPING APPLICATIONS section, pages 12-15.

RATES AND TIMINGS

Application of BANVEL II may be made before, during or after planting to emerged and actively growing weeds. See specific crop for timing restrictions. For best performance, make application when weeds are in the 2-3 leaf stage and rosettes are less than 2 inches across. Use the higher level of listed rate ranges when treating more mature weeds or dense vegetative growth. Surfactant should not be used when applying BANVEL II alone or in a tank mix on small grains except when tank mixing with chlorsulfuron (Glean), metsulfuron (Ally) or Finesse. ~~or any other registered sulfonylurea small grain herbicide~~ *J. F. Fickler*

FALL SEEDED WHEAT

BANVEL II MUST BE APPLIED TO FALL SEEDED WHEAT PRIOR TO THE JOINTING STAGE.

BROADCAST RATE PER TREATED ACRE:

1/2 pint (1/8 lb. a.i.)

TANK MIX TREATMENTS

For control of grasses or additional broadleaf weeds, BANVEL II may be tank mixed with the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 1/4-1/2 pint (1/16-1/8 lb. a.i.) BANVEL II with:

	product amount	lb. a.i.
2,4-D*	1/2-3/4 pint	1/4-3/8
MCPA	1/2-3/4 pint	1/4-3/8
bromoxynil (Buctril)	1-1 1/2 pint	1/3-3/8
bromoxynil + MCPA (Bronate)	1 pint	1/4+1/4
metsulfuron (Ally)***	1/10 wt.oz.	0.0038
metribuzin (Sencor 75DF** Lexone DF TM)	1/6-1/3 lb.	1/8-1/4
(Sencor 4**, Lexone 4L)	1/4-1/2 pint	1/8-1/4
(Lexone 50WP)	1/4-1/2 lb.	1/8-1/4
chlorsulfuron*** (Glean 75DF)	1/6-1.2wt.oz.	0.008-0.024
diuron (Karmex 80WP)	1/2-2 lbs.	2/5-1 3/5
Finesse ***	0.3-0.5 wt.oz.	-

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- * Based on 4 pounds per gallon formulations of MCPA and 2,4-D.
 - ** Application may be made after fall seeded wheat has started to grow and has a well established secondary root system or is beginning to tiller, but prior to the jointing stage.
 - *** When making tank mix applications with Glean, Ally, or Finesse surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 1/4-1/2% by volume. Use the higher rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth.

**SPECIAL USE TANK MIX FOR
FALL SEEDDED WHEAT ONLY**

BANVEL II	1/2 pint	1/8 lb. a.i.
plus	plus	plus
2,4-D amine	1 to 2 pints	1/2 to 1 lb. a.i.
or	or	or
2,4-D ester	1 to 1 1/2 pints	1/2 to 3/4 lb. a.i.

Note: Do not use unless possible crop injury will be acceptable.

SPRING SEEDDED WHEAT

BANVEL II MUST BE APPLIED BEFORE SPRING SEEDDED WHEAT EXCEEDS THE 5 LEAF STAGE.

BROADCAST RATE PER TREATED ACRE:

1/2 pint (1/8 lb. a.i.)

TANK MIX TREATMENTS

For control of additional broadleaf weeds, BANVEL II may be tank mixed with the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 1/8-1/4 pint (1/16-1/8 lb. a.i.) BANVEL II with:

Herbicide	product amount	lb. a.i.
2,4-D*	1/2-3/4 pint	1/4-3/8
MCPA	1/2-3/4 pint	1/4-3/8
bromoxynil		
(Brominal,	1/2-3/4 pint	1/4-3/8
Buctril)	1-1 1/2 pint	1/4-3/8
chlorsulfuron**		
(Glean 75 DF)	1/6-1/2 wt.oz	0.008-0.024.
Finesse **	0.3-0.5 wt.oz.	
metsulfuron (Ally)**	1/10 wt.oz.	0.0038

* Based on 4 pounds per gallon formulations of MCPA and 2,4-D.

