



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 22, 2016

Melissa Riesland
Registration Specialist
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

Subject: Label Amendment – changing first aid, reformatting crop and weed tables, spelling corrections, updating use information, and identifying use restrictions and directions
Product Name: Vida Herbicide
EPA Registration Number: 10163-314
Application Date: 4/7/2016
Decision Number: 516048

Dear Melissa Riesland:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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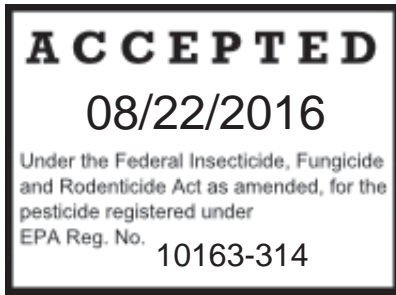
Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Nathan Mellor by phone at 703-347-8562, or via email at mellor.nathan@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft".

Erik Kraft, Acting Product Manager 24
Fungicide and Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure



GROUP	14	HERBICIDE
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Herbicide/Desiccant

A Contact Herbicide for Broadleaf Weed Control and Desiccation

ACTIVE INGREDIENT:

Pyraflufen ethyl: ethyl 2-chloro-5-(4-chloro-5-difluoromethoxy-1-methyl-1H-pyrazol-3-yl)-4-fluorophenoxyacetate 2.5%

OTHER INGREDIENTS*:..... 97.5%

TOTAL 100.0%

Contains 0.208 lb. pyraflufen ethyl per gallon (25 grams per liter)

*contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Immediately hold eye 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 eye. • Call a poison control center or doctor for treatment advice
IF SWALLOWED	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE 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 1-888-478-0798 for emergency medical treatment information. In case of fire or spills, information may be obtained by calling 1-800-424-9300.	
NOTE TO PHYSICIAN	
Contains petroleum distillates – vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - PELIGRO**

Corrosive. Causes irreversible eye damage. Do not get in eye, on skin, or on clothing. Harmful if swallowed. Harmful if absorbed through skin.

NET CONTENTS: _____ GALLONS

EPA Reg. No. 10163-314
EPA Est. No.



Produced For:
Gowan Company
P.O. Box 5569
Yuma, Arizona 85366-5569

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant (such as nitrile or butyl) gloves
- Shoes plus socks
- Goggles or face shield
- For overhead exposure, wear chemical resistant headgear

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users must:

- 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.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. This product may contaminate water through drift of spray in wind or via runoff events. Use care when applying in areas adjacent to any body of water. 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 washwater or rinsate. Do not apply when weather conditions favor drift from treated areas. Do not apply if rainfall is expected within one hour.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a 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:

- Coveralls
- Chemical resistant (such as nitrile or butyl) gloves
- Shoes plus socks
- Protective eyewear

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 Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, or greenhouses. For other uses, including interiorscapes and other non-agricultural uses, do not enter treated areas without protective clothing until sprays have dried.

USE INFORMATION

Vida is designed for use as a contact herbicide for broadleaf weed control, and desiccation and requires thorough coverage for complete weed control and desiccation.

Vida must be tank mixed with another foliar active broadleaf herbicide for complete control of most broadleaf weeds.

Vida is rainfast within one hour after application.

USE RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- Refer to specific crop use restrictions in each crop section.

WEEDS CONTROLLED

The following broadleaf weed species can be controlled or suppressed up to 4 inches in height or less, or rosettes of 3 inches in diameter or less, by applications of Vida when tank mixed with another foliar broadleaf herbicide. Use the listed higher rates and spray volumes for hard to control weeds such as Kochia and larger weeds (4" tall). Control may be reduced with weeds larger than 4 inches tall. Over wintered and established perennials require Vida to be tank mixed with a systemic herbicide for adequate control. Tank mixtures of Vida with other labeled broadleaf herbicides is required for control of some weed species.

