



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

October 27, 2015

Nikki Yepez
Domestic Regulatory Specialist
Canyon Group, LLC
c/o Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

Subject: PRIA Label Amendment – Adding Pome Fruit Group 11-10 and Small Fruit Vine Climbing Subgroup 13-07F to Halosulfon-methyl
Product Name: GWN-3061
EPA Registration Number: 81880-2
Application Date: July 18, 2014
Decision Number: 493336

Dear Ms. Yepez:

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable under FIFRA Section 3(c)(7)(A), subject to the following conditions:

1. You must submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.
2. You are required to comply with the data requirements within the established deadlines described in the DCI identified below:

Haolsulfuron-methyl- GDCI-128721-1213

If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

http://www.epa.gov/oppsrrd1/contacts_prd.htm

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) 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.

Your release for shipment of the product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). If you have any questions, please contact Shanta Adeeb by phone at 703-347-0502, or via email at adeeb.shanta@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Dan Kenny" with a stylized flourish at the end.

Daniel Kenny, Chief
Herbicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

GWN-3061

Herbicide

GWN-3061 is a selective herbicide for control of listed broadleaf weeds and nutsedge

ACTIVE INGREDIENT:

Halosulfuron-methyl, methyl 3-chloro-5-(4,6-dimethoxypyrimidin-2-ylcarbamoyl)sulfamoyl
 -1-methylpyrazole-4-carboxylate

% BY WT.

Halosulfuron-methyl, methyl 3-chloro-5-(4,6-dimethoxypyrimidin-2-ylcarbamoyl)sulfamoyl	75.0%
-1-methylpyrazole-4-carboxylate	25.0%
OTHER INGREDIENTS	TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se las 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"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye Call poison control center or physician for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call poison control center or physician immediately 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 to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling poison control center, doctor, or going for treatment. For emergency information concerning this product, call toll free 1-888-478-0798	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing.

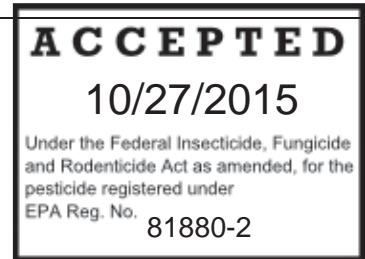
PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- 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.

ENGINEERING CONTROLS STATEMENTS: 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.

ENVIRONMENTAL HAZARDS

This product is toxic to non-target vascular plants. 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 cleaning equipment or disposing of equipment washwaters.

Halosulfuron-methyl is known to leach through soil into ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

NET CONTENTS _____ OZ



EPA Reg. No. 81880-2
 EPA Est. No.

Produced For:
 Canyon Group LLC.
 C/O Gowan Company
 PO Box 5569
 Yuma, Arizona 85364

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 gloves made of any waterproof material
- Shoes plus socks

PRODUCT INFORMATION

GWN-3061 is a dry flowable formulation that selectively controls certain broadleaf weeds and nutsedges in selected crops. GWN-3061 is effective both preemergence and postemergence. GWN-3061 can be absorbed through roots, shoots and foliage and is translocated within the plant.

WEED RESISTANCE STATEMENT

Weeds can develop resistance to herbicides. Some weed biotypes have inherent resistance to certain herbicides. Also, repeated use of herbicides with similar modes of action can result in the development of resistance in weed populations. GWN-3061, a member of the sulfonyleurea family, is an ALS enzyme inhibiting herbicide. To minimize the potential for resistance development and/or to control resistant weed biotypes, use a variety of cultural, mechanical, and chemical weed control tactics. Rotate with herbicides having different modes of action (e.g. non-ALS/AHAS materials). Contact your professional crop advisor, local cooperative extension specialist, or Canyon Group representative for additional information.

APPLICATION EQUIPMENT AND INSTRUCTIONS

Ground Applications:

GWN-3061 can be applied as a broadcast or band application. For band applications, use proportionally less spray mixture based on the area actually sprayed. Do not concentrate the band. Consult the "Application Instructions" section of this label for the rates and procedures that are appropriate for your growing region.

Apply GWN-3061 in a spray volume that ensures thorough and uniform coverage. Use of 15 or more gallons of water per acre is labeled unless otherwise directed in the "Application Instructions" section. Choose nozzles that provide optimum spray distribution and coverage to the target weed at the appropriate pressure (psi). Avoid streaking, skips, overlaps, and spray drift during application. Thoroughly clean equipment prior to mixing spray solution. Follow the clean-up procedures on the labels of applied products. If no directions are provided, follow the 6 steps outlined in the "Sprayer Tank Cleanout" section below.

Aerial Applications:

Apply this product or approved tank mixtures with properly calibrated equipment in 3 to 15 gallons of water per acre. Thoroughly clean equipment prior to mixing spray solution. Avoid streaking, skips, overlaps, and spray drift during applications.

Spray Drift Management:

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR. Do not allow this product to drift onto neighboring crops or non-crop area or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur. The interaction of many equipment – and weather – related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Where states have more stringent regulations, they must be observed.

The following spray drift management must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

The importance of spray 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 may not prevent drift if applications are made improperly or under unfavorable environmental conditions (see the following "Wind", "Temperature and Humidity", and "Temperature Inversion" sections of this advisory).

Controlling initial droplet size:

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher flow rates produce larger droplets.
- **Pressure** - Use the lower spray pressures labeled for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. 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 the spray stream is released backwards, parallel to the air stream will produce larger droplets than other orientations. Significant deflection from the 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 larger droplets than other nozzle types.

Controlling placement of spray droplets:

- **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 should not be greater than 10 feet above the top of the tallest plants unless a greater height is required for aircraft safety. Greater application heights result in greater droplet size reduction through evaporation and greater movement in air currents. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.
- **Application speed** - Slower aircraft speeds within a safe range will produce less air turbulence and fewer small droplets.
- **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 distances should increase with increasing drift potential (wind speed, droplet size, etc.).

Key environmental factors:

- **Wind** - Drift potential is the lowest between wind speeds of 2 to 10 mph. However, many factors including droplet size and equipment type determine drift potential at any given speed. Applications should be avoided when wind speeds are below 2 mph due to variable wind direction and high inversion potential. **NOTE:** Local terrain can influence wind patterns. Applicators should be familiar with local wind patterns and how they affect 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 should 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 variable air currents that are 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 detector. 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:

Pesticides should 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, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Thoroughly clean application equipment immediately after the use of GWN-3061. Prepare a tank cleaning solution that consists of a 1% 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 3/4 of the desired volume and begin agitation. Add the labeled amount of GWN-3061. 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 nonionic surfactant and other adjuvants as the last ingredients in the tank spray solutions should be applied within 24 hours after mixing.