** When making tank mix applications with Glean, Ally or Finesse, add a surfactant of at least 80% active ingredient at the rate of 1-2 quarts per 100 gallons of spray or not more than 1/4-1/2% by volume. Use the higher rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth.

FALL SEEDED BARLEY

BANVEL II MUST BE APPLIED TO FALL SEEDED BARLEY PRIOR TO THE JOINTING STAGE.

Note: For fall barley varieties that are seeded during the winter months or later, follow the rates and timings given for Spring Seeded Barley.

BROADCAST RATE PER TREATED ACRE:

1/2 pint (1/8 lb. a.i.)

TANK MIX TREATMENTS

For control of additional broadleaf weeds, BANVEL II may be tank mixed with the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 1/4-1/2 pint (1/16-1/8 lb. a.i.) BANVEL II with:

Herbicide	product amount	lb. a.i.
2,4-D*	1/2 pint	1/4
MCPA	1/2-3/4 pint	1/4-3/8
chlorsulfuron** (Glean 75DF)	1/6-1/2wt.oz.	0.008-0.024
metsulfuron (Ally)**	1/10wt.oz.	0.0038
metribuzin	.	.
Sencor 4	1/2-1 pint	1/4-1/2
Sencor 75DF	1/3-2/3 pound	1/4-1/2

* Based on 4 pounds per gallon formulations of MCPA and 2,4-D.

** When making tank mix applications with Glean or Ally, add a surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 1/4-1/2% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth.

SPRING SEEDED BARLEY

BANVEL II MUST BE APPLIED BEFORE SPRING SEEDED BARLEY EXCEEDS THE 3 LEAF STAGE.

BROADCAST RATE PER TREATED ACRE:

3/8 pint (3/32 lb. a.i.)

TANK MIX TREATMENTS

For control of additional broadleaf weeds, BANVEL II may be tank mixed with the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 1/4-3/8 pint (1/16-3/32 lb. a.i.) BANVEL II with:

Herbicide	amount product	lb. a.i.
MCPA*	1/2 pint	1/4
metribuzin		
Sencor 4	1/2 pint	1/4
Sencor 75DF	1/3 pound	1/4
chlorsulfuron**		
(Glean 75DF)	1/6-1/2wt.oz.	0.008-0.024
metalsulfuron (Ally)**	1/10wt.oz.	0.0038

* Based on 4 pounds per gallon formulations of MCPA.

** When making tank mix applications with Glean or Ally, add a surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 1/4-1/2% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth.

FALL AND SPRING SEEDED OATS

BANVEL II MUST BE APPLIED BEFORE SPRING SEEDED OATS EXCEED THE 5 LEAF STAGE. APPLICATIONS TO FALL SEEDED OATS MUST BE MADE PRIOR TO THE JOINTING STAGE.

BROADCAST RATE PER TREATED ACRE:

1/2 pint (1/8 lb. a.i.)

TANK MIX TREATMENTS

For control of additional broadleaf weeds, BANVEL II may be tank mixed with the following herbicides. Read and follow the label of each tank mix product used for precautionary statements, directions for use, weeds controlled and geographic and other restrictions.

BROADCAST RATE PER TREATED ACRE:

Apply 1/4-1/2 pint (1/16-1/8 lb. a.i.) BANVEL II with:

Herbicide	amount product	lb.a.i.
MCPA*	1/2-3/4 pint	1/4-3/8

* Based on 4 pounds per gallon formulations of MCPA.

BETWEEN CROPPING APPLICATIONS (BCA) FOR BROADLEAF WEED CONTROL

IMPORTANT

Observe all precautions on pages 1-3. Read and follow mixing and application instructions on pages 3-4.