Amaranth, Palmer	Dock, curly	Marestail (suppression)	Poinsettia, wild	Sowthistle, annual
Bedstraw	Dollarweed	Milk thistle	Poison-ivy	Spurge, leafy
Beggartick, hairy	Eclipta	Morning glory, species	Prickly Sida (Teaweed)	Sunflower, common
Beggarweed, Florida	Evening primrose, cutleaf	Mustard, wild	Purslane, common	Tansymustard, western
Bindweed, field (suppression)	Geranium, Carolina	(suppression)	Radish, wild	Teaweed
Buckwheat, wild	Henbit	Nettle, stinging	Ragweed, common	Thistle, Russian
Canola	Horsenettle (suppression)	Nightshade, black	Ragweed, giant	Toadflax, Dalmatian
Carpetweed	Knotweed, prostrate	Nightshade, cutleaf	Redmaid	Velvetleaf
Celery, wild	Kochia	Nightshade, hairy	Rocket, London	Virginia-creeper
Chickweed	Ladysthumb	Panicle Willowweed	Sesbania, hemp	Volunteer Cotton
Chickweed, common	Lambsquarters, common	Pepperweed	Shepherd's-purse	(Conventional, GMO
Clover, white	Lettuce, prickly	Pigweed, redroot	Sicklepod (suppression)	Varieties)
Cocklebur	Mallow, common	Pigweed, smooth	Smartweed, Pennsylvania	Waterhemp, common
Dandelion, common	Malva	Pineapple weed	Smellmelon	Waterhemp, tall

Tank mixtures of Vida with 2,4-D or glyphosate will provide enhanced control of the following weed species:

Tank mixtures with Vida + 2, 4-D		Tank mixtures with Vida + glyphosate		
Bindweed, field	Mustard, wild	Bindweed, field	Morning glory	Sowthistle, annual
Buckwheat, wild	Poison-ivy	Dandelion, common	Poison-ivy	Tansymustard, western
Groundsel, cressleaf	Shepherd's purse	Evening primrose, cutleaf	Purslane, common	Thistle, Canadian
Chickweed, common	Tansymustard, western	Geranium, Carolina	Radish, wild	(suppression)
Dandelion, common	Thistle, Canadian	Groundsel, cressleaf	Rocket, London	Thistle, Russian
Kochia	(suppression)	Horsenettle (suppression)	Shepherd's purse	Virginia-creeper
Marestail	Thistle, Russian	Lamsquarters, common		Waterhemp, common
	Waterhemp, common			Waterhemp, tall
	Waterhemp, tall			

TANK MIXTURES

Vida must be applied as a tank mix or in sequential application with other harvest aid, herbicide, fungicide, or insecticide products. Weather, crop conditions, or the presence of certain weeds, crop damaging insects, or diseases will indicate the inclusion of other pesticides in the defoliation or desiccation application. Apply with grass herbicides if grassy weeds are present.

Read and follow all label directions for each tank mix product. Always use in accordance with the most restrictive of label precautions and limitations.

Note: It is recommended that the compatibility of Vida in any tank mix combination be tested before use. To determine the physical compatibility with other products, use a jar test, as described below:

Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

For optimum tank mix performance, addition of a spray tank adjuvant is recommended. Use nonionic surfactants (NIS) at a rate of 0.25% and crop oil concentrate (COC) at a rate of 1.0% to 2.0% is recommended for optimum weed control. Use the higher COC rate for larger labeled weed species or in low moisture conditions.

MIXING DIRECTIONS

Add 1/2 to 3/4 of the required amount of water to the spray tank. Start agitation. Add the required amount of Vida and the remaining amount of water. Mix only as much spray solution as can be sprayed within four hours. Storage and use of the previous day's spray mix may result in reduced activity.

Use an approved agricultural buffering agent buffering to pH 5.0 or less if using Vida in a water source of \geq pH 5.0. Always buffer the water source BEFORE adding Vida herbicide to the spray tank.

SPRAY DRIFT

Avoid spray drift to all other crops and nontarget areas. Do not apply when weather conditions may cause drift. Do not allow this product to drift onto nontarget areas. Drift may result in illegal residues or injury to adjacent crops and vegetation, in the form of leaf yellowing and defoliation. To avoid spray drift, DO NOT apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions. Use of larger droplet size will also reduce spray drift.

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

The interaction of equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making decisions. Droplet size, boom height, and wind speed are the primary factors determining drift. The specific application conditions required for the use of this product are described below.

Information on Droplet Size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

Controlling Droplet Size

Volume – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure – 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.

Number of Nozzles – Use the minimum number of nozzles that provide uniform coverage.

Nozzle Orientation – Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

Maintenance of Nozzles – Periodic inspection and subsequent replacement of nozzles to ensure proper chemical application is recommended.

Boom Length

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan or rotor length may further reduce drift without reducing swath width.

Application Height

Applications must not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance will increase, with increasing drift potential (higher wind, smaller drops, etc.)