ADJUVANTS

Nonionic Surfactant (NIS) is required in the GWN-3061 spray solution. Use an NIS which is approved by EPA for use on food crops and which contains at least 80% active ingredient. Use NIS at 0.25 to 0.5% v/v concentration (1 to 2 quarts per 100 gallons of spray solution).

Crop oil concentrate (COC) can be used with GWN-3061 instead of NIS. Do not use both NIS and COC in the spray mixture. Add COC to the spray mixture at 1% v/v concentration (1 gallon per 100 gallons of spray solution). Use only an EPA approved, high quality petroleum or vegetable-based COC which contains at least 14% emulsifiers. Refer to the specific crop use direction and restrictions before adding COC adjuvants to the spray mixture.

Methylated Seed Oils (MSO) and MSO based adjuvants can be used with GWN-3061 instead of NIS. Do not use both NIS and MSO in the spray mixture. Add MSO to the spray mixture at 1% v/v concentration (1 gallon per 100 gallon of spray solution). Use only an EPA approved high quality MSO. Refer to the specific crop use direction and restrictions before adding MSO or MSO based adjuvants to the spray mixture.

Nitrogen fertilizer may be added to the spray solution for post-emergent applications to improve the control of certain species. Apply a high quality, granular spray grade ammonium sulfate at a rate of 2 to 4 lb/A. Use of liquid AMS solution is allowed as long as the use rate selected equates to the amount of actual nitrogen applied in 2 to 4 lb of granular AMS. Another option would be to use liquid nitrogen fertilizer solution (e.g. 28-0-0) at a rate of 2 to 4 quarts/A. Do not use liquid nitrogen fertilizer solutions or suspensions as the total carrier for post-emergence applications or excessive crop injury may occur.

TANK MIXES

Unless stated in the "Application Instructions" section or allowed by supplemental labeling, tank mix combinations have not been evaluated and are the user's responsibility. It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture (For Example: First aid from one product, spray drift management from another). It is recommended that tank mixtures should be evaluated for miscibility and crop safety on a small test area prior to use. Tank mixtures should not be applied when the plants are under stress due to drought, water saturated soils, low fertility (especially low nitrogen levels) or other poor growing conditions.

SPRAYER TANK CLEANOUT

To avoid injury to desirable crops, clean all mixing and spray equipment before and immediately following applications of GWN-3061 as follows:

1. Drain tank; thoroughly rinse spray tank, boom, and hoses with clean water. Remove the nozzles and screens and clean separately in a bucket containing agent and water. Loosen and physically remove any visible deposits.
2. Fill the tank with clean water and 1 gallon of household ammonia (containing 3% ammonia) for every 100 gallons of water. Flush the hoses, boom, and nozzles with the cleaning solution. Then add more water to completely fill the tank. Circulate the cleaning solution through the tank and hoses for at least 15 minutes. Again flush the hoses, boom, and nozzles with the cleaning solution and then drain the tank.
3. Remove the nozzles and screens and clean separately in a bucket containing agent and water.
4. Repeat step 2.
5. Rinse the tank, boom, and hoses with clean water.
6. The rinsate may be disposed of on-site or at an approved disposal facility.

* Equivalent amount of an alternate strength ammonia solution can be used in the clean out procedure. Carefully read and follow the individual cleaner instructions.

USE PRECAUTIONS

- Excessive amounts of water (greater than 1 inch) from rainfall or sprinkler irrigation soon after a preemergent application may cause crop injury. This potential injury can be enhanced if seeding depth is too shallow.
- Avoid applications when rainfall is forecasted to occur within 4 hours.
- Avoid using overhead sprinkler irrigation within 4 hours after application of GWN-3061.
- GWN-3061 can cause injury or crop failure under cool and wet growing conditions that delay early seedling emergence, vigor or growth. Be especially cautious during the first planting of the season when these conditions are likely to occur.
- Use of soil or foliar-applied systemic organophosphate insecticides on GWN-3061 treated crops may increase the potential for crop injury and/or the severity of the crop injury.
- Avoid spray drift outside of targeted area.
- GWN-3061 may be applied to labeled crops (including cultivars and/or hybrids of these) and used according to labeled directions. Not all hybrids/varieties have been tested for sensitivity to GWN-3061. For untested varieties, a small amount of the field should be sprayed to determine potential sensitivity to its use.
- Thoroughly clean application equipment immediately after GWN-3061 use and prior to spraying another crop.
- Temporary yellowing or stunting of the crop may occur following GWN-3061 applications.
- Under certain environmental conditions, GWN-3061 applied over-the-top of a blooming crop may result in some bloom loss.
- Use of GWN-3061 without an adjuvant can result in reduced efficacy.

USE RESTRICTIONS

- Do not apply GWN-3061 using air assisted (air blast) field crop sprayers.
- Do not apply this product through any type of irrigation system.
- Do not apply GWN-3061 if the crop or target weeds are under stress due to drought, water saturated soils, low fertility (especially low nitrogen levels) or other poor growing conditions.
- Do not make more than the maximum number of applications per year for each crop.

FOR OPTIMUM RESULTS

Control typically occurs within 7 to 14 days depending on the weed size, species and growing conditions. Heavy weed infestations should be treated early before the weeds become too competitive with the crop. Good coverage with GWN-3061 is essential. When applying GWN-3061 follow "Weed Controlled Chart and "Application Timing" sections of the label for improved control. When adding approved adjuvant follow mixing instructions regarding adjuvant.

- For best results, wait to cultivate treated soil area for 7 to 10 days after a postemergence application of GWN-3061 unless otherwise specified (Cultivation may be necessary to control suppressed weeds, weeds that were bigger than the maximum labeled size at application, weeds that emerge after application, or weed species not on the GWN-3061 label).
- To maximize control of annual weeds, it may be necessary to use sequential applications of GWN-3061, but do not make more than the maximum number of applications per year for each crop. (Multiple flushes of seedling, or treated perennials may re-grow from underground stems or roots).

For preemergence applications:

- Use a surfactant as directed in the "Adjuvants" section of this label to control susceptible weeds prior to crop emergence.
- Preemergent weed control may be improved by incorporating GWN-3061 with irrigation (1/4 – 1/2 inch maximum).
- Preemergence applications of GWN-3061 when weed coverage prevents contact with the soil will result in reduced or no residual activity.

For postemergence applications:

- Treat young actively growing broadleaf weeds 1 to 3 inches in height.
- Treat actively growing nutsedge plants at the 3 to 5 leaf stage.
- Wait 2 – 3 days after postemergent applications for overhead irrigation.
- Avoid applications when crops are under drought, stress, disease, or insect damage.