WEEDS CONTROLLED

BANVEL II, when applied at the recommended rates, will control many ANNUAL and BIENNIAL broadleaf weeds. In addition, BANVEL II will control the following PERENNIAL broadleaf weeds:

*Alfalfa
Artichoke, Jerusalem
Bindweed, Field
Bindweed, Hedge
Blueweed, Texas

*Bursage
(Bur Ragweed)
(Povertyweed)
(Lakeweed)

*Dandelion, Common

*Dock, Curly

*Dogbane, Hemp
*Garlic, Wild**
Horsenettle, Carolina
Nightshade, Silverleaf
Redvine
Smartweed, Swamp
*Sowthistle, Perennial
Thistle, Canada**
Trumpet creeper
(Buckvine)

Noted (*) perennials may be controlled using BANVEL II at rates lower than those recommended for other listed perennial weeds. (See RATES AND TIMINGS, pages 12-14.)

**SPECIAL TANK MIX TREATMENTS, page 14, for specific control program.

RATES AND TIMINGS

Apply BANVEL II as a broadcast or spot treatment to emerged and actively growing weeds after crop harvest and before a killing frost. Agriculturally approved spray additives, such as surfactants or oils, may be used to enhance spray coverage and the herbicide's penetration of weed foliage. See ROTATIONAL

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CROPS for recommended interval between application and planting to prevent crop injury.

For best performance, make application when ANNUAL weeds are less than 6 inches tall, when BIENNIAL weeds are in the rosette stage, and to PERENNIAL weed regrowth in late summer or fall following a mowing or tillage treatment. Most effective control of upright perennial broadleaf weeds, such as Canada thistle and Jerusalem artichoke, occurs if application is made when the majority of weeds are 8 inches or taller. Viney perennial broadleaf weeds, such as field bindweed and hedge bindweed, are best controlled when weeds are in or beyond the full bloom stage.

Avoid disturbing treated areas for at least 7 days following application. Treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulblets, after the effective period for BANVEL II. For seedling control, a follow-up program or other cultural practices could be instituted (refer to pages 6-9, for small grain in-crop uses of BANVEL II).

Weed Stage & Type	BANVEL II per treated acre	
	product amount	lbs a.i.
Annual	1/2 pt.	1/4-1/2
Biennial	1 pt.	1/2-1
Perennial		
Perennial suppression	.2-4 pts.	1/2-1
Noted (*) perennials	4-8 pts.	1-2
Other perennials	8 pts.	2

Retreatments may be made as needed; however, do not exceed a total of 8 pints (2 lbs. a.i.) of BANVEL II per treated acre during any given fallow period.

TANK MIX TREATMENTS

BANVEL II may be tank mixed with one or more of the following herbicides for control of grasses or additional broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled and geographic or other restrictions.

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Herbicide	Rate per treated acre (lbs. a.i.)
ANNUAL WEED CONTROL	
atrazine	1/2 to 3
chlorsulfuron*(Glean)	0.016 to 0.024 (1/3-1/2 wt.oz.product)
cyanazine (Bladex)	1 2/5 to 3 1/5
glyphosate (Roundup)	1/4 to 1/2
metribuzin (Sencor, Lexone)	1/3 to 3/4
paraquat	1/2 to 1
2,4-D	1/4 to 1/2
PERENNIAL WEED CONTROL	
glyphosate	1 to 2
2,4-D	1 to 2

* When making tank mix applications with Glean, add a surfactant of at least 80% active ingredient at the rate of 1-2 quarts/100 gallons of spray or not more than 1/4-1/2% by volume. Use the highest rate of surfactant when using the lower rate ranges of the tank mix and/or when treating more mature weeds or dense vegetative growth.

SPECIAL TANK MIX TREATMENTS

For suppression of perennial weeds, apply 0.25-0.50 lb. a.i. BANVEL II with 0.25-0.50 lb. a.i. Roundup herbicide per treated acre.

For wild garlic control, apply 2 pints (1/2 lb. a.i.) BANVEL II with 1 1/2 lbs. acid equivalent 2,4-D low volatile ester per treated acre. Apply when wild garlic is 4 to 8 inches tall.

For Canada thistle control, use BANVEL II or BANVEL II plus Roundup Herbicide tank mix treatments.

Application may be made during fallow periods for control of volunteer barley, bulbous bluegrass, downy brome, jointed goatgrass, common rye and volunteer wheat when they are actively growing. Use 2 pints BANVEL II with 1/2-3/4 lb. Kerb 50W (0.25-0.38 lb. a.i.). Fall seeded wheat may be planted 9 months or more after application. For best performance, make application between mid-October and mid-December, prior to soil freeze up.

