

524-465

PM-25

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1-12-98 1 of 20

Please read Instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration	EPA Identifier Number 207736
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

Section I

1. Company/Product Number 524-465	2. EPA Product Manager Mr. James Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> General <input type="checkbox"/> Restricted
4. Company/Product (Name) Permit® Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 700 14th Street, N.W., Suite 1100 Washington, DC 20005	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

NOTIFICATION

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

JAN 12 1998
1-12-98

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submit revised label to update first aid and disposal statements.

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container:	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				Other (Specify): foil pouch	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product:	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other (_____)		

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process the application.)		
Name Dr. Russell P. Schneider	Title Agricultural Regulation Director	Telephone No. (Include Area Code) (202) 783-2460
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		Date Application Received (Stamped) .
2. Signature 	3. Title Registration Manager	
4. Typed Name Lydia A. Suba	5. Date Jan 6, 1998	

PERMIT®
HERBICIDE BY MONSANTO

NOTIFICATION

JAN 12 1998

Complete Directions For Use Pamphlet

EPA Reg No 524-465

**WATER SOLUBLE GRANULE PREMEASURED IN
WATER SOLUBLE BAG**

Permit® is a selective herbicide for the control of listed annual broadleaf weeds and nutsedge in field corn, field corn grown for seed, grain sorghum (milo) and fallow ground. This product is recommended for use following a preemergence application of Harness®, Harness® Xtra, Micro-Tech®, Partner® or Bullet®.

1998-1

39003U4-4/53

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label pamphlet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions application to or contact with desirable vegetation, unusual weather,

weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement

PRECAUTIONARY STATEMENTS

Hazards to Humans
and Domestic Animals

Keep out of reach of children.

CAUTION!

CAUSES EYE IRRITATION.
HARMFUL IF SWALLOWED.

Avoid contact with eyes or clothing.

FIRST AID: IF IN EYES, immediately flush with water. Get medical attention.

IF SWALLOWED, remove visible particles from mouth and rinse mouth thoroughly with water. Spit out rinse water. Swallow clean water to dilute. Get medical attention. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

In case of emergency involving this product,
Call Collect, day or night, (314) 694-4000.

Environmental Hazards

Do not apply directly to water, 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.

This Chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: overalls, waterproof gloves and shoes plus socks.

For more product information, call toll-free 1-800-332-3111.

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

STORAGE: Store under cool, dry conditions (below 120° F). Do not store under moist conditions.

Keep outer pouch **TIGHTLY** sealed to prevent moisture from damaging any unused water soluble bags.

DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal ~~or~~ in accordance with applicable Federal, state ~~or~~ and local procedures, or in such other method as is approved under those procedures.

Emptied foil pouch and cardboard box retain vapor and product residue. Observe all labeled safeguards until containers are destroyed. Do not reuse foil pouch or box.

Completely use water soluble bags in application equipment. Then dispose of empty foil pouch and cardboard box in a sanitary landfill, or by incineration, or by burning, if allowed by state and local authorities, ~~by burning~~. If burned, stay out of smoke.

DISPOSAL AUTHORITIES: If none of the foregoing procedures is permitted by state and local authorities, then contact your State Pesticide or Environmental Control Agency, or your local Hazardous Waste Disposal office, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

GENERAL INFORMATION

Biological Information

The level of weed control following Permit application is dependent upon application rate, weed species and size at application time, and growing conditions. For best results, applications should be made to actively growing weeds at the heights defined in the "USE RATE GUIDE" sections of this label. Heavy infestations should be treated early before the weeds become too competitive with the crop. When early postemergence treatments are used in corn, sequential applications may be required to control later weed flushes.

Soon after Permit is applied, growth of susceptible weeds is inhibited, and susceptible weeds are no longer competitive with the crop. Following growth inhibition, the leaves and growing point begin to discolor. Complete control typically occurs within 7-14 days depending on the weed size, species and growing conditions.

APPLICATION EQUIPMENT AND INSTRUCTION

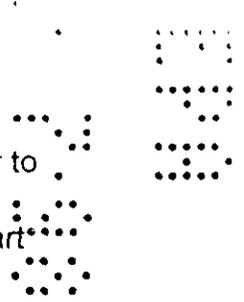
Do not apply by air. Applications should be made by ground equipment to healthy, actively growing weeds. For best results, avoid applications when weeds are under drought stress, disease, or insect damage. Rainfall or irrigation occurring within 4 hours after application may also reduce effectiveness.

Apply Permit uniformly with properly calibrated ground equipment in 10 or more gallons of water per acre. Other water based spray carriers may be used for directed applications, avoiding contact with crop foliage. Select spray volumes that ensure thorough and uniform weed coverage. Choose nozzles which provide optimum spray distribution and coverage at the appropriate pressure (psi). Use only ground application equipment. Thoroughly clean equipment prior to mixing spray solution. Avoid streaking, skips, overlaps, and spray drift during applications.

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

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

Thoroughly clean application equipment immediately after Permit use and prior to spraying a crop other than corn or grain sorghum. Prepare a tank cleaning solution which consists of a 1 percent solution of household ammonia (one quart



of ammonia for every 25 gallons of water). Use sufficient cleaning solution to thoroughly rinse all surfaces and to flush all hoses. Repeat the procedure with the ammonia solution. Complete the cleaning process by rinsing with clean water.

MIXING INSTRUCTIONS

Fill the spray tank to about three-fourths of the desired volume. Add the recommended amount of this product as listed in the "WEEDS CONTROLLED" sections. Complete the filling process while maintaining agitation. Remove the hose from the mixing tank immediately after filling to avoid siphoning back into the carrier source. Add non-ionic surfactant and other adjuvants as the last ingredients in the tank.

Spray solutions should be applied within 24 hours after mixing.

Adjuvants: A **nonionic surfactant (NIS)** is the only adjuvant required in the spray solution. Use only nonionic surfactants which are approved by EPA for use on food crops and which contain at least 80 percent active ingredient. Use 0.25 to 0.5 percent nonionic surfactant concentration (1 to 2 quarts per 100 gallons of spray solution).

Crop oil concentrate (COC) may be used with Permit **instead of** nonionic surfactants. Do not use both NIS and COC in the spray mixture. Add COC to the spray mixture at 1% vol./vol. (1 gallon per 100 gallons of spray mixture). Use only good quality petroleum- or vegetable-based crop oil concentrates which contain at least 14 percent emulsifiers.

Nonionic surfactant **OR** COC are the only additives necessary for Permit applications. Liquid nitrogen fertilizer solution (e.g., 28-0-0) may be added to the spray solution to improve the control of certain species, particularly if Permit is being tank mixed with a companion herbicide which requires use of a liquid nitrogen additive. However, a nonionic surfactant **OR** COC will still be necessary. Refer to the companion product label for specific additive requirements. Otherwise, add liquid nitrogen fertilizer at a rate of 2 to 4 quarts per acre. Do not use liquid nitrogen fertilizer solutions or suspensions as the total carrier because excessive crop injury may occur. A high quality, spray grade ammonium sulfate (e.g. 21-0-0) may be applied at a rate of 2 to 4 pounds per acre in place of the liquid nitrogen fertilizer.

Field Corn and Field Corn Grown For Seed

Corn Growth Stage: When used alone, Permit® can be applied over-the-top or with drop nozzles from the spike through layby stage of field corn.

Permit herbicide may be applied up to 2 applications with a total application not to exceed 2 2/3 ounces of product by weight (0.125 lb. active ingredient) per acre per use season.



Following application to foliage, allow 30 days before grazing domestic livestock, harvesting forage, or harvesting silage.

**WEEDS CONTROLLED
PERMIT® HERBICIDE
CORN USE RATE GUIDE**

Use Rate - 2/3 ounce of product by weight per acre
(0.032 pound active ingredient per acre)

Weed Species	Size Range Height (inches)
Cocklebur, common	1 to 9
Fleabane, Philadelphia	1 to 3
Kochia	1 to 3
Mallow, Venice	1 to 3
Passionflower, maypop	1 to 3
Pigweed, redroot	1 to 3
Pokeweed, common	1 to 6
Ragweed:	
common	1 to 9
giant	1 to 3
Smartweed, Pennsylvania	1 to 2
Sunflower, common	1 to 12
Velvetleaf	1 to 9

Use Rate - 1 to 1 1/3 ounces of product by weight per acre
(0.047 to 0.063 pound active ingredient per acre)

Weed Species	Size Range Height (inches)
Cocklebur, common	9 to 14
Mallow, Venice	4 to 12
Milkweed, honeyvine	1 to 6
Mustard, wild	4 to 6
Nutsedge: ¹	
yellow	4 to 12
purple	4 to 12
Pigweed, redroot ²	4 to 6
Radish, wild	4 to 6
Ragweed:	
common	9 to 12
giant	4 to 6
Sunflower, common	12 to 15
Velvetleaf ²	9 to 12

- 1 Heavy infestations of nutsedge may require sequential applications. An earlier treatment may be required to prevent nutsedge from competing with the crop.
- 2 For large velvetleaf and pigweed, the addition of liquid nitrogen fertilizer (2 to 4 quarts per acre) plus crop oil concentrate or nonionic surfactant is recommended.

WEEDS SUPPRESSED

Use Rate - 2/3 to 1 1/3 ounces of product by weight per acre
(0.032 to 0.063 pound active ingredient per acre)

Weed Species	ounces by weight per acre	
	2/3 oz. Height (inches)	1 to 1 1/3 oz. Height (inches)
Burcucumber	1 to 3	4 to 12
Kochia	*	3 to 6
Lambsquarters, common	1 to 2	---
Milkweed, common	3 to 5	6 to 12
Milkweed, honeyvine	1 to 3	---
Morningglory	---	1 to 3
Nutsedge:		
yellow	4 to 12	*
purple	4 to 12	*

* Refer to "WEEDS CONTROLLED" section of this label.

Grain Sorghum (Milo)

Grain Sorghum Growth Stage: Permit, alone, can be applied from the 2-leaf through layby stage (before grain head emergence).

Only apply Permit herbicide in a single application with the total application rate not to exceed 1.0 ounce of product by weight (0.047 lb. active ingredient) per acre per use season.

Temporary stature reduction may occur to the crop following application of Permit if the grain sorghum is under stress. This effect will be most evident 7-10 days after application. The crop will quickly recover under normal growing conditions.

Following application to foliage, allow 30 days before grazing domestic livestock, harvesting forage, or harvesting silage.



**WEEDS CONTROLLED
PERMIT® HERBICIDE
SORGHUM USE RATE GUIDE**

Use Rate - 2/3 ounce of product by weight per acre
(0.032 pound active ingredient per acre)

Weed Species	Size Range Height (inches)
Cocklebur, common	1 to 9
Fleabane, Philadelphia	1 to 3
Kochia 1 to 3	
Mallow, Venice	1 to 3
Passionflower, maypop	1 to 3
Pigweed, redroot	1 to 3
Pokeweed, common	1 to 6
Ragweed:	
common	1 to 9
giant	1 to 3
Smartweed, Pennsylvania	1 to 2
Sunflower, common	1 to 12
Velvetleaf	1 to 9

Use Rate - 1.0 ounce of product by weight per acre
(0.047 pound active ingredient per acre)

Weed Species	Size Range Height (inches)
Nutsedge:	
yellow	4 to 12
purple	4 to 12

WEEDS SUPPRESSED

Use Rate - 2/3 ounce of product by weight per acre
(0.032 pounds active ingredient per acre)

Weed Species	Size Range Height (inches)
Burcucumber	1 to 3
Lambsquarters, common	1 to 2
Milkweed, common	3 to 5
Milkweed, honeyvine	1 to 3

Nutsedge:	
yellow	4 to 12
purple	4 to 12

APPLICATIONS TO FALLOW GROUND

Applications of Permit may be made to fallow ground at use rates ranging between 2/3 to 1 1/3 ounces of product by weight per acre. Permit herbicide may be applied up to 2 applications with a total application not to exceed 2 2/3 ounces of product by weight (0.125 lb. active ingredient) per acre per use season.

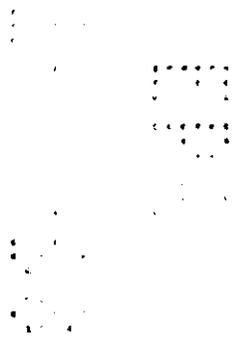
Refer to the "FIELD CORN" section of this label for weed control recommendations. Also refer to the "ROTATIONAL CROP INFORMATION" section of this label for applicable rotational crop restrictions.

TANK MIXTURES

Before mixing in the spray tank, it is recommended that compatibility be tested by mixing all components in a small container in proportionate quantities as listed below. For tank mixtures, add individual formulations to the spray tank in the following sequence: water soluble bags, dry flowables, emulsifiable concentrates, drift control additive, water soluble liquids followed by nonionic surfactant.

Tank mixtures should not be applied if the crop is under severe stress due to drought, water-saturated soils, poor fertility (especially low nitrogen levels), hail, frost, insects or when the maximum daytime temperature is above 92°F. Tank mix applications under these conditions may cause temporary crop injury.

Ensure that spray equipment is set up to avoid applying an excessive rate directly over the rows and into the whorl of the cornstalk. To insure good spray coverage of weeds and to reduce the risk of spraying directly into the whorl, tank-mix applications made after corn is 24 inches tall should be directed or semi-directed using drop nozzles.



Permit® Tank-Mixture Options in Corn

Tank Mix Partners	Rate per Acre	Additives	Application Method	Comments
Banvel™ or Clarity™	2 to 8 fl oz	NIS	<ul style="list-style-type: none"> Broadcast up to 36" tall corn. Use lower Banvel rates or directed sprays on corn taller than 8" 	<ul style="list-style-type: none"> COC may cause crop injury, especially with higher Banvel/Clarity rates. For large corn, avoid direct spraying into whorl of cornstalk.
Marksman™	1/2 to 2 pints	NIS	<ul style="list-style-type: none"> Broadcast up to 8" tall corn. 	<ul style="list-style-type: none"> COC may cause crop injury.
2,4-D (4 lb/gal)	4 to 8 fl oz	NIS	<ul style="list-style-type: none"> Broadcast up to 8" tall corn. 	<ul style="list-style-type: none"> If corn exceeds 8", directed sprays with drop nozzles are required.
Buctril™	1/2 to 1 pint	NIS	<ul style="list-style-type: none"> Broadcast to corn up to tassel emergence. 	<ul style="list-style-type: none"> Leaf burn may occur. COC or 28% may cause additional leaf burn.
Buctril+atrazine	1 to 2 1/2 pints	NIS	<ul style="list-style-type: none"> Broadcast to corn up to 12" tall. 	<ul style="list-style-type: none"> Leaf burn may occur. COC or 28% may cause additional leaf burn.
Atrazine 4L	1 1/2 to 3 pints	COC	<ul style="list-style-type: none"> Broadcast to corn up to 12" tall 	<ul style="list-style-type: none"> Control is best when weeds are small. Effective for burndown of grass weed escapes. Antagonism may occur on larger broadleaf weeds.
Accent™	2/3 oz	COC or NIS	<ul style="list-style-type: none"> Broadcast or apply with drop nozzles to corn up to 24" tall. For corn 24 to 36" tall, apply with drop nozzles only. 	<ul style="list-style-type: none"> Ammonium nitrogen fertilizer (e.g. 28%) is also recommended as an additive. Avoid spraying directly into whorls of larger cornstalks. Refer to Accent label for soil insecticide interaction information.
Beacon™	0.76 oz 1/2 packet	COC or NIS	<ul style="list-style-type: none"> Broadcast or apply with drop nozzles to corn up to 20" tall. For corn 20" to pretassel, apply with drop nozzles only. 	<ul style="list-style-type: none"> Ammonium nitrogen fertilizer (e.g. 28%) is also recommended as an additive. Avoid spraying directly into whorls of larger corn. Refer to Beacon label for soil insecticide interaction restrictions. Consult your dealer, seed supplier, or Ciba representative for a list of susceptible hybrids.

NIS = Nonionic surfactant. COC = Crop oil concentrate.

Refer to "MIXING INSTRUCTIONS", "TANK MIXTURES" and "USE RATE GUIDES" sections of this label for detailed information.

Refer to the specific product labels and observe all precautions, mixing and application instructions for all products used in tank mixtures.

**TANK MIXTURES
CORN AND GRAIN SORGHUM**

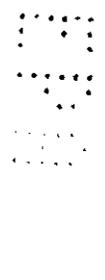
**PERMIT® plus BANVEL™ plus NONIONIC SURFACTANT
PERMIT plus 2,4-D plus NONIONIC SURFACTANT**

For the control of additional broadleaf weeds, Permit may be applied in tank mixtures with Banvel or 2,4-D. Avoid spraying just after corn leaves unfold, as injury may occur. A Permit tank mixture with 2,4-D may be applied during the period from corn emergence through the 5 leaf stage or 8 inches tall, whichever comes first. If corn exceeds 8 inches, directed spray applications with drop nozzles must be used for tank mixtures with 2,4-D.

A Permit tank mixture with 2,4-D may be applied to grain sorghum when the crop is 6 to 15 inches tall. If sorghum exceeds 8 inches, use drop nozzles and keep the spray off foliage. Do not treat during the boot, flowering or dough stage.

A Permit tank mixture with low rates of Banvel may be applied during the period beginning at corn emergence and continuing until corn is 36 inches in height. Applications should not be made when corn exceeds 36 inches or 15 days before tassel emergence, whichever comes first. Applications should not be made when grain sorghum exceeds 15 inches. Do not treat grain sorghum during the boot, flowering, or dough stage. Clarity™ or Marksman™ may be substituted in this tank mixture.

Refer to the labels for Banvel, 2,4-D, Clarity and Marksman products for label restrictions.



**PERMIT® HERBICIDE
USE RATE GUIDE**

**PERMIT plus BANVEL plus NONIONIC SURFACTANT
PERMIT plus 2,4-D plus NONIONIC SURFACTANT**

Permit Use Rate - 2/3 ounce of product by weight per acre
Banvel Use Rate - 1/4 to 1/2 pint per acre
2,4-D Use Rate - 1/4 to 1/2 pint per acre
- (0.125 - 0.25 lb active ingredient per acre)

Weed Species	Size Range Height (inches)
Bindweed	1 to 6
Burcucumber ¹	4 to 12
Cocklebur, common	1 to 12
Dogbane, hemp ³	1 to 6
Horsenettle	1 to 3
Jimsonweed	1 to 4
Kochia ¹	1 to 6
Lambsquarters, common ²	1 to 6
Mallow, Venice	1 to 3
Milkweed, common	1 to 6
Morningglory, ivyleaf	1 to 6
Morningglory, tall	1 to 6
Nightshade, black ¹	1 to 6
Pigweed, redroot	1 to 12
Pokeweed, common ¹	1 to 18
Ragweed: common	1 to 12
giant ¹	1 to 6
Smartweed, Pennsylvania	1 to 3
Sunflower, common	1 to 12
Thistle, Canada ¹	1 to 6
Velvetleaf	1 to 12

- ¹ Banvel tank mixture only.
- ² A tank mixture of Permit (2/3 ounce by weight per acre) plus Banvel at 2 fluid ounces per acre (1/8 pint per acre) is recommended for the control of common lambsquarters less than 4 inches in height.
- ³ Provides suppression of this weed.

PERMIT® plus BUCTRIL™ plus NONIONIC SURFACTANT

Permit may be applied in combination with Buctril or BUCTRIL + atrazine herbicides for postemergence control of many annual broadleaf weeds in corn and grain sorghum. Use 2/3 ounce of Permit by weight plus surfactant in combination with 1/2 to 1 pint of Buctril and 1 to 2 1/2 pints of BUCTRIL + atrazine herbicide.



Refer to Buctril and BUCTRIL + atrazine labels for use instructions, weeds controlled and application restrictions.

PERMIT® plus ATRAZINE

Permit may be applied in combination with atrazine for postemergence control of labeled broadleaf weeds. The addition of atrazine will also aid in the burndown and control of many grass weeds (1.5 inches or less) which have escaped preemergence herbicide treatments. Applications should be made when broadleaf weeds are small (3 inches or less).

Mixtures with atrazine may result in reduced control (antagonism) of larger broadleaf weeds. Use the labeled rate for Permit herbicide plus atrazine 4L at 1 1/2 to 3 pints per acre (0.75 to 1 1/2 lbs. ai per acre). The addition of crop oil concentrate (COC) is recommended for this mixture.

Refer to the atrazine 4L label for use instructions, additive requirements, weeds controlled and application restrictions.

**TANK MIXTURES
CORN ONLY**

**PERMIT® plus ACCENT™ plus NONIONIC SURFACTANT
PERMIT® plus BEACON™ plus NONIONIC SURFACTANT**

A tank mixture of Permit plus Accent or Beacon may be used for the postemergence control of annual broadleaf weeds and annual grasses in corn only.

Permit plus Accent may be applied over-the-top or with drop nozzles to field corn up to 24 inches tall (free standing). For corn 24 to 36 inches tall, refer to the Accent label for application restrictions. Permit plus Beacon may be applied over-the-top or directed to field corn when corn height is between 4 and 20 inches tall. Drop nozzles are required with the Beacon mixture when corn is between 20 inches tall and tassel emergence. Banvel, Marksman, Clarity, Buctril or Buctril + atrazine may also be added to these tank mixtures for improved control of certain weed species.

Refer to Accent and Beacon labels for use instructions and restrictions on corn varieties and insecticides.

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**PERMIT® HERBICIDE
USE RATE GUIDE
PERMIT plus ACCENT plus NONIONIC SURFACTANT
PERMIT plus BEACON plus NONIONIC SURFACTANT**

PERMIT Use Rate - 2/3 to 1.0 ounce of product by weight per acre
 Accent Use Rate - 2/3 ounce by weight per acre
 Beacon Use Rate - 1/2 packet per treated acre
 (0.76 oz. product per acre)

Broadleaves	Size Range Height (inches)
Cocklebur, common	1 to 9
Fleabane, Philadelphia	1 to 3
Kochia	1 to 3
Mallow, Venice	1 to 3
Passionflower, maypop	1 to 3
Pigweed, redroot	1 to 3
Pokeweed, common	1 to 6
Ragweed	
common	1 to 9
giant	1 to 3
Smartweed, Pennsylvania	1 to 2
Sunflower, common	1 to 12
Velvetleaf	1 to 9

Grasses	Size Range Height (inches)	
	Permit + Accent	Permit + Beacon
Barnyardgrass	2 to 4	
Cupgrass, woolly	2 to 4	
Foxtails: giant, yellow, green, bristly	2 to 4	
Itchgrass	2 to 6	
Johnsongrass, rhizome	8 to 18	8 to 16
seedling	4 to 12	4 to 12
Millet, wild proso	1 to 4	
Oats, wild	2 to 4	
Panicum, browntop	1 to 3	
Panicum, fall than 2	2 to 4	Less
Panicum, Texas	1 to 3	
Quackgrass 4 to 10	4 to 8	
Ryegrass, Italian	2 to 6	
Sandbur	1 to 3	
Shattercane	4 to 12	4 to 12
Signalgrass, broadleaf	1 to 2	
Sorghum-almum	4 to 12	4 to 12

PERMIT® plus ACCENT™ plus SOIL RESIDUALS

Micro-Tech® plus Permit plus Accent, Partner® plus Permit plus Accent or Lasso® plus Permit plus Accent for early postemergence control of foxtails in field corn (including seed corn).

These tank mixtures will provide postemergence control of emerged foxtails as well as residual preemergence control or reduced competition of annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of the Micro-Tech, Partner and Lasso herbicide labels.

Apply these tank-mixtures to emerged foxtails less than 2 inches tall and to corn less than 5 inches tall. Include 28% nitrogen fertilizer at a rate of 4 gallons per 100 gallons of spray solution plus NIS at 1 quart per 100 gallons of spray solution in 15 to 30 gallons of water per acre. The addition of Banvel or Clarity at 2 ounces of product per acre is recommended to these mixtures to control emerged lambsquarters less than 4 inches tall.

RECOMMENDED RATES/ACRE:

Micro-Tech or Lasso Quarts)	or Partner (Pounds)	Plus Permit (Ounces)	Plus Accent (Ounces)
1.5 to 3.5	2.5 to 5.3	2/3	1/3 to 1/2

PERMIT® plus ROUNDUP® plus NONIONIC SURFACTANT

Permit may be applied at 2/3 ounce by weight per acre in combination with Roundup herbicide for preplant burndown of emerged annual grasses, broadleaf weeds and nutsedge with Pioneer IR corn hybrids only. Pioneer IR hybrids are required to ensure crop safety due to the preplant application. Banvel or 2,4-D may also be applied in this tank mixture for enhanced preplant burndown of broadleaf weeds.

Refer to the Roundup, Banvel and 2,4-D labels for use instructions, weeds controlled, and application restrictions.

PERMIT® SOIL APPLICATIONS

When used exclusively with Pioneer IR field corn hybrids, Permit may be soil applied at the rate of 1 1/3 to 2 ounces by weight per acre (0.063 to 0.094 pound of active ingredient per acre) for residual control of velvetleaf, common cocklebur, common lambsquarters, common ragweed, pigweed, smartweed, sunflower and other difficult to control weeds.

This product is recommended as an early preplant surface-applied, preplant incorporated, or preemergence treatment. Permit offers effective broadleaf control across all tillage systems and is intended for use in tank mixtures with the

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following herbicides: **Harness®**, **Harness® Xtra**, **Micro-Tech®**, **Partner®**, **Dual™**, **Eradicane™**, **Sutan+™**, **Surpass™**, or **Frontier™**.

Refer to the labels for **Harness**, **Harness Xtra**, **Micro-Tech**, **Partner**, **Dual**, **Eradicane**, **Sutan+**, **Surpass**, and **Frontier** for use instructions, weeds controlled, and application restrictions.

ROTATIONAL CROP INFORMATION

Labeled crops may be planted at specified time intervals following application of approved rates of Permit herbicide. Use the time intervals listed below to determine the required time interval before planting.

TIME INTERVAL BEFORE PLANTING (Months after treatment with Permit)

Crop	Months
IR/IMR Field corn	0
IT Field corn	1
Normal Field corn	1
Barley (winter)	2
Forage Grasses	2
Oats	2
Proso Millet	2
Rice	2
Rye (winter)	2
Seed corn	2
Sorghums	2
Spring cereal crops	2
Wheat (winter)	2
Popcorn, Sweetcorn	3
Cotton	4
Peanuts	6
Tomato (transplant)	8
Alfalfa	9
Clovers	9
Dry Beans	9
Field Peas	9
Peas	9
Potatoes	9
Cucumbers, Pumpkins, Squash	9
Snap Beans	9
Soybeans	9
Peppers	10
Eggplant	12
Radish	12
Cabbage	15
Canola	15

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Carrot	15
Mint	15
Broccoli, Cauliflower,	
Collards	18
Leeks, Onions	18
Lettuce crops	18
Sunflowers	18
Sugarbeet (Michigan only)	21
Sugarbeet and Red Beet	24
Spinach	24
Sugarbeet	36
(ND, MN, Red River Valley)*	

*Also includes other regions where rainfall is sparse or irrigation is required.

Refer to individual product labels to determine rotational crop restrictions when tank mixtures are used.

ACTIVE INGREDIENT:

*Methyl 5-(((4,6-dimethoxy-2-pyrimidinyl)amino] carbonylamino sulfonyl)-3-chloro-1-methyl-1H-pyrazole-4-carboxylate	75.0%
INERT INGREDIENTS:	25.0%
	100.0%

* Manufactured by Nissan Chemical Industries Ltd.
Product is protected by U.S. Patent No. 4,668,277.

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™ Buctril is a trademark of Rhone-Poulenc Ag Company.

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In case of emergency involving this product,
Call Collect, day or night, (314) 694-4000.

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