WEEDS CONTROLLED BY GWN-3061 ALONE

C = Control, S = Suppression, NA = No Activity

WEED SPECIES	SCIENTIFIC NAME	PREEMERGENT ACTIVITY	POSTEMERGENT ACTIVITY	WEED HEIGHT (IN) 2/3 OZ/ACRE	WEED HEIGHT (IN) 1 to 11/3 OZ/ACRE
Amaranth, spiny ²	<i>Amaranth spinosus</i>	C ²	C ²	1 to 3	1 to 6
Bindweed	<i>Calystegia sepium</i>	NA	S	1 to 2	1 to 4
Burcucumber	<i>Sicyos angulatus</i>	NA	S	1 to 3	1 to 12
California arrowhead ³	<i>Sagittaria montevidensis</i>	NA	C ³	1 to 2	1 to 4
Chickweed, common	<i>Stellaria media</i>	C	NA	----	----
Cocklebur, common	<i>Xanthium strumarium</i>	C	C	1 to 9	1 to 14
Corn spurry	<i>Spergula arvensis</i>	C	C	1 to 2	1 to 4
Dayflower	<i>Commelina erecta</i>	C	S	1 to 2	1 to 4
Deadnettle, purple	<i>Lamium purpureum</i>	C	NA	----	----
Devils Claw	<i>Proboscidea louisianica</i>	NA	C	1 to 2	1 to 4
Eclipta	<i>Ecilpta prostrata</i>	C	S	1 to 2	1 to 4
Flatsedge, rice ²	<i>Cyperus iria</i>	S ²	C ²	1 to 9	1 to 12
Fleabane, Philadelphia	<i>Erigeron philadelphicus</i>	NA	C	1 to 3	1 to 3
Galinsoga	<i>Galinsoga</i>	C	C	1 to 2	1 to 4
Golden crownbeard	<i>Verbesina encelioides</i>	NA	C	1 to 2	1 to 4
Goosefoot	<i>Chenopodium californicum</i>	C	C	1 to 2	1 to 4
Groundsel, common	<i>Senecio vulgaris</i>	C	NA	----	----
Horseweed/Marestail ²	<i>Erigeron canadensis</i>	C ²	NA	----	----
Horsetail	<i>Equisetum arvense</i>	NA	S	1 to 2	1 to 4
Jimsonweed	<i>Datura stramonium</i>	C	NA	----	----
Jointvetch	<i>Aeschynomene virginica</i>	NA	C	1 to 2	1 to 4
Kochia ²	<i>Kochia scoparia</i>	C ²	S ²	1 to 3	1 to 6
Ladysthumb	<i>Polygonum persicaria</i>	C	C	1 to 2	1 to 4
Lambsquarter, common	<i>Chenopodium album</i>	C	NA	----	----
Lettuce, prickly	<i>Lactuca serriola</i>	C	NA	----	----
Mallow, common	<i>Malva neglecta</i>	C	NA	----	----
Mallow, Venice	<i>Hibiscus trionum</i>	C	C	1 to 3	1 to 12
Mayweed chamomile (dog fennel)	<i>Anthemis cotula</i>	C	NA	----	----
Milkweed, common	<i>Asclepias syriaca</i>	NA	S	1 to 5	1 to 12
Milkweed, honeyvine	<i>Ampelamus albidus</i>	NA	S	1 to 3	1 to 6
Morningglory, ivyleaf ³	<i>Ipomoea hederacea</i>	NA	S ³	----	1 to 3
Morningglory, tall ³	<i>Ipomoea purpurea</i>	NA	S ³	----	1 to 3
Mustard, wild	<i>Sinapis arevensis</i>	C	C	1 to 3	1 to 6

WEED SPECIES	SCIENTIFIC NAME	PREEMERGENT ACTIVITY	POSTEMERGENT ACTIVITY	WEED HEIGHT (IN) 2/3 OZ/ACRE	WEED HEIGHT (IN) 1 to 1 1/3 OZ/ACRE
Nutsedge, Yellow ¹	<i>Cyperus exculentus</i>	S	C ¹	3 to 6	3 to 12
Nutsedge, Purple ¹	<i>Cyperus rotundus</i>	S	C ¹	3 to 6	3 to 12
Passionflower, maypop	<i>Passiflora incarnata</i>	NA	C	1 to 3	1 to 3
Pigweed, redroot ²	<i>Amaranthus retroflexus</i>	C ²	C ²	1 to 3	1 to 6
Pigweed, smooth ²	<i>Amaranthus hybridus</i>	C ²	C ²	1 to 3	1 to 6
Plantain	<i>Plantago major</i>	C	NA	----	----
Pokeweed, common	<i>Phytolacca Americana</i>	NA	C	1 to 3	1 to 6
Purslane	<i>Portulaca oleracea</i>	S	NA	----	----
Radish, wild	<i>Raphanus raphanistrum</i>	C	C	1 to 3	1 to 6
Ragweed, common ²	<i>Ambrosia artemisiifolia</i>	C ²	C ²	1 to 9	1 to 12
Ragweed, giant ²	<i>Ambrosia trifida</i>	NA	C ²	1 to 3	1 to 6
Redstem ³	<i>Ammania auriculata</i>	NA	C ³	1 to 2	1 to 4
Ricefield Bulrush ²	<i>Scirpus mucronatus</i>	NA	C ²	1 to 2	1 to 4
Sesbania, hemp	<i>Sesbania exaltata</i>	S	C	1 to 3	1 to 6
Shepherdspurse	<i>Capsella bursa-pastoris</i>	C	S	1 to 2	1 to 4
Sida, prickly	<i>Sida spinosa</i>	NA	S	1 to 2	1 to 4
Smallflower Umbrella sedge ²	<i>Cyperus difformis</i>	NA	C ²	1 to 2	1 to 4
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</i>	C	S	1 to 2	1 to 4
Sunflower	<i>Helianthus annuus</i>	C	C	1 to 12	1 to 15
Velvetleaf	<i>Abutilon theophrasti</i>	C	C	1 to 9	1 to 12
Willowherb,	<i>Epilobium ciliatum</i>	C	NA	----	----
Yellowcress, creeping	<i>Rorippa sylvestris</i>	C	C	1 to 2	1 to 4

1. Heavy infestations of nutsedge may require sequential applications. An earlier treatment may be required to prevent nutsedge from competing with the crop.
2. Certain biotypes of this weed species are known to be resistant to ALS herbicides. Where these ALS-resistant biotypes are known to exist, an appropriate registered herbicide, active against the weed and with another mode of action, can be used alone or in tank mixtures with GWN-3061 to control these biotypes.
3. Use maximum label rates for best results. In rice fields the addition of MSO/MSO based adjuvants will improve level of control.