During fallow periods, apply BANVEL II plus Landmaster II Herbicide to give improved control of kochia, wild buckwheat, prickly lettuce, field bindweed and Canada thistle. Use 4-8 fluid ounces of Landmaster II Herbicide for annual weed control or 8-16 fluid ounces of BANVEL II plus 40-54 fluid ounces of Landmaster II Herbicide for perennial weed suppression.

ROTATIONAL CROPS

The following recommendations are based on BANVEL II use rates up to 8 pints (2 lbs. a.i.) per treated acre.

CORN and SORGHUM may be planted in the spring following applications made during the previous year.

SOYBEANS may be planted in the spring following applications made during the previous year. If less than 1 inch of rainfall occurs between application and first killing frost, treated areas should be cultivated to allow herbicide to come in contact with moist soil. Cultivation may take place before or immediately after ground thaw.

Soybean injury may occur if the interval between application and planting is less than specified. In areas with greater than 30 inches of rainfall, delay planting for 30 days per quart of BANVEL II per treated acre. In areas with less than 30 inches of rainfall, delay planting for 45 days per quart of BANVEL II per treated acre. Exclude days when ground is frozen.

WHEAT may be planted in the fall or spring following applications. Also, spot applications may be made any time prior to crop emergence if crop injury can be tolerated in treated areas. Wheat injury may occur if the interval between application and planting is less than specified.

East of the Mississippi River, the interval is 20 days per quart of BANVEL II per treated acre. Exclude days when ground is frozen.

West of the Mississippi River, the interval is 45 days per quart of BANVEL II per treated acre. Exclude days when ground is frozen.

Following a normal harvest of corn, sorghum, soybeans, or wheat, any rotational crop may be planted. If the interval before harvest is shortened, such as when cover crops will be plowed under, do not follow up with the planting of a sensitive crop.

CONTROL OF PERENNIAL BROADLEAF WEEDS IN CROPLAND (SPOT APPLICATION ONLY)

For Use Only in the States of Idaho,
Montana, Nevada, Oregon, Utah,
and Washington.

IMPORTANT

Observe all precautions on pages 1-3. Read and follow mixing and application instructions on pages 3-4.

Do not treat subirrigated cropland or areas where the soil remains saturated with water throughout the year.

Make only one application of BANVEL II per year.

WEEDS CONTROLLED

BANVEL II. when applied at recommended rates, will control many broadleaf weeds including:

Bindweed, Field
Dock, Broadleaf
(Bitterdock)
Dock, Curly
Knapweed, Black

Knapweed, Russian
Ragwort, Tansy
Spurge, Leafy
Thistle, Canada

RATES AND TIMINGS

BANVEL II may be applied at any time following a crop harvest to stubble fallow or other cropland. Application should be made when weeds are actively growing and prior to a killing frost.

Apply 8 to 12 quarts (4-6 lbs. a.i.) of BANVEL II per treated acre. Application may be made up to one month prior to the planting of wheat.

Note: Do not use unless injury to wheat or rotated barley will be acceptable.

Barley, oats, corn, sorghum (milo), annual or perennial grass crops may be planted into treated areas one year after application. Crops grown for seed (other than perennial grass seed) should not be planted into treated areas until three years after application. Do not plant broadleaf crops such as alfalfa, beans, peas, potatoes, or sugarbeets into treated areas until two years after application.

In most cases, treatments will not kill perennial weed seedlings which germinate from seed one or two years after treatment. Once the effect of the chemical has been lost, a follow-up program for seedling control or other cultural practices should be instituted.

WIPER APPLICATION USES

IMPORTANT

Observe all precautions on pages 1-3.

BANVEL II may be applied through wiper application equipment to control or suppress actively growing broadleaf weeds, brush and vines. Use a solution containing 2 parts BANVEL II to 1 part water. Do not contact desirable vegetation with herbicide solution. Wiper application should only be made to crops and non-cropland areas described in this label.