Wind

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Application must be avoided below 2 mph due to variable wind direction and high inversion potential.

Note: Local terrain can influence wind patterns. Every applicator must be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

Applications must not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light and variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas

The pesticide must only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

EQUIPMENT CLEANING

Do not allow the spray solution to dry in the application equipment. After application and before using the sprayer equipment for any other applications, the sprayer must be thoroughly cleaned. Applicators must ensure proper equipment clean-out for any other products mixed with Vida as provided on the other product label(s). Immediately following application, clean all equipment thoroughly with detergent or a spray tank cleaner and water as described below. If residues of Vida remain in inadequately cleaned equipment, they may be released in subsequent applications and cause injury to crops.

1. Drain sprayer tank, hoses, and spray boom and thoroughly rinse with clean water the inside of the spray tank, sprayer hoses, boom, and nozzles to remove any sediment or residues.
2. Fill the tank 1/2 full with clean water, add the appropriate detergent (follow manufacturer’s directions for use). Fill tank to capacity and operate the sprayer with agitation for 15 minutes to flush hoses, boom, and nozzles.
3. Drain the sprayer tank, lines, and booms. Rinse the tank with clean water and flush through the hoses, boom, and nozzles. Remove and clean spray nozzles, tips, and screens.
4. Dispose of all cleaning solutions, rinsate, and washwaters in accordance with Federal, state, and local regulations.

ROTATIONAL CROP RESTRICTIONS

Do not plant rotational crops, other than those listed in the table below, for 30 days following the last application of Vida Herbicide/Desiccant.

Crop/Crop Group	Rotational Intervals	Crop/Crop Group	Rotational Intervals	Crop/Crop Group	Rotational Intervals
Corn Cotton Grapes Olives Pome Fruit - (Crop Group 11) Pomegranates Potatoes Soybeans Stone Fruit - (Crop Group 12) Tree Nuts - (Crop Group 14) Wheat, Triticale	No Interval – 0 Days	Bulb Vegetables - (Crop Group 3) Cereal Grains - (Crop Group 15 except corn, wheat, and triticale- see no plantback restriction) Cole Crops - (Crop Group 5) Cucurbits - (Crop Group 9) Fruiting Vegetables - (Crop Group 8) Leafy Vegetables - (Crop Group 4) Legumes - (Crop Group 6) Oil Seeds - (Crop Group 20) Root and Tuber Vegetables - (Crop Group 1 except potatoes- see no plantback restriction) Sugarcane	1 Day Following Application	All Other Crops/Crop Groups Not Listed	30 Days Following Application

APPLICATION AND DOSAGE

CROP	APPLICATION	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
<p>FALLOW (chem fallow, fallow beds, crop stubble)</p>	<p>Preplant Burndown</p>	<p>0.5 to 2.0 fl oz/A plus other labeled herbicides</p>	<ul style="list-style-type: none"> • This product may be applied to fallow land, fallow land in preparation for planting, or postharvest to crop stubble. • Apply in a minimum of 5 gallons water per acre by air or 10 gallons water per acre by ground. • Refer to the "TANK MIXTURES" section of this label for adjuvant information. • Do not make more than 3 applications or exceed 5.5 fl oz/A per year. • Allow a minimum of 30 days between applications. • For crops not listed on this label, applications must be made at least 30 days prior to planting. • Thorough, uniform spray coverage is essential for product efficacy.
<p>CORN (including herbicide tolerant corn), field corn, popcorn, seed corn, corn silage, corn stover</p>	<p>USE RESTRICTIONS AND DIRECTIONS FOR ALL CORN USES</p> <ul style="list-style-type: none"> • Do not harvest corn for silage within 50 days after last application of Vida. • Do not harvest corn for grain or stover within 90 days of last Vida application. 		
	APPLICATION	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
	<p>Preplant Burndown</p>	<p>0.5 to 2.0 fl oz/A Plus other labeled herbicides</p>	<ul style="list-style-type: none"> • Apply in a minimum of 5 gallons water per acre by air or 10 gallons water per acre by ground. • Do not make more than 3 applications or exceed 5.5 fl oz/A per year for preplant burndown uses. • Allow a minimum of 30 days between applications. • Refer to the "TANK MIXTURES" section of this label for adjuvant information.
	<p>At Planting, After Planting Before Crop Emergence</p>		<ul style="list-style-type: none"> • Apply in a minimum of 5 gallons water per acre by air or 10 gallons water per acre by ground. • Do not apply more than 2.0 fl oz/A per year after planting prior to crop emergence. • Allow a minimum of 30 days between applications. • Refer to the "TANK MIXTURES" section of this label for adjuvant information.
	<p>Postemergence (not for use on sweet corn)</p>	<p>0.5 to 1.0 fl oz/A at the VE to V4 stage of growth (approximately 12 inches tall) + tank mix partner or non-selective herbicide</p>	<ul style="list-style-type: none"> • Apply in a minimum of 5 gallons water per acre by air or 10 gallons water per acre by ground. • Allow a minimum of 30 days between applications. • Do not make more than 2 applications or exceed 1.0 fl oz/A per year for this use. • Do not use crop oils or crop oil concentrates for postemergence application. • Some temporary herbicidal symptoms such as leaf speckling or small discolored or necrotic spotting may appear on the crop, depending on environmental conditions, or if the crop is under stress.
<p>Postemergence Directed (not for use on sweet corn)</p>	<p>0.5 to 1.0 fl oz/A from crop emergence to the V8 growth stage</p>	<ul style="list-style-type: none"> • Use a directed spray or a drop nozzle application technique. Directed or drop nozzle applications must only be made when the corn has achieved a sufficient height for the spray to be directed beneath the corn leaves. • Do not apply Vida herbicide directly into the whorl when making a directed or drop nozzle application. • Do not make more than 2 applications or exceed 1.0 fl oz/A per year for this use. • Do not use crop oils or crop oil concentrates for postemergence applications. • Some temporary herbicidal symptoms such as leaf speckling or small discolored or necrotic spotting may appear on the crop, depending on environmental conditions, or if the crop is under stress. • Allow a minimum of 30 days between applications. 	