**APPLICATION INSTRUCTIONS
PREHARVEST INTERVAL**

The required days between last application and harvest (PHI) are given in () after each crop name.

CROP	OZ/ACRE	DIRECTIONS FOR USE
ARTICHOKE (5)	1 – 2	<p>Apply uniformly with ground equipment in a minimum of 15 gallons of water per acre. Apply as a broadcast application to the ground on either side of the row and winter ditches while avoiding crop foliage.</p> <p>Row Middle - Apply GWN-3061 between rows of perennial artichokes for the control of nutsedge and listed broadleaf weeds. Applications should be made when oxalis is in full bloom. Avoid contact of the herbicide with the planted crop. If plastic is used on the planted row, adjust equipment to keep the application off the plastic. To maximize nutsedge control, apply when plants are in the 3-5 leaf stage.</p>
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> For best results, use a non-ionic surfactant (NIS) with applications. Use rates are broadcast per acre. Reduce rate and spray volume in proportion to area actually sprayed. GWN-3061 may not control ALS resistant weeds. GWN-3061 may cause significant, temporary stunting and delay maturity of artichokes if sprayed directly. Consult "Use Precautions" and "For Optimum Results" for important usage information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Do not apply more than 2 applications or 2 OZ/A of product by weight (0.094 lb a.i./acre) per 12 month period. Do not apply by air. 		
BEANS, DRY (30)	1/2 - 2/3	<p>Apply uniformly with ground equipment in a minimum of 10 gallons of water per acre.</p> <p>Direct-seeded:</p> <ul style="list-style-type: none"> Preemergence - Apply GWN-3061 after planting but prior to soil cracking. Use the lower rate on lighter textured soils with low organic matter. Postemergence - Apply GWN-3061 when plants have 1 to 3 trifoliolate leaves, but before flowering. Applications with a weed size of 6 inches or below will allow for the greatest control. Make only one broadcast application per season <p align="center"><u>Tank Mixtures for Dry Beans:</u></p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <ul style="list-style-type: none"> Tank mixtures for additional broadleaf weed control can be added. Tank mixtures for postemergent grass control, including but not limited to TARGA® or other graminicides can be added. <p>Apply uniformly with ground equipment in a minimum of 15 gallons of water per acre.</p> <p>Preplant or At Planting:</p> <ul style="list-style-type: none"> Incorporation - Apply and incorporate 1/2 to 2/3 OZ GWN-3061 with EPTAM® 7E at a depth of approximately 2 inches just before planting. Use lower rate on lighter textured soils with low organic matter. Refer to EPTAM 7-E label for specific incorporation directions.
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> Consult "Use Precautions" and "For Optimum Results" sections for important usage information. Not all varieties have been tested for tolerance. Under adverse growing conditions (dry or excessive moisture, cool weather, etc.), maturity of the treated crop may be delayed which can influence harvest date, yield, and quality. Use of COC or MSO adjuvant may cause temporary crop response when plants are under stress. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> COC or MSO adjuvants can only be used in the states of CO, MN, NE, ND, and SD. Do not apply more than 2 applications of 2/3 OZ/A per crop cycle, not to exceed 2 OZ/A of product by weight (0.094 lb a.i./acre) per 12 month period. 		
1/2 -1		<ul style="list-style-type: none"> Row Middle/Furrow Applications for Dry Beans - Apply GWN-3061 between crop rows while avoiding contact of the herbicide with the planted crop. Reduce rate and spray volume in proportion to area actually sprayed.
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> Consult "Use Precautions" and "For Optimum Results" sections for important usage information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Do not apply more than 2 applications of 1 OZ/A per crop-cycle, not to exceed 2 OZ/A of product by weight (0.094 lb a.i./acre) per 12 month period (includes applications to the crop and to row middles/furrows). 		
13-07A Caneberry subgroup (Blackberry; loganberry; raspberry, black and red; wild raspberry; cultivars, varieties and/or hybrids of these) (14)	3/4 - 2	<p>Apply uniformly with ground equipment in a minimum of 15 gallons of water per acre. Apply as a broadcast application to the ground on either side of the row. Applications of GWN-3061 should be made prior to primocane emergence or after cane burning.</p> <p>Preemergence and Postemergence directed application for control of labeled weeds - Apply a single or sequential application based on weed pressure. If small weeds are present tank mix with a post-emergence broad-spectrum type herbicide to maximize and enhance the spectrum of broadleaf and grass control.</p> <p>Postemergence directed application for control of nutsedge - Apply a single application when nutsedge is fully emerged. Alternatively, two applications can be made. Apply first application to the initial nutsedge flush when it has reached the 3-5 leaf stage. If a second treatment is needed, it may be applied later in the season directed to secondary nutsedge emergence. To maximize control, apply when nutsedge plants are in the 3-5 leaf stage.</p>