GRASS SEED CROPS

Perennial Grasses such as Bermuda grass,
Blue Grass, Lawntype Fescue and Ryegrass

IMPORTANT

Observe all precautions on pages 1-2. Read and follow mixing and application instructions on pages 3-4. Refer to the PASTURE RANGELAND, AND NON-CROPLAND IMPORTANT section (pages 10-11) for possible grazing and feeding restrictions.

RATES AND TIMINGS

Apply 1/2 to 2 pints (1/4-1 lb. a.i.) of BANVEL II in 5 to 40 gallons of diluted spray per treated acre after weeds have emerged and are actively growing for control of broadleaf weeds such as:

Alfalfa	Cockle, White
*Bindweed, Field	Dock, Curly
Catchfly,	*Knapweed, Russian
Nightflowering	Knotweed
Chamomile, Corn	Sorrel, Red
Chickweed, Common	(Sheet Sorrel)
Chickweed,	*Starwort, Little
Mouseear	*Thistle, Canada
Clover	

*Top growth control only.

Use 1/2 to 1 pint (1/4-1/2 lb. a.i.) of BANVEL II per treated acre on SEEDLING GRASS after the crop reaches the 3-5 leaf stage. Up to 2 pints (1 lb. a.i.) of BANVEL II per treated acre may be used on well-established PERENNIAL grass. DO NOT APPLY AFTER THE GRASS SEED CROP BEGINS TO JOINT.

For control of ANNUAL GRASS WEEDS such as:

Brome, Downy (Cheatgrass)
Brome, Ripgut
Fescue, Rattail

Apply 2 to 4 quarts (2-4 lbs. a.i.) of BANVEL II per treated acre in the fall or late summer after harvest and burning of established grass seed crops. Applications should be made within 3-14 days following first irrigation and before weeds have more than 2 leaves.

ASPARAGUS

For Use Only in the States of California,
Oregon and Washington

IMPORTANT

Observe all precautions on pages 1-2. Read and follow mixing and application instructions on pages 3-4.

If spray contacts emerged spears, crooking (twisting) of some spears may result. If such crooking occurs, discard affected spears.

Do not harvest prior to 24 hours after treatment.

Make only one application per season.

RATES AND TIMINGS

Apply BANVEL II to emerged and actively growing weeds in 40 to 60 gallons of diluted spray per treated acre immediately after cutting the field, but at least 24 hours before the next cutting.

Weeds	Rate Per Treated Acre
Mustard, Black	
Pigweed, Redroot (carelessweed)	1/2 to 1 pt.
Sowthistle, Annual	(1/4-1/2 lb.a.i.)
*Thistle, Canada	
Thistle, Russian	
<hr/>	
*Bindweed, Field	
Chickweed, Common	1 pt.
Goosefoot, Nettleleaf	(1/2 lb. a.i.)
Radish, Wild	
Thistle, Milk	

BANVEL II plus 2,4-D herbicide tank mixture may be used for improved control of noted (*) weeds. READ AND FOLLOW 2,4-D PRODUCT LABELING FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, APPLICATION RATES AND TIMINGS, AND OTHER RESTRICTIONS.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal.

STORAGE

Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, sawdust, or equivalent material for disposal.

PESTICIDE DISPOSAL

Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Plastic or Metal: After triple rinsing (or equivalent), offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

LIMITED WARRANTY AND LIABILITY

NOTICE: Read this Limited Warranty and Liability before buying or using this product. If the terms are not acceptable, return it at once, unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State Law, there is no warranty, and this Company and other Sellers disclaim all liability for losses, personal injury or damages: (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions or from mixing this product before use with any substance except as recommended by the product's label; (ii) arising from handling or storage in violation of label instructions; (iii) for all indirect, special or consequential damages; (iv) when not reported to this Company within one year of discovery; and (v) arising from product not used within the label-designated shelf life or four years from the date of

purchase, whichever first occurs. THERE ARE NO IMPLIED
WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.

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September 1988
Des Plaines, IL