ENCOMPASS

herbicide

TENKŌZ_

FOR CONTROL AND/OR SUPPRESSION OF CERTAIN WEEDS IN SOYBEAN AND FALL & SPRING BURNDOWN PROGRAMS.

For sale and use only in the following states: IA, IL, IN, KS, KY, MI, MN, MO, ND, NE, OH, SD, WI

Active Ingredient	By Wt.
Flumioxazin*	
Other Ingredients	49%
Total	

*2-[7-fluoro-3,4-dihydro-3-oxo-4-(2-propynyl)-2*H*-1,4-benzoxazin-6-yl]-4,5,6,7-tetrahydro-1*H*-isoindole-1,3(2*H*)-dione

ENCOMPASS™ Herbicide is a water dispersible granule containing 51% active ingredient.

EPA Reg. No. 59639-99-55467 EPA Est. 11773-IA-01®, 39578-TX-01® Superscript is first letter of lot number.

KEEP OUT OF REACH OF CHILDREN CAUTION

SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NFT WEIGHT 5 POUNDS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing dust and spray mist. Avoid contact with skin, eyes or clothing.

FIRST AID

If inhaled: Move person to fresh air.

> If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably

by mouth-to-mouth if possible.

Call a poison control center or doctor for further

treatment advice

clothing:

If on skin or Take off contaminated clothing.

Rinse skin immediately with plenty of water for

15-20 minutes.

Call a poison control center or doctor for treat-

ment advice.

If in eyes: Hold eve open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first

5 minutes, then continue rinsing eve.

Call a poison control center or doctor for treat-

ment advice

If swallowed: Call a poison control center or doctor immedi-

ately for treatment advice.

Have person sip a glass of water if able to

swallow

Do not induce vomiting unless told to do so by the poison control center or doctor.

Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 800-892-0099 for emergency medical treatment information.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes and socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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.

ENVIRONMENTAL HAZARDS

This product is toxic to non-target plants and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff may be hazardous to non-target plants and aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

This pesticide is toxic to plants and should be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

Under some conditions this product may have a potential to runoff to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no till, limited till and contour plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands or on the downhill side of fields where run-off could occur will minimize water run-off and is recommended

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRE-CAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLI-CABLE STATE AND FEDERAL REGULATIONS.

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 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: coveralls, chemical resistant gloves made of waterproof material, shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries or greenhouses.

Keep all unprotected persons out of operating areas, or vicinity where there may be drift.

Do not enter or allow others to enter treated areas until sprays have dried.

DISCLAIMER, RISKS OF USING THIS PRODUCT, LIMITED WARRANTY AND LIMITATION OF LIABILITY

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, nonperformance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather. soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application. (or a combination of such factors) all of which are factors beyond the control of TENKOZ. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage. or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULL-EST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

TENKOZ shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

(continued)

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LIMITED WARRANTY

TENKOZ warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, TENKOZ MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of TENKOZ or Seller is authorized to make or create any other express or implied warranty. LIMITATION OF LIABILITY

To the fullest extent allowed by law, TENKOZ or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW. THE EXCLUSIVE REMEDY OF THE BUYER. AND THE EXCLUSIVE MAXIMUM LIABILITY OF TENKOZ OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WAR-RANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF TENKOZ OR SELLER. THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

To the extent consistent with applicable law allowing such requirements TENKOZ must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law if Buyer does not notify TENKOZ of any claims, in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

TENKOZ and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

TANK MIXES

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law.

Read and follow the entire label of each product to be used in the tank mix with this product.

RESISTANCE MANAGEMENT RECOMMENDATIONS

ENCOMPASS Herbicide is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to ENCOMPASS Herbicide and other Group 14 herbicides. Weed species with acquired resistance to Group 14 herbicides may eventually dominate the weed population if Group 14 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by ENCOMPASS Herbicide or other Group 14 herbicides.

To delay herbicide resistance consider:

- Avoiding the consecutive use of ENCOMPASS Herbicide or other target site of action Group 14 herbicides that might have a similar target site of action, on the same weed species.
- Using tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action and are both effective at the tank mix or prepack rate on the weed(s) of concern.
- Basing herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitoring treated weed populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

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USE INFORMATION

ENCOMPASS Herbicide uses:

- ENCOMPASS Herbicide provides residual control of susceptible weeds in sovbean.
- ENCOMPAS'S Herbicide provides additional burndown activity when used as part of burndown programs in soybean.
- ENCOMPASS Herbicide can be applied as part of a fall burndown program for control of susceptible winter annuals.
- Read tank mix product label for rates and weeds controlled. Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. ENCOMPASS Herbicide, when applied according to label use directions, will control the weeds claimed in use directions. This label makes no claims concerning control of other weed species.