<p>13-07A Caneberry subgroup (continued)</p>	<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> • Avoid Contact with the caneberry bushes. Contact will result in temporary chlorosis of treated leaves. • For best results, use a non-ionic surfactant (NIS) with post-emergence applications. • Use rates are broadcast per acre. Reduce rate and spray volume in proportion to area actually sprayed. • GWN-3061 may not control ALS resistant weeds. • Consult "Use Precautions" and "For Optimum Results" sections for important usage information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • For preemergence control, do not apply GWN-3061 if excessive weed growth prevents contact with the ground. • Do not apply more than 1 application or 2 OZ/A of product by weight (0.094 lb a.i./acre) per 12 month period. • Do not apply by air. • Do not apply to plants established less than one year or to plants under stress. 	
<p>CORN, FIELD AND FIELD CORN GROWN FOR SEED (30)</p>	<p>2/3 - 1 1/3</p>	<p>Postemergence - Apply GWN-3061 over-the-top or with drop nozzles from the spike-through layby stage of field corn.</p> <p style="text-align: center;"><u>GWN-3061 Post Field Corn Applications:</u></p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>Before mixing in the spray tank, test the compatibility mixing all components in a small container in proportionate quantities. For tank mixtures, add individual formulations to a spray tank in the following sequence: water soluble bags, dry flowables, emulsifiable concentrates, drift control additive, water soluble liquids followed by NIS or COC.</p> <p>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 at time of application. Tank mix applications under these conditions may cause temporary crop injury.</p> <p style="text-align: center;"><u>Tank Mixtures for Corn:</u></p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>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.</p> <p>Tank mixtures for additional broadleaf weed control, including but not limited to 2,4-D, Armezon[®], atrazine, Buctril[®], Callisto[®], dicamba, Impact[®], Laudis[®] or YUKON[®] can be added.</p> <p>Tank mixtures for post emerge grass control, including but not limited to Accent[®], Beacon[®], Option[®] or Steadfast[®] can be added.</p> <p>Tank mixtures for additional post emerge grass and broadleaf control, including but not limited to Roundup[®] brands or glyphosate (glyphosate-tolerant corn only) or Ignite[®] and Liberty[®] (LibertyLink[®] hybrids only) can be added.</p> <p style="text-align: center;"><u>GWN-3061 and SOIL RESIDUALS in emerged corn:</u></p> <p>Alachlor, acetochlor, metolachlor and dimethenamid may be tank mixed with GWN-3061 for residual control of foxtails and other grass weeds in field corn.</p> <p style="text-align: center;"><u>GWN-3061 Soil Applications:</u></p> <p>When used exclusively with Pioneer IR field corn hybrids, GWN-3061 may be soil applied at the rate of 1 1/3 to 2 OZ/A (0.062 to 0.094 lb a.i./acre) for residual control of velvetleaf, common cocklebur, common lambsquarters, common ragweed, pigweed, smartweed, sunflower and other difficult to control weeds.</p> <p>This product is labeled as an early pre-plant surface-applied, pre-plant incorporated, or preemergence treatment. GWN-3061 offers effective broadleaf control across all tillage systems and is intended for use in tank mixtures with preemergence grass herbicides, including but not limited to: alachlor, acetochlor, metolachlor and dimethenamid active ingredient materials</p> <p>Refer to the labels for these products, or any other grass preemergence herbicide used for use instructions, weeds controlled, and application restrictions.</p>
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> • Consult "Use Precautions" and "For Optimum Results" sections for important usage information. • Refer to "Mixing Instructions" and "Use Rate Guides" sections for detailed information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • Do not apply more than 2 applications or 2 2/3 OZ/A of product by weight (0.125 lb a.i./acre) per 12 month period. • Refer to the "Rotational Crop Restrictions" section of this label for applicable rotational crop restrictions. • Following application to foliage, allow 30 days before grazing domestic livestock, harvesting forage, or harvesting silage. 		

CORN, SWEET AND POPCORN (30)	2/3 - 1	Apply GWN-3061 over-the-top or with drop nozzles from the spike through layby stage of the corn. If necessary, a sequential treatment of this product at 2/3 OZ per acre may be applied only with drop nozzles semi-directed or directed to avoid application into the corn plant whorl.																							
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> Consult "Use Precautions" and "For Optimum Results" sections for important usage information. Not all varieties have been tested for tolerance. Under adverse growing conditions (dry or excessive moisture, cool weather, etc.), maturity of the treated crop may be delayed which can influence harvest date, yield, and quality. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Do not apply more than 2 applications or 1 OZ/A of product by weight (0.047 lb a.i./acre) per 12 month period. Do not use GWN-3061 on "Jubilee" sweet corn. Do not apply COC or MSO based adjuvants with postemergent applications. Following application to foliage, allow 30 days before grazing domestic livestock, harvesting forage, or harvesting silage. 																									
COTTON (28)	2/3 - 1 1/3	Apply GWN-3061 as a directed spray in hooded equipment for postemergent weed control in emerged cotton. Applications may be made any time after cotton emergence until row closure inhibits use of hooded spray equipment. The applicator is responsible for maintaining proper spray speed and equipment position so spray mist does not contact cotton plants.																							
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> Consult "Use Precautions" and "For Optimum Results" sections for important usage information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Refer to the "Rotational Crop Restrictions" section of this label for applicable rotational crop restrictions. Do not apply more than 2 applications or 1 1/3 OZ/A of product by weight (0.062 lb a.i./acre) per 12 month period. 																									
FALLOW GROUND	2/3 - 1 1/3	Applications of GWN-3061 to fallow ground. Apply GWN-3061 with recommended surfactant to fallow ground.																							
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> Refer to the "Weeds Controlled" section of this label for weed control directions. Consult "Use Precautions" and "For Optimum Results" sections for important usage information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Do not apply more than 2 applications or 2 2/3 OZ/A of product by weight (0.125 lb a.i./acre) per 12 month period. Refer to the "Rotational Crop Restrictions" section of this label for applicable rotational crop restriction. 																									
MILLET, PROSO (0 Millet Forage) (50 Millet Grain and Straw) (37 Millet Hay)	1/2 - 2/3	<p>Millet Growth Stage: GWN-3061, alone, can be applied from the 2 leaf through layby stage (before grain head emergence). Temporary stature reduction may occur to the crop following application of GWN-3061 Herbicide if the proso millet is under stress. This effect will be most evident 7 to 10 days after application. The crop will quickly recover under normal growing conditions. Applications should be made after weed emergence and actively growing. If adding a tank mix, refer to the tank mix section of this label.</p> <p style="text-align: center;"><u>Tank Mixtures for Millets:</u></p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>Tank mixtures for additional broadleaf weed control, including but not limited to 2,4-D, and dicamba can be added. Insecticide and fungicide products can be tank mixed with GWN-3061.</p> <p>Listed day intervals following an application of GWN-3061.</p> <table border="1" data-bbox="646 1394 1425 1612"> <thead> <tr> <th rowspan="2">Crop</th> <th colspan="3">All Animals (Lactating and Non-lactating)</th> </tr> <tr> <th>Pre-Grazing Interval (PGI)</th> <th>Pre-Harvest Interval (PHI)</th> <th>Pre-Slaughter Interval (PSI)</th> </tr> </thead> <tbody> <tr> <td>Millet Forage</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Millet Grain</td> <td>N/A</td> <td>50</td> <td>0</td> </tr> <tr> <td>Millet Straw</td> <td>N/A</td> <td>50</td> <td>0</td> </tr> <tr> <td>Millet Hay</td> <td>N/A</td> <td>37</td> <td>0</td> </tr> </tbody> </table>	Crop	All Animals (Lactating and Non-lactating)			Pre-Grazing Interval (PGI)	Pre-Harvest Interval (PHI)	Pre-Slaughter Interval (PSI)	Millet Forage	0	0	0	Millet Grain	N/A	50	0	Millet Straw	N/A	50	0	Millet Hay	N/A	37	0
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<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> Consult "Use Precautions" and "For Optimum Results" sections for important usage information. Refer to "Mixing Instructions" and "Use Rate Guides" sections for detailed information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> 0 Day Pre grazing interval for grass forage for ALL animals (lactating and non-lactating). Do not apply more than 1 application or 2/3 OZ/A of product by weight (0.031 lb a.i./acre) per 12 month period. 																									