COTTON (including herbicide tolerant cotton)	USE RESTRICTIONS AND DIRECTIONS FOR ALL COTTON USES		
	<ul style="list-style-type: none"> Do not apply more than 8.5 fl oz/A annually to cotton. Refer to the "TANK MIXTURES" section of this label for adjuvant information. Pre-Harvest Interval (PHI): 7 days 		
	APPLICATION	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
	Preplant Burndown, At Planting, After Planting Before Crop Emergence	0.5 to 2.0 fl oz/A Plus other labeled herbicides	<ul style="list-style-type: none"> Apply in a minimum of 5 gallons of water per acre by air or 10 gallons water per acre by ground. Do not apply more than 2.0 fl oz/A per year for this use. Allow a minimum of 30 days between applications.
Postemergence Weed Control	1 to 2 fl oz/A	<ul style="list-style-type: none"> Do not apply by air. Apply in 20 to 30 gallons of water per acre by ground. Apply to cotton with less than 3 inches of stem bark using hooded ground equipment only. Contact to crop may cause girdling of plants, crop damage, and or loss of yield. Do not exceed 2 fl oz/A per year for this use pattern. Allow a minimum of 30 days between applications. 	
	0.5 to 2 fl oz/A in tank mixtures with other labeled herbicides		
Postemergence Layby	0.5 to 1.0 fl oz/A in tank mixture with other labeled herbicides	<ul style="list-style-type: none"> Do not apply by air Do not apply more than 1 fl oz/A per year with this use pattern. Allow a minimum of 30 days between applications. Apply when the cotton has attained an average height of 18 inches or more and has at least 3 inches of stem bark using hooded or post-directed ground spray equipment only. Contact to crop may cause girdling of plants, crop damage, and or loss of yield. 	
POTATO	USE RESTRICTIONS AND DIRECTIONS FOR ALL POTATO USES		
	<ul style="list-style-type: none"> Do not apply more than 11 fl oz/A annually for all preplant burndown, after planting prior to emergence, and desiccation applications combined. Pre-Harvest Interval (PHI): 7 days. 		
	APPLICATION	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
Preplant Burndown, At Planting, After Planting Before Crop Emergence	0.5 to 2.0 fl oz/A Plus other labeled herbicides	<ul style="list-style-type: none"> Apply in a minimum of 5 gallons water per acre by air or 10 gallons water per acre by ground. Do not apply more than 2.0 fl oz/A per year for all preplant burndown or after planting before crop emergence applications. Allow a minimum of 30 days between applications. Refer to the "TANK MIXTURES" section of this label for adjuvant information. 	
Desiccation	2.0 to 5.5 fl oz/A in tank mix with other desiccant	<ul style="list-style-type: none"> Apply as a foliar spray in the early stage of crop senescence. Apply in 5 gallons per acre by air or 20 to 50 gallons per acre by ground equipment. A repeat application of Vida herbicide or another desiccant may be needed under certain climatic conditions for complete desiccation. High temperatures and sunlight following application generally will enhance performance and improve speed of desiccation. Vida must be tank mixed or applied in sequence with other desiccant products such as diquat or glufosinate for improved desiccation. Make 1 to 2 applications using ground equipment at a minimum 7 day interval. Do not make more than 2 applications or exceed 11 fl oz/A per year for potato desiccation. NOTE: The annual maximum is 11 fl oz/A for all applications (preplant burndown + after planting before crop emergence + desiccation) Adequate desiccation is generally achieved within 14 days after the initial treatment is applied. Higher water volumes must be used in dense canopy conditions. 	
	5.5 fl oz/A alone		

SOYBEAN (including herbicide tolerant soybeans)	USE RESTRICTIONS AND DIRECTIONS FOR ALL SOYBEAN USES		
	<ul style="list-style-type: none"> • Apply in a minimum of 5 gallons of water per acre by air or 10 gallons water per acre by ground. • Refer to the "TANK MIXTURES" section of this label for adjuvant information. • Do not apply more than 3.0 fl oz/A annually to soybeans. • Do not graze soybean forage or cut for hay within 7 days of last Vida application. • Do not harvest soybeans for grain within 70 days of last Vida application. 		
	APPLICATION	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
	Preplant Burndown, At Planting, After Planting Before Crop Emergence	0.5 to 2.0 fl oz/A Plus other labeled herbicides	<ul style="list-style-type: none"> • Do not apply more than 2.0 fl oz/A per year for all preplant burndown and after planting before emergence applications. • Allow a minimum of 30 days between applications.
Postemergence	0.5 to 1.0 fl oz/A at emergence to V6 stage of growth + tank mix partner	<ul style="list-style-type: none"> • Allow a minimum of 30 days between applications. • Do not make more than 2 applications or exceed 1.0 fl oz/A per year for this use. • Do not use crop oils or crop oil concentrates for postemergence application. • Some temporary herbicidal symptoms such as leaf speckling or small discolored or necrotic spotting may appear on the crop, depending on environmental conditions, or if the crop is under stress. 	
WHEAT, TRITICALE	USE RESTRICTIONS AND DIRECTIONS FOR ALL WHEAT USES		
	<ul style="list-style-type: none"> • Apply in a minimum of 5 gallons water per acre by air or 10 gallons water per acre by ground. • Refer to the "TANK MIXTURES" section of this label for adjuvant information. • Do not harvest wheat or triticale for hay within 21 days of last Vida application • Do not harvest wheat or triticale for grain within 60 days after last Vida application. 		
	APPLICATION	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
	Preplant Burndown	0.5 to 2.0 fl oz/A Plus other labeled herbicides	<ul style="list-style-type: none"> • Do not make more than 3 applications or exceed 5.5 fl oz/A per year for preplant burndown uses. • Allow a minimum of 30 days between applications.
At Planting, After Planting Before Crop Emergence		<ul style="list-style-type: none"> • Do not apply more than 2.0 fl oz/A per year after planting prior to crop emergence. • Do not apply more than 3.0 fl oz/A per year for all after planting before crop emergence and postemergence uses. • Allow a minimum of 30 days between applications. 	
Postemergence	0.5 to 1.0 fl oz/A	<ul style="list-style-type: none"> • Vida can be applied from crop emergence to the appearance of the flag leaf. Do not apply Vida to flag leaf foliage. • Allow a minimum of 30 days between applications. • Do not make more than 2 applications or exceed 1.0 fl oz/A per year for this use. • Do not apply more than 3.0 fl oz/A per year for all after planting before crop emergence and postemergence uses. • The addition of a NIS adjuvant at a concentration of 0.25% is recommended for optimum weed control. • For crops listed on this label, applications must be made at least 30 days prior to planting. • Some temporary herbicidal symptoms such as leaf speckling or small discolored or necrotic spotting may appear on the crop, depending on environmental conditions, or if the crop is under stress • Use of Vida with products containing bromoxynil may cause significant foliar injury. 	

CROP	APPLICATION	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
<p>Root and Tuber Vegetables (Crop Group 1) <i>arracacha, arrowroot, Chinese and Jerusalem artichoke, garden beet, sugar beet, edible burdock, edible canna, carrot, bitter and sweet cassava, celeriac, chayote root, chervil root, chicory, chufa, dasheen, ginger, ginseng, horseradish, leren, parsley, parsnip, radish, daikon, rutabaga, salsify, skirret, sweet potato, tanier, turmeric, turnip, yam bean, true yam</i></p> <p>Bulb Vegetables (Crop Group 3) <i>garlic, elephant garlic, leek, dry bulb, green and Welch onion, shallot</i></p> <p>Leafy Vegetables (Crop Group 4) <i>amaranth, arugula, cardoon, celery, Chinese celery, celtuce, chervil leaf, edible-leaved chrysanthemum, corn salad, garden cress, upland cress, dandelion, dock, endive, fennel, lettuce, orach, parsley, purslane, radicchio, rhubarb, spinach, Swiss chard</i></p> <p>Cole (Brassica) Crops (Crop Group 5) <i>broccoli, Chinese broccoli, broccoli raab, Brussels sprouts, cabbage, Chinese cabbage (bok choy and Napa), Chinese mustard cabbage, cauliflower, cavalo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens</i></p> <p>Legume Vegetables (Crop Group 6) <i>beans (including grain lupin, sweet lupin, white lupin, white sweet lupin), field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean, adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean, broad bean, chickpea, guar, jackbean, lablab bean, lentil, dwarf pea, edible-podded pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea, pigeon pea, sword bean</i></p> <p>Fruiting Vegetables (Crop Group 8) <i>eggplant, groundcherry, pepino, pepper (including bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, tomato</i></p> <p>Cucurbits (Crop Group 9) <i>chayote fruit, Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd, balsam apple, balsam pear, bittermelon, Chinese cucumber, muskmelons (including cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon), pumpkin, winter and summer squash species, watermelon</i></p> <p>Cereal Grains (Crop Group 15) <i>barley, buckwheat, corn, pearl and proso millet, oats, popcorn, rice, rye, sorghum, teosinte, wild rice</i></p> <p>Oil Seed Crops (Crop Group 20) <i>borage, calendula, castor oil plant, Chinese tallowtree, cottonseed, crambe, cuphea, echium, euphorbia, evening primrose, flax seed, gold of pleasure, hare's ear mustard, jojoba, lesquerella, lunaria, meadowfoam, milkweed, mustard seed, niger seed, oil radish, poppy seed, rapeseed (canola), rose hip, safflower, sesame, stokes aster, sunflower, sweet rocket, tallowwood, tea oil plant, vernonia</i></p> <p>Sugarcane</p>	<p>Preplant Burndown</p>	<p>0.5 to 2.0 fl oz/A plus other labeled herbicides</p>	<ul style="list-style-type: none"> • The crop groups listed on this table do not have established pesticide tolerances, therefore, applications of this product are limited to preplant burn down only. • Apply in a minimum of 10 gallons water per acre by ground or 5 gallons water per acre by air. • Refer to tank mix instructions for adjuvant information. • Do not make more than 3 applications or 5.5 fl oz/A per year. • Allow a minimum of 30 days between Vida applications. • For crops listed in this section, do not apply within 24 hours of planting. • For control of grassy weeds tank mix must include a registered graminicide or nonselective herbicide such as glyphosate, paraquat, or glufosinate.

NONCROP LAND AND UNCULTIVATED AGRICULTURAL AREAS CONSERVATION RESERVE PROGRAMS (CRP) LAND/FEDERAL SET ASIDE ACREAGE* (NON FOOD PRODUCING)	RATE/ACRE	USE RESTRICTIONS AND DIRECTIONS
	0.5 to 2.0 fl oz/A plus other labeled herbicides	<ul style="list-style-type: none"> • Apply in a minimum of 5 gallons water per acre by air or 10 gallons of water per acre by ground. • Refer to tank mix instructions for adjuvant information. • Do not make more than 3 applications or exceed 5.5 fl oz/A per year. • Allow a minimum of 30 days between applications. • Thorough, uniform spray coverage is essential for product efficacy.

* Follow federal, state and local rules for use on grass and hay

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in a cool place.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse (or equivalent) 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 reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL CHEMTREC® (800) 424-9300.

For other product information, contact Gowan Company or see Safety Data Sheet.

NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our directions for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. All such risks shall be assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.

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EPA Text Pending: Vida (to EPA 04-07-16)