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator is responsible for considering all of these factors when making decisions. Where states have more stringent regulations, they should be observed.

RESTRICTIONS AND LIMITATIONS

- Do not apply this product when weather conditions favor spray drift from treated areas.
- Do not apply during low-level inversion conditions, including fog.
- When applying by air, observe drift management restrictions and precautions listed under "AERIAL APPLICATION".
- Do not apply to frozen or snow covered soil.
- Mechanical incorporation into the soil will reduce residual weed control.
- Post directed and layby applications of ENCOMPASS Herbicide should be applied only to healthy growing crops.
 Do not apply to farm allows or roads where traffic may result in
- Do not apply to farm alleys or roads where traffic may result in treated dust settling onto crops or other desirable vegetation.
- . Do not apply within 300 yards of non-dormant pears.
- Do not apply to powdery soils or soils that are susceptible to wind displacement unless irrigation can be applied immediately after application.

Spray equipment used to apply ENCOMPASS Herbicide should not be used to apply other materials to any crop foliage, unless the proper cleanout procedures are followed. See "SPRAYER CLEAN-UP" for more information.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL PERFORMANCE

Preemergence Application (Conventional Tillage)

Important: Crop injury may occur from applications made to poorly drained soils and/or applications made under cool, wet conditions. Risk of crop injury can be minimized by using on well drained soils, planting at least 1.5 inches deep, using high quality seed and completely covering seeds with soil prior to preemergence applications. Treated soil that is splashed onto newly emerged crops may result in temporary crop injury.

Moisture is necessary to activate ENCOMPASS Herbicide in soil for residual weed control. Dry weather following applications of ENCOMPASS Herbicide may reduce effectiveness. However, when adequate moisture is received after dry conditions, ENCOMPASS Herbicide will control susceptible germinating weeds. ENCOMPASS Herbicide may not control weeds that germinate after application

but before an activating rainfall/irrigation or weeds that germinate through cracks resulting from dry soil.

When adequate moisture is not received after an ENCOMPASS Herbicide application, weed control may be improved by irrigation with at least 1/4 inch of water. If emerged weeds are controlled by cultivation, residual weed control will be reduced.

Burndown Application

For best results, ENCOMPASS Herbicide should be applied as part of a burndown program to actively growing weeds. Applying ENCOMPASS Herbicide under conditions that do not promote active weed growth will reduce herbicide effectiveness. Do not apply ENCOMPASS Herbicide when weeds are under stress due to drought, excessive water, extremes in temperature, disease or low humidity. Weeds under stress tend to become less susceptible to herbicidal action. ENCOMPASS Herbicide is most effective when applied under warm sunny conditions.

Reduced residual weed control may occur when burndown applications are made to fields where heavy crop and/or weed residue exist

Rainfastness

ENCOMPASS Herbicide is rainfast one hour after application. Applications should not be made if rain is expected within one hour of application or postemergence efficacy may be reduced.

Soil Characteristics

Application of ENCOMPASS Herbicide to soils with high organic matter and/or high clay content may require higher dosages than soils with low organic matter and/or low clay content. Application to cloddy seedbeds can result in reduced weed control.

HERBICIDE RATE

Residual Weed Control (Including Preemergence Applications or Applications as Part of a Fall or Spring Burndown and Fallow Seedbed Program)

Based upon soil characteristics (organic matter content and texture), the most difficult to control weed species being targeted, and the crop being grown, select the proper ENCOMPASS Herbicide dosage from the rate range tables contained in this label.

CARRIER VOLUME AND SPRAY PRESSURE (Ground Equipment only. See Information for Aerial Equipment under "AERIAL APPLICATION".)

Preemergence Application (Conventional Tillage)

To ensure uniform coverage, use 10 to 30 gals of spray solution per acre for conventional tillage applications. Nozzle selection should meet manufacturer's gallonage and pressure recommendations for preemergence herbicide application.

Burndown Application (Prior to Crop Emergence)

To ensure thorough coverage in burndown applications, use 15 to 60 gals spray solution per acre. Use 20 to 60 gals per acre if dense vegetation or heavy crop residue is present. Nozzle selection should meet manufacturer's gallonage and pressure recommendations for postemergence herbicide application.

ADDITIVES

Burndown Application (Prior to Crop Emergence)

Postemergence control of weeds from ENCOMPASS Herbicide requires the addition of an agronomically approved adjuvant to the spray mixture. When an adjuvant is to be used with ENCOMPASS

Herbicide, TENKOZ recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Either a crop oil concentrate or methylated seed oil which contains at least 15% emulsifiers and 80% oil or a non-ionic surfactant at 0.25% v/v, may be used when applying ENCOMPASS Herbicide as part of a burndown program. Some tank mix partners, such as Roundup Power Max®, are formulated with sufficient adjuvants and do not require the addition of a crop oil concentrate, methylated seed oil or nonionic surfactant when tank mixed with ENCOMPASS Herbicide. The addition of a crop oil concentrate or methylated seed oil may increase the burndown activity on certain weeds such as cutleaf eveningprimrose and Carolina geranium. Mixing compatibility qualities should be verified by a jar test.

A spray grade nitrogen source (either ammonium sulfate at 2 to 2.5 lbs/A or a 28 to 32% nitrogen solution at 1 to 2 qts/A) may be added to the spray mixture along with either a crop oil concentrate, methylated seed oil or non-ionic surfactant to enhance weed control. The addition of a nitrogen source does not replace the need for a crop oil concentrate, a methylated seed oil or a non-ionic surfactant.

JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND ENCOMPASS HERBICIDE

When using ENCOMPASS Herbicide and an adjuvant, such as in stale seed bed or reduced tillage situations, a jar test should be performed before mixing commercial quantities of ENCOMPASS Herbicide, when using ENCOMPASS Herbicide for the first time, when using new adjuvants or when a new water source is being used.

- Add 1 pt of the water to a quart jar. The water should be from the same source and temperature as which will be used in the spray tank mixing operation.
- Add 1 g of ENCOMPASS Herbicide to the quart jar for every 3 oz of ENCOMPASS Herbicide per acre being applied (4 g if 12 oz/A is the desired ENCOMPASS Herbicide rate), gently mix until product goes into suspension.
- Add 60 ml (4 Tbsps or 2 fl oz) of the crop oil or methylated seed oil to the quart jar or 1 ml of non-ionic surfactant if it is being used in place of oil, gently mix.
- 4. If nitrogen is being used, add 16 ml (1 Tbsp or 0.5 oz) of the 28 to 32% nitrogen source to the quart jar. If ammonium sulfate is being used, add 19 g AMS to the quart jar in place of the 28 to 32% nitrogen.
- Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
 An ideal tank mix combination will be uniform and free of suspended particles. If any of the following conditions are observed the choice of adjuvant should be questioned:
 - a) Layer of oil or globules on the mixture's surface.
 - b) Flocculation: fine particles in suspension or as a layer on the bottom of the jar.
 - c) Clabbering: Thickening texture (coagulated) like gelatin.

SPRAYER PREPARATION

Before applying ENCOMPASS Herbicide, start with clean, well maintained application equipment. The spray tank, as well as all hoses and booms, must be cleaned to ensure no residue from the previous spraying operation remains in the sprayer. Some pesticides, including but not limited to, the sulfonylurea and phenoxy herbicides, (i.e., Classic® and 2,4-D respectively) are active at very small amounts and can cause crop injury when applied to susceptible crops. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the

equipment is used to apply ENCOMPASS Herbicide. If two or more products were tank mixed prior to ENCOMPASS Herbicide application, the most restrictive cleanup procedure should be followed.

MIXING INSTRUCTIONS

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. If a drift retardant is to be used, add 10 lbs of spray grade am-

monium sulfate per 100 gals of spray solution.

- 3. To ensure a uniform spray mixture, pre-slurry the required amount of ENCOMPASS Herbicide with water prior to addition to the spray tank. Use a minimum of 1 gal of water per 10 oz of ENCOMPASS Herbicide.
- 4. While agitating, slowly add the pre-slurried ENCOMPASS Herbicide to the spray tank. Agitation should create a rippling or rolling action on the water surface.
- 5. If tank mixing ENCOMPASS Herbicide with other labeled herbicides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions. Prepare no more spray mixture than is required for the immediate spray operation.
- Add any required adjuvants.
- Fill spray tank to desired level with water. Agitation should continue until all spray solution has been applied.
- Mix only the amount of spray solution that can be applied the day of mixing. ENCOMPASS Herbicide should be applied within 6 hours of mixing.

SPRAYER CLEANUP

Spray equipment, including mixing vessels and nurse tanks, must be cleaned each day following ENCOMPASS Herbicide application. After ENCOMPASS Herbicide is applied, the following steps must be used to clean the spray equipment:

- Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
- Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
- 3. Top off tank, add 1 gal of 3% household ammonia (or equivalent) for every 100 gals of water, circulate through sprayer for 5 minutes, and then flush all hoses, booms, screens and nozzles for a minimum of 15 minutes. If diaphragms are being used on the spray boom, loosen diaphragms before flushing the spray system, allowing cleaning solution to spray through the open diaphragm. If spray lines have any end caps, they must be loosened before flushing the system, allowing cleaning solution to spray through the loosened caps. To enhance removal of ENCOMPASS Herbicide from the spray system, add a tank cleaner in place of ammonia and allow the cleaning solution to remain in the pressurized spray system (spray tank, hoses and boom) overnight before flushing the system for a minimum of 15 minutes.
- 4. Drain tank completely.
- Add enough clean water to the spray tank to allow all hoses, booms, screens and nozzles to be flushed for 2 minutes.
- 6. Remove all nozzles and screens and rinse them in clean water.

Spray equipment, including all tanks, hoses, booms, screens and nozzles, should be thoroughly cleaned before it is used to apply postemergence pesticides. Equipment with ENCOMPASS Herbicide remaining in the system may result in crop injury to the subsequently treated crop.

APPLICATION FOUIPMENT

Application equipment should be clean and in good repair. Nozzles should be uniformly spaced on boom and frequently checked for accuracy.

BROADCAST APPLICATION

Apply ENCOMPASS Herbicide, and ENCOMPASS Herbicide tank mixes, with ground equipment using standard commercial sprayers equipped with flat fan or flood nozzles (preemergence applications only) designed to deliver the desired spray pressure and spray volume

AERIAL APPLICATION

Spray drift away from the site of application may cause damage to non-target vegetation. To minimize drift, apply the largest droplet size consistent with uniform coverage and satisfactory weed control. To obtain satisfactory application and avoid drift, the following directions must be observed:

- Do not apply during low-level inversion conditions (including fog), when winds are gusty or under other conditions that favor drift.
 Do not spray when wind velocity is less than 2 mph or more than 10 mph.
- Do not apply this product by air within 40 ft of non-target plants including non-target crops.
- Do not apply this product by air within 100 ft of emerged cotton crops.
- Do not apply this product by air within 40 ft of streams, wetlands, marshes, ponds, lakes and reservoirs.
- Carrier Volume and Spray Pressure: When used as part of a burndown weed control program, apply ENCOMPASS Herbicide in 7 to 10 gals of water per acre. Application at less than 7 gals per acre may provide inadequate control. When used for preemergence weed control, apply ENCOMPASS Herbicide in 5 to 10 gals of water per acre. The higher gallonage applications generally afford more consistent weed control. Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Nozzle Selection and Orientation: Formation of very small drops may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray pressure. Use nozzles that produce flat or hollow cone spray patterns. Use non-drip type nozzles, such as diaphragm type nozzles, to avoid unwanted discharge of spray solution. The nozzles must be directed toward the rear of the aircraft, at an angle between 0 and 15° downward. Do not place nozzles on the outer 25% of the wings or rotors.
- Adjuvants and Drift Control Additives: Refer to tank mix partner's label for adjuvant recommendation. Drift control additives may be used. When a drift control additive is used, read and carefully observe the cautionary statements and all other information appearing on the additive label.

ROTATIONAL RESTRICTIONS

The following rotational crops may be planted after applying ENCOMPASS Herbicide at the listed rate. Planting earlier than the recommended rotational interval may result in crop injury.

 Do not plant any crop, except corn (field), cotton, peanut, soybean, sugarcane and sweet potato earlier than 30 days after applying ENCOMPASS Herbicide.

plying ENCOMPASS Herbicide.					
ENCOMPASS HERBICIDE RATES	CROPS	ROTATION INTERVALS			
1 oz/A	Cotton (no-till or strip-till only)	14 days1			
1.5 to 2 oz/A	Cotton (no-till or strip-till only)	21 days1			
2 oz/A or less	Peanut, Soybean, Sugarcane and Sweet Potato	immediately			
	Field Corn (minimum and no-till)	7 days			
	Cotton and Field Corn (conventional tillage), Rice, Sorghum, Sunflower, Tobacco and Wheat	30 days ¹			
	Barley, Dry and Snap Beans, Flax, Peas, Rye, Safflower and Sweet Corn	3 months			
	Alfalfa, Canola, Clover, Oats, Potato, Sugar Beet and all other crops not listed ²	4 months if soil is tilled prior to planting 8 months if no tillage is performed			
Up to 3 oz/A	Peanut, Soybean, Sugarcane and Sweet Potato	immediately			
	Field Corn (minimum and no-till)	14 days			
	Field Corn (conventional tillage) and Sorghum	30 days ¹			
	Cotton, Rice, Sunflower, Tobacco and Wheat	2 months ¹			
	Barley, Dry and Snap Beans, Flax, Pea, Rye, Safflower and Sweet Corn	4 months			
	Alfalfa, Clover, Oats, Potato, Sugar Beet	5 months if soil is tilled prior to planting 10 months if no tillage is performed			
	Canola and all other crops not listed ²	6 months if soil is tilled prior to planting 12 months if no tillage is performed			
	Lentil	7 months			
Up to 4 oz/A	Sugarcane	immediately			
	Cotton, Field Corn, Peanut, Rice, Sorghum, Soybean, Sunflower, Tobacco and Wheat	4 months			
	Alfalfa, Canola, Sugar Beet and all other crops not listed ²	6 months if soil is tilled prior to planting 12 months if no tillage is performed			

¹ At least one inch of rainfall/irrigation must occur between application and planting or crop injury may occur.

² Successful soil bioassay must be performed prior to planting these crops.

Table 1. Broadleaf Weeds Controlled by Residual Activity of ENCOMPASS Herbicide

BROADLEAF WEED SPECIES

SECTION A				
COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	SOIL TYPE	ENCOMPASS HERBICIDE RATE
Carpetweed	Mollugo verticillata	Up to 5%	All Soil	2 oz/A
Chickweeds	Vertientata		Types	
Common	Stellaria media		//	
Mouseear	Cerastium vulgatum			
Dandelion	Taraxacum officinale			
Eclipta	Eclipta prostrata			
Eveningprimrose,	Oenothera			
Cutleaf	laciniata			
Florida Pusley	Richardia scabra			
Henbit	Lamium amplexicaule			
Lambsquarters, Common	Chenopodium album			
Little Mallow	Malva parviflora			
Marestail/ Horseweed	Conyza canadensis			
Nightshades	Canauensis			
Black	Solanum			
Diack	nigrum			
Eastern Black	Solanum			
Edotoi ii Bidok	ptvcanthum			
Hairy	Solanum			
,	sarrachoides			
Pigweeds				
Redroot	Amaranthus			
	retroflexus			
Smooth	Amaranthus			
	hybridus			
Spiny	Amaranthus			
Amaranth	spinosus			
Tumble	Amaranthus albus			
Prickly Sida (Teaweed)	Sida spinosa			
Puncturevine	Tribulus terrestris			
Purslane,	Portulaca			
Common	oleracea			
Radish, Wild	Raphanus			
	raphanistrum			
Redmaids	Calandrinia ciliata var. menziessii			

Table 1. Broadleaf Weeds Controlled by Residual Activity of ENCOMPASS Herbicide (continued)

BROADLEAF WEED SPECIES

SECTION A

COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	SOIL TYPE	ENCOMPASS HERBICIDE RATE
Shepherd's- purse Smallflower Morningglory Spotted Spurge Venice Mallow	Capsella bursa- pastoris Jacquemontia tamnifolia Euphorbia maculata Hibiscus	Up to 5%	All Soil Types	2 oz/A

SECTION B

All weeds listed in Section A plus:

All weeds listed in Section A plus:					
COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	SOIL TYPE	ENCOMPASS HERBICIDE RATE	
Coffee Senna	Cassia occidentalis	Up to 3%	All Soil Types	2.5 oz/A Soybean	
Common Ragweed¹ False Chamomile Florida Beggarweed Golden Crownbeard Hairy Indigo Hemp Sesbania Jimsonweed Kochia Morning- glories² Entireleaf	Ambrosia artemisiifolia Tripleurospermum maritima Desmodium tortuosum Verbesina encelioides Indigofera hirsuta Sesbania exaltata Datura stramonium Kochia scoparia	3 to 5%	Coarse and Medium Soils: (sandy loam, loamy sand, loam, silt, sandy clay, sandy clay, clay loam)	2.5 oz/A Soybean	
lvyleaf Red/Scarlet	integriuscula Ipomoea hederacea Ipomoea	3 to 5%	Fine Soils: (silty clay, silty clay	3 oz/A Soybean	
Tall	coccinea Ipomoea purpurea		loam, clay, clay		
Mustard, Wild Palmer Amaranth	Brassica kaber Amaranthus palmeri		loam)		

(continued)

Table 1. Broadleaf Weeds Controlled by Residual Activity of ENCOMPASS Herbicide (continued)

BROADLEAF WEED SPECIES SECTION R

SECTION D				
All weeds lister	d in Section A plus:			
COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	SOIL TYPE	ENCOMPASS HERBICIDE RATE
Spurred Anoda	Anoda cristata	Up to 3%	All Soil Types	2.5 oz/A Soybean
Tropic Croton Waterhemps¹ Common Tall Wild Poinsettia	Croton glandulosus Amaranthus rudis Amaranthus tuberculatus Euphorbia heterophylla	3 to 5%	Coarse and Medium Soils: (sandy loam, loamy sand, loam, silt-loam, silt, sandy clay, sandy clay loam)	2.5 oz/A Soybean
		3 to 5%	Fine Soils: (silty clay, silty clay loam, clay, clay loam)	3 oz/A Soybean

¹A postemergence herbicide, such as Cobra® Herbicide, Phoenix™ Herbicide or glyphosate (Roundup Ready® soybeans only) may be needed following a preemergence application of ENCOMPASS Herbicide to adequately control common ragweed or waterhemp in soybean fields with heavy pressure.

Morningglory species are not adequately controlled on fine soils or soils with greater than 3% organic matter.

Table 2. Weeds Suppressed by Residual Activity of ENCOMPASS Herbicide

	BROADLEAF WEED SPECIES			OUNCES
	COMMON NAME	SCIENTIFIC NAME	ORGANIC MATTER	PER ACRE
	Bristly Starbur	Acanthospermum hispidum	Up to 5%	2 to 3
	Copperleaf, Hophornbeam	Acalypha ostryifolia		
	Ragweed, Giant	Ambrosia trifida		
	Russian Thistle	Salsola iberica		
	Smartweeds Ladysthumb	Polygonum persicaria		
	Pennsylvania	Polygonum		
	· omiojivama	pensylvanicum		
	Smellmelon	Cucumis melo		
	Velvetleaf	Abutilon theophrasti		
	Wild Buckwheat	Polygonum convolvulus		
	Wormwood, Biennial	Artemisia biennis		
	GRASS WEED SPECIES			
	Barnyardgrass	Echinochloa crus-galli	Up to 5%	2 to 3
4	Bluegrass, Annual	Poa annua		
	Crabgrass, Large	Digitaria sanguinalis		
N	Foxtail, Giant	Setaria faberi		
_	Goosegrass Lovegrass, California	Eleusine indica Eragrostis diffusa		
	Panicums	Liagiosus ulliusa		
	Fall	Panicum		
1		dichotomiflorum		
	Texas	Panicum texanum		
1	Ryegrass, Italian	Lolium multiflorum		
	Signalgrass, Broadleaf	Brachiaria platyphylla		
	Cheat	Bromus secalinus	Up to 5%	1.5 to 3
	Downy Brome	Bromus tectorum		

DIRECTIONS FOR USE IN FALL AND SPRING PREPLANT BURNDOWN AND FALLOW SEEDBED PROGRAMS IN SOYBEAN (Preemergence to Crop)

RESTRICTIONS AND LIMITATIONS

- · Do not apply to frozen or snow covered soil.
- Do not perform any tillage operation after application or residual weed control will be reduced.
- Observe all rotational intervals prior to planting as listed in the "ROTATIONAL RESTRICTIONS" table.

FALL BURNDOWN AND FALLOW SEEDBED PROGRAMS

ENCOMPASS Herbicide, at 2 to 4 oz/A can be used in the fall to provide residual weed control in fields that will be planted in the following spring with soybean (refer to Rotational Restrictions table for rates and rotational intervals prior to planting). Weeds controlled by residual activity are listed in Table 1 (sections A and B), Broadleaf Weeds Controlled by Residual Activity with ENCOMPASS Herbicide and Table 3, Weeds Controlled by Fall and Spring Preplant Burndown Programs. If weeds have emerged at the time of application, use ENCOMPASS Herbicide in combination with a labeled burndown herbicide. Application must be made no earlier than October 15 in

Region 2 or November 15 in Region 1 or when soil temperature falls below 50°F at a 2 inch depth to maintain residual weed control into the spring (April 1 in Region 1 and May 1 in Region 2) or up until planting, whichever comes first, ENCOMPASS Herbicide can be used in a fall burndown or fallow seedbed program outside of Regions 1 and 2, however the length of residual control may be variable.

Abnormally warm or wet winters will reduce the length of weed control observed in the spring.

Fall Application Regions: Region 1: Kentucky

Region 2: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota and Wisconsin

Weeds controlled by postemergence or residual activity are listed in Table 3 Preplant burndown treatment tank mixes and rates are:

Herbicide	Rate
Program 1 ¹	
ENCOMPASS Herbicide Plus	2 to 3 oz/A
Glyphosate Plus	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of Roundup Original®)
2,4-D LVE (2,4-D for use on preplant soybeans only) Plus	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of 2,4-D 4 LVE)
NIS + AMS	0.5% v/v + 17 lbs/100 gals of water
or	

••	
Program 2 ¹	
ENCOMPASS Herbicide Plus	2 to 3 oz/A
Glyphosate Plus	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of Roundup Original)
COC ² or NIS + AMS	1 pt/A or 0.5% v/v + 17 lbs/100 gals of water

or

Program 3 ¹	
ENCOMPASS Herbicide Plus	2 to 3 oz/A
2,4-D LVE (2,4-D for use on preplant soybeans only) Plus	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of 2,4-D 4 LVE)
COC ²	1 pt/A

Dicamba (Banvel®), at 0.188 lb ai/A (6 fl oz/A of Banvel 4) can be added to Programs 1, 2 & 3 to assist in the control of emerged broadleaves. Refer to dicamba label for rotational restrictions.

Table 3. Weeds Controlled by Fall and Spring Preplant Burndown Programs

WEEDS CONTROL	POSTEMERGENCE				
COMMON	SCIENTIFIC	1	2	Program 3	DUAL
NAME	NAME	We	eeds 3 inc	hes or les	s
Chamomile, False	Matricaria maritime	Yes	Yes	No	Yes
Cheatgrass	Bromus tectorum	Yes	Yes	No	Yes
Chickweed, Common	Stellaria media	Yes	Yes	No	Yes
Chickweed, Mouseear	Cerastium vulgatum	Yes	Yes	No	Yes
Cockle, White	Silene latifolie	No	Yes	Yes	Yes
Dandelion	Taraxacum officinale	Yes	No	Yes ²	Yes
Deadnettle, Purple	Lamium purpureum	Yes	Yes	Yes	Yes
Groundsel, Cressleaf	Senecio glabellus	Yes	Yes	-	Yes
Henbit	Lamium amplexicaule	Yes	Yes	Yes	Yes
Kochia	Kochia scoparia	Yes	Yes	Yes	Yes
Marestail/ Horseweed	Conyza canadensis	Yes	Yes ³	Yes	Yes
Mallow, Common	Malva Neglecta	Yes	Yes	No	Yes
Prickly Lettuce	Lactuca serriola	Yes	Yes	Yes	Yes
Wormwood, Biennial	Artemisia biennis	Yes	Yes	Yes	Yes
		We	eds 12 inc	ches or le	ss
Canola, Volunteer	Brassica napus	Yes	Yes	Yes	Yes
Carolina Geranium	Geranium carolinianum	Yes	Yes	Yes	-
Eveningprimrose, Cutleaf ⁴	Oenothera laciniata	Yes	Yes	Yes	Yes
Flixweed	Descurainia sophia	Yes	Yes	Yes	Yes
Mustard, Tansy	Descurainia pinnata	Yes	Yes	Yes	Yes
Mustard, Wild	Brassica kaber	Yes	Yes	Yes	Yes
Shepherd's- purse	Capsella bursa- pastoris	Yes	Yes	Yes	Yes

¹ Refer to glyphosate and/or 2,4-D labels for additional weeds controlled and rotational restrictions.

²Crop oil concentrate has been found to increase glyphosate burndown of emerged cutleaf evening primrose and Carolina geranium.

² 1 lb ai/A of 2,4-D LVE (equivalent to 2 pt/A of 2,4-D 4 LVE) should be

used for control of emerged dandelion.

- ³ Program 2 will not control emerged glyphosate resistant marestail/ horseweed
- ⁴ Program 1 should be used to control cutleaf eveningprimrose that are nearing 12 inches in height or are past the rosette stage. Programs 2 or 3 should be used to control cutleaf evening primrose that are 12 inches or less and in the rosette stage.

SPRING BURNDOWN PROGRAMS

ENCOMPASS Herbicide can be used in combination with labeled preplant burndown herbicides to assist in the postemergence burndown of emerged weeds and provide residual weed control prior to crop emergence. Weeds controlled by residual activity are listed in Table 1.

No-till planters that incorporate the soil during planting may result in decreased weed control in the row. Apply ENCOMPASS Herbicide after planting soybeans when these types of planters are used (within 3 days after planting soybeans and before the crop emerges).

ENCOMPASS Herbicide can be used at 1 to 3 oz/A with labeled preplant burndown herbicides to enhance the speed of burndown and increase weed spectrum.

ENCOMPASS Herbicide can be used at 1 to 3 oz/A in soybean burndown programs. See "DIRECTIONS FOR USE IN SOYBEAN" for more information.

DIRECTIONS FOR USE IN SOYBEAN

RESTRICTIONS AND LIMITATIONS

 Do not apply more than 3 oz of ENCOMPASS Herbicide per acre during a single growing season.

- during a single growing season.

 Do not tank mix ENCOMPASS Herbicide with acetochlor (Warrant®), alachlor (Micro-Tech®), flufenacet (Axiom®, Domain®), metolachlor (Dual® Magnum, Dual® II Magnum, Boundary®) or dimethenamid (Frontier® or Outlook®) within 14 days of planting soybeans, unless soybeans are planted under no-till or minimum tillage conditions on wheat stubble or no-till field corn stubble.
- Do not irrigate when soybeans are cracking.
- Do not graze treated field or feed treated hay to livestock.

TIMING TO SOYBEANS

ENCOMPASS Herbicide may be applied to soybeans prior to planting or preemergence (after planting). Preemergence application of ENCOMPASS Herbicide must be made within 3 days after planting and prior to soybean emergence. Application after the soybeans have begun to crack, or are emerged, will result in severe crop injury. Application should not be made when soybeans have begun to crack. Select ENCOMPASS Herbicide rate from Table 1 according to anticipated weed spectrum.

TIMING TO WEEDS

Burndown – Preemergence to Soybeans, Postemergence to Weeds ENCOMPASS Herbicide, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds where soybeans will be planted directly into a stale seedbed, cover crop or in previous crop residues. For control of emerged weeds, choose the most appropriate tank mix partner from Table 4. Apply ENCOMPASS Herbicide with ground equipment before planting, during planting or within 3 days after planting, but before the crop emerges. To ensure thorough coverage, use a minimum of 15 gals of spray solution per acre. Refer to tank mix partner's label for rec-

ommended application pressure. All ENCOMPASS Herbicide tank mixes applied to assist in the control of emerged weeds must be applied with crop oil concentrate or methylated seed oil at 1 to 2 pt/A or a non-ionic surfactant at 0.25% v/v.

INCREASING SPEED OF GLYPHOSATE BURNDOWN ACTIVITY

ENCOMPASS Herbicide, at rates as low as 1 oz/A, may be tank mixed with glyphosate (Roundup®) to increase the speed of burndown activity compared to glyphosate applied alone. Residual weed control will not be provided at rates lower than 2 oz/A; however, suppression of the weeds in Table 2, may occur at ENCOMPASS Herbicide rates as low as 1 oz/A.

TANK MIXES

ENCOMPASS Herbicide may be tank mixed with the herbicides listed in Table 4 for increased burndown activity, additional residual broadleaf and/or additional grass control. Refer to tank mix partner's label for adjuvant recommendations.

Table 4. Tank Mix Partners for Control of Emerged Weeds in Reduced Tillage Soybeans

TANK MIX PARTNER	TARGET WEEDS ¹
2,4-D LVE	Marestail Giant Ragweed Dandelion
paraquat	Annual Grasses Henbit
glyphosate	General Burndown
Select Max®	Annual Grasses
Scepter® 70 DG	Cocklebur Common Sunflower
Weedmaster®	Marestail Giant Ragweed Dandelion

¹ Refer to tank mix product labels for specific recommendations for control of emerged weeds present.

ADDITIONAL RESIDUAL BROADLEAF CONTROL

ENCOMPASS Herbicide can be tank mixed with metribuzin, Firstrate®, Lorox®, Pursuit® Plus, Python®, Squadron®, Scepter or Steel® for additional broadleaf control.

ADDITIONAL RESIDUAL GRASS CONTROL

ENCOMPASS Herbicide can be tank mixed with pendimethalin or Command® for additional grass control. Tank mixes with flufenacet (Axiom or Domain), metolachlor (Dual products or Boundary), dimethenamid (Frontier or Outlook) or alachlor (Micro-Tech or IntRRo®), may result in severe injury to soybeans when application is followed by prolonged periods of cool wet weather and should not be used with ENCOMPASS Herbicide, unless supplemental labeling, provided by TENKOZ, Inc., is followed.

ROUNDUP READY PROGRAM

ENCOMPASS Herbicide may be applied as part of a burndown program or preemergence in conventional tillage programs, at 2 to 3 oz/A to reduce early season weed competition from waterhemp, velvetleaf, nightshade and morningglories as well as other weeds listed in Tables 2 and 3 in Roundup Ready programs. A sequential post emergence application of glyphosate will be required to control weeds not controlled by ENCOMPASS Herbicide.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Keep pesticide in original container.

Store in a cool, dry, secure place.

Do not put formulation or dilute spray solution into food or drink containers.

Do not contaminate food or foodstuffs.

Do not store or transport near feed or food.

Not for use or storage in or around the home.

For help with any spill, leak, fire or exposure involving this material, call day or night (800) 892-0099.

PESTICIDE DISPOSAL

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

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill.

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