<p>17 PASTURE, RANGELAND, CRP AND FORAGE GRASSES/HAY (37)</p>	<p>2/3 – 1 1/3</p>	<p>Established Fields</p> <ul style="list-style-type: none"> • Postemergence Broadcast – Apply GWN-3061 as a broadcast application to established Pasture, Rangeland, CRP & Forage Grasses/Hay. Apply uniformly with ground equipment in a minimum of 10 gallons of water per acre. Use a water volume that will provide uniform coverage of plants. It is recommended to make an application as soon as possible after removal of hay or before weeds exceed label height restriction. Wait for at least 48 hours after application before irrigation. • Postemergence Spot Treatment – Apply GWN-3061 as a spot treatment application to established Pasture, Rangeland, CRP or Forage Grasses/Hay. Spot treatments will be applied at rates equivalent to broadcast field rates and not exceeding the maximum application rate. Water volume should be ample to allow for adequate weed coverage. <p>Spot treatment table for GWN-3061 applications per 1 gallon of water (tsp=teaspoon). For applications more than 1 gallon, multiply the tsp listed in the table to attain required product volume rate.</p> <table border="1" data-bbox="532 394 1518 499"> <thead> <tr> <th>GPA</th> <th>2/3 OZ/acre</th> <th>1 OZ/acre</th> <th>1 1/3 OZ/acre</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>6/10 tsp.</td> <td>9/10 tsp.</td> <td>1 2/10 tsp.</td> </tr> <tr> <td>15</td> <td>5/10 tsp.</td> <td>7/10 tsp.</td> <td>9/10 tsp.</td> </tr> <tr> <td>20</td> <td>3/10 tsp.</td> <td>5/10 tsp.</td> <td>6/10 tsp.</td> </tr> </tbody> </table> <p>Postemergence followed by Postemergence - To maximize control of nutsedge, it may be necessary to use a second postemergence spot application to those areas where the nutsedge has emerged or re-grown. For these situations, use a spot treatment method treating only those areas of emerged nutsedge. Applications rate must not exceed 3/4 OZ product per treated acre in these areas. Use a water volume that will allow for good coverage of the plants.</p> <p style="text-align: center;">Tank Mixtures for Pasture Rangeland & CRP:</p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>Tankmixtures for additional broadleaf weed control, including but not limited to 2,4-D, dicamba and, Grazon® can be added.</p> <p>Labeled insecticides, including CO® and labeled fungicide products can be tankmixed with GWN-3061 Herbicide.</p> <p>Listed day intervals following an application of GWN-3061.</p> <table border="1" data-bbox="662 898 1404 1081"> <thead> <tr> <th rowspan="2">Crop</th> <th colspan="3">Lactating and Non-lactating Animals</th> </tr> <tr> <th>Pre-Grazing Interval (PGI)</th> <th>Pre-Harvest Interval (PHI)</th> <th>Pre-Slaughter Interval (PSI)</th> </tr> </thead> <tbody> <tr> <td>Pasture, Rangeland, CRP and Forage Grasses/Hay</td> <td>0</td> <td>37</td> <td>0</td> </tr> </tbody> </table>	GPA	2/3 OZ/acre	1 OZ/acre	1 1/3 OZ/acre	10	6/10 tsp.	9/10 tsp.	1 2/10 tsp.	15	5/10 tsp.	7/10 tsp.	9/10 tsp.	20	3/10 tsp.	5/10 tsp.	6/10 tsp.	Crop	Lactating and Non-lactating Animals			Pre-Grazing Interval (PGI)	Pre-Harvest Interval (PHI)	Pre-Slaughter Interval (PSI)	Pasture, Rangeland, CRP and Forage Grasses/Hay	0	37	0
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<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> • Consult "Use Precautions" and "For Optimum Results" sections for important usage information. • Refer to "Mixing Instructions" and "Use Rate Guides" sections for detailed information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • 0 Day pre grazing interval for lactating non-lactating animals. • Do not apply more than 2 application or 1 1/3 OZ/A of product by weight (0.062 lb a.i./acre) per 12 month period. 																													
<p>POME FRUIT GROUP (14) (West of the Rockies) (Apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these)</p>	<p>3/4 - 2</p>	<p>Apply uniformly with ground equipment in a minimum of 15 gallons of water per acre.</p> <ul style="list-style-type: none"> • Postemergence application for control of nutsedge: Apply GWN-3061 as a single broadcast application to orchard floor on either side of the row when nutsedge is fully emerged (early – midsummer) Alternatively, two applications can be made. Apply first application to the initial nutsedge flush when it has reached the 3-5 leaf stage. If a second treatment is needed, apply GWN-3061 later in the season directed to secondary nutsedge emergence. To maximize nutsedge control, do not apply if nutsedge has exceeded 12 inches in height. • Preemergence and Postemergence application for control of labeled broadleaf weeds: Apply GWN-3061 as a single or sequential broadcast application to orchard floor on either side of the row based on weed pressure. If small weeds are present, to maximize and enhance the spectrum of broadleaf control tank mix with a postemergence broad spectrum type herbicide. <p>Preemergence applications of GWN-3061 when ground cover prevents contact with the soil will result in reduced or no residual activity.</p> <p>PRECAUTIONS:</p> <ul style="list-style-type: none"> • For best results, use a NIS or penetrating type surfactant. • Avoid spray contact with tree foliage and fruit with spray or drift. • GWN-3061 may not control ALS resistant weeds. • Consult "Use Precautions" and "For Optimum Results" sections for important usage information. 																											

POME FRUIT GROUP (14) (Continued)	RESTRICTIONS: <ul style="list-style-type: none"> Do not apply when orchard temperatures exceed 85°F at the time of application. Minimum of 45 days between applications. Do not concentrate the application rate into the treated swath. Do not apply to trees established in a permanent orchard less than one calendar year. Do not apply to nursery stock. Do not apply more than 2 applications or 2 OZ/A of product by weight (0.094 lb a.i./acre) per 12 month period. 	
POME FRUIT GROUP (14) (East of the Rockies) Apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these	1/2 - 1	Apply uniformly with ground equipment in a minimum of 15 gallons of water per acre. <ul style="list-style-type: none"> Postemergence application for control of nutsedge: Apply GWN-3061 as a single broadcast application to orchard floor on either side of the row when nutsedge is fully emerged. Alternatively, two applications can be made. Apply first application to the initial nutsedge flush when it has reached the 3-5 leaf stage. If a second treatment is needed, it may be applied later in the season directed to secondary nutsedge emergence. To maximize nutsedge control, apply GWN-3061 when nutsedge plants are in the 3-5 leaf stage. For best results, use a minimum of 0.75 OZ/A of GWN-3061. Preemergence and Postemergence application for control of labeled broadleaf weeds: Apply GWN-3061 as a single or sequential broadcast application to orchard floor on either side of the row based on weed pressure. For best results, apply to bare ground. If small weeds are present, to maximize and enhance the spectrum of broadleaf control tank mix with a postemergence broad-spectrum type herbicide. Preemergence applications of GWN-3061 when ground cover prevents contact with the soil will result in reduced or no residual activity.
PRECAUTIONS: <ul style="list-style-type: none"> For best results, use a NIS with postemergence applications. Avoid spray or drift contact with tree foliage and fruit. GWN-3061 may not control ALS resistant weeds. Consult "Use Precautions" and "For Optimum Results" sections for important usage information. RESTRICTIONS: <ul style="list-style-type: none"> Do not apply when orchard temperatures exceed 85°F at the time of application. Minimum of 45 days between applications. Do not concentrate the application rate into the treated swath. Do not apply to trees established in a permanent orchard less than one calendar year. Do not apply to nursery stock. Do not apply more than 2 applications or 2 OZ/A of product by weight (0.094 lb a.i./acre) per 12 month period. 		
RICE (48)	2/3 - 1 1/3	Pre-plant, at planting, preemergence and postemergence applications to rice Apply foliar and aerial applications of GWN-3061 using a minimum 3 to 15 gallons of water per acre. For ground equipment applications of GWN -3061 use a minimum of 10 gallons of water per acre. <ul style="list-style-type: none"> Pre-plant or At planting: Apply GWN-3061 at 2/3 OZ/A in combination with glyphosate or other suitable agricultural herbicides for burn down of emerged annual grasses, broadleaf weeds and nutsedge. If this product is applied pre-plant burn down, refer to "TIME INTERVAL BEFORE PLANTING" table in complete directions for use. Preemergence and Postemergence: Apply GWN-3061 for postemergent weed control from prior to the emergence of rice until after permanent flood is established. Apply GWN-3061 at 2/3 to 1 1/3 OZ/A, with the total application rate not to exceed 1 1/3 OZ/A of product (0.062 lb ai/acre) per 12 month period. Seed Head Suppression: Apply GWN-3061 for late season application to rice at 1 to 1 1/3 OZ/A plus 1% v/v of COC or 1/4 % v/v of NIS for seed head suppression of hemp sesbania and Northern joint vetch Post Flood: Apply GWN-3061 with dry broadcast applications 2/3 to 1 1/3 OZ /A, with the total application rate not to exceed 1 1/3 OZ/A of product (0.062 lb ai/acre) per 12 month period. <p style="text-align: center;"><u>GWN-3061 Tank Mixtures for Rice:</u></p> It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture. Before mixing in the spray tank, test the compatibility mixing all components in a small container in proportionate quantities. For tank mixtures, add individual formulations to a spray tank in the following sequence: water soluble bags, dry flowables, emulsifiable concentrates, drift control additive, water soluble liquids followed by NIS or COC. Tank mixtures should not be applied if the crop is under severe stress due to drought, poor fertility (especially low nitrogen levels), hail, frost and insects. Tank mix applications under these conditions may cause temporary crop injury. <ul style="list-style-type: none"> Preemergent & Pre-Plant Applications: Tankmixtures for additional preemergent weed control, including but not limited to Bolero®, Command® 3ME, glyphosate, pendimethalin or quinclorac can be added. Postemergent Applications: Tankmixtures for additional broadleaf weed control, including but not limited to Grandstand®, propanil and propanil products, Aim®, Facet®, Basagran®, Londax®, Grasp®, Regiment®, NewPath®, Beyond® and 2-4-D can be added.

RICE (48) (continued)	2/3 - 1 1/3	<p>Tank mixtures for post emerge grass control, including but not limited to Newpath[®], Beyond[®], propanil, Facet[®], Grasp[®], and Regiment[®] can be added. Insecticide and fungicide products can be tank mixed with GWN-3061.</p> <p style="text-align: center;">Sequential Applications:</p> <p>GWN-3061 herbicide may be applied sequentially with Ordram[®], Bolero[®], Clincher[®], Regiment[®] and Shark[®]. Read the Ordram, Bolero, Clincher, Regiment and Shark labels for application information, restrictions and precautions.</p>
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> GWN-3061 can be applied as a foliar spray or dry broadcast. Foliar applications of GWN-3061 can be made at the 3 to 5 leaf stage of rice when weeds have 2 to 4 leaves. Apply dry broadcast applications at 1 to 2 leaf stage of rice when weeds have two leaves or less. The addition of MSO will enhance control of emerged broadleaf weeds. Refer to "Mixing Instructions" and "Use Rate Guide" sections for detailed information. For best results apply spray solutions the day they are mixed. Refer to "Application Equipment and Instructions" section for spray drift management techniques. Water levels in rice fields and checks should remain static (3 inch to 6 inch depth) following dry broadcast applications of GWN-3061. Rice fields and checks may be irrigated to maintain water level, but this may reduce weed control. Control of emerged weeds with foliar applications is best when 70% to 80% of the weed foliage is exposed. Control of submerged weeds is best when weeds have 2 leaves or less. To ensure product effectiveness avoid using GWN-3061 on rice fields which have a history of weed biotypes resistant to ALS herbicides. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Do not apply within 48 days of harvest. Do not exceed more than 2 applications per 12 month period. Do not reintroduce water into rice fields or checks for at least five days following dry broadcast applications of GWN-3061. Do not reintroduce water into rice fields or checks for at least 24 hours following foliar applications of GWN-3061. 		
13-07F SMALL FRUIT VINE CLIMBING SUBGROUP EXCEPT FUZZY KIWIFRUIT (14) (East of the Rockies) Amur river grape; gooseberry; grape; kiwifruit, hardy; maypop; schisandra berry; cultivars, varieties, and/or hybrids of these	1/2 - 1	<p>Apply uniformly with ground equipment in a minimum of 15 gallons of water per acre.</p> <ul style="list-style-type: none"> Preemergence and Postemergence directed application for control of labeled weeds: Apply GWN-3061 as a single or sequential directed spray application to the ground on either side of the row. If small weeds are present, tank mix with a postemergence broad-spectrum type herbicide to maximize and enhance the spectrum of broadleaf and grass control. Preemergence applications of GWN-3061 when ground cover prevents contact with the soil will result in reduced or no residual activity. Postemergence directed application for control of nutsedge: Apply GWN-3061 as a single directed spray application when nutsedge is fully emerged. Alternatively, two directed spray applications can be made. Apply first directed spray application to the initial nutsedge flush when it has reached the 3- leaf stage. If a second treatment is needed, it may be applied later in the season directed to secondary nutsedge emergence. To maximize control, apply GWN-3061 when nutsedge plants are in the 3-5 leaf stage. For best results, use a minimum of 0.75 OZ/A of GWN-3061. <p>PRECAUTIONS:</p> <ul style="list-style-type: none"> For best results, use a NIS with postemergence applications. Contact of GWN-3061 with the grape vines should be avoided. Contact will result in leaf chlorosis and distortion with possible shortening of shoot internodes. Use of a shielded boom is recommended. GWN-3061 may not control ALS-resistant weeds. Consult "Use Precautions" and "For Optimum Results" sections of label for important usage information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Minimum of 45 days between applications. Do not concentrate the application rate into the treated swath. Do not apply to vines established in a permanent vineyard for less than one year or to plants under stress. Do not apply to areas where water is known to pond for periods of time following rainfall. Do not contact foliage with GWN-3061. Uptake via contacted foliage will result in plant injury. Do not apply to nursery stock. Do not apply more than 2 applications or 2 OZ/A of product by weight (0.094 lb a.i./acre) per 12 month period.
SORGHUM, GRAIN (MILO) (30)	2/3 - 1	<ul style="list-style-type: none"> Postemergence - Apply GWN-3061 from the 2 leaf through layby stage (before grain head emergence). <p>Temporary stature reduction may occur to the crop following application of GWN-3061 if the grain sorghum is under stress. This effect will be most evident 7 to 10 days after application. The crop will quickly recover under normal growing conditions.</p> <p style="text-align: center;">Tank Mixtures for Grain Sorghum:</p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>Tank mixtures with GWN-3061 can include, but are not limited to atrazine, Buctril[®] or 2,4-D.</p>

SORGHUM, GRAIN (MILO) (30) (Continued)	PRECAUTIONS: <ul style="list-style-type: none"> Consult "Use Precautions" and "For Optimum Results" sections for important usage information. RESTRICTIONS: <ul style="list-style-type: none"> Following application to foliage, allow 30 days before grazing domestic livestock, harvesting forage, or harvesting silage. Do not apply more than 1 application or 1 OZ/A of product by weight (0.047 lb a.i./acre) per 12 month period. 	
SOYBEAN (soybean seed 88)	2/3 – 1 1/3	<ul style="list-style-type: none"> Preplant Burndown–Fall Application Apply GWN-3061 as a fall burndown herbicide and/or preventative application for control or suppression of many broadleaf winter annual weeds prior to planting soybeans the following spring. If broadleaf weeds are present, always add a high quality COC (1 to 2% v/v) and granular AMS (2 to 4 lb/A) or UAN (1 to 2% v/v) to the mix. <p>Apply GWN-3061 anytime from after harvest until the ground freezes. Do not apply GWN-3061 to frozen ground. Applications can be made by ground or air (see "Application Equipment and Instructions" section of label for specifics).</p> <p style="text-align: center;"><u>Tank Mixtures for Soybeans:</u></p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>For enhanced control of broadleaf winter annual weeds, or if heavy populations exist at the time of application, GWN-3061 can be tank mixed with 2,4-D Amine or LV ester formulation. Base the use rate of 2,4-D on the label range of the given product and formulation chosen.</p> <p>GWN–3061 can be tanked mixed with any other herbicide having a registration allowing for fall application.</p> <p>To control emerged grass weeds, add glyphosate to the mix.</p> <p>The efficacy of GWN-3061 against labeled broadleaf winter annual weeds is directly correlated to application success in allowing the product to contact emerged plants and to reach the soil surface. For the latter, applications on top of heavy crop residue may lead to reduced efficacy. In no-till systems, the best practice to follow is to apply GWN-3061 prior to operations that cut and redistribute crop residues (i.e. stalk chopping of corn stalks). For reduced tillage systems (fall chisel plowing, disking, etc.), apply GWN-3061 after any fall tillage passes are made so as to ensure that the product stays in the upper few inches of the soil profile where weed germination primarily occurs.</p> <p>While no instances of crop injury have been seen from fall-applied applications in research trials, not all soybean varieties have been screened for tolerance to GWN-3061. Consult with local seed agronomists for herbicide tolerance information. Do not apply GWN-3061 if plans include planting Adzuki beans as unacceptable crop injury could result.</p> <p><u>Preemergence or Preplant Spring Application Varieties Tolerant to Sulfonyl-Urea Herbicides Only</u></p> <p>For contact and residual control or suppression of many labeled broadleaf winter and early-germinating summer annual weeds, make applications of GWN-3061 21 days before planting until prior to emergence (cracking). Make applications to actively growing weeds free of visible stresses for best activity to occur.</p> <p>To maximize burndown of existing broadleaf weeds, always add a COC (1% v/v) and granular AMS (2 to 4 lb/A) or UAN (1 to 2% v/v) to the mix.</p> <p style="text-align: center;"><u>Tank Mixtures for Soybeans:</u></p> <p>For enhanced control of broadleaf winter or early-germinating summer annual weeds, GWN-3061 can be tank mixed with glyphosate and/or 2,4-D LV ester. Base the use rate of 2,4-D or glyphosate on the label range of the given product and formulation chosen and follow all other use restrictions. If emerged grasses are present, always add glyphosate to control these weeds.</p>

SOYBEAN (soybean seed 88) (continued)	<p>2/3 – 1 1/3</p>	<p>In reduced tillage systems, do not make any tillage operation after application of GWN-3061.</p> <p>It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>While no instances of crop injury to sulfonyl-urea tolerant varieties have been seen from spring preplant or preemergence applications in research trials, not all soybeans have been screened for tolerance to GWN-3061. Consult with local seen agronomists for herbicide tolerance information. Do not apply GWN-3061 if plans include planting Adzuki beans as unacceptable crop injury could result.</p> <p><u>Postemergence Applications to Soybean Varieties Tolerant to Sulfonyl-Urea Herbicides Only</u> For contact and residual control of many broadleaf weeds and nutsedge, apply GWN-3061 as a postemergence treatment to sulfonyl-urea tolerant soybean varieties only. Applications can be applied from V2 through V4 stage. If the tolerant soybean variety selected is stacked with a glyphosate tolerant trait, then glyphosate should be tank mixed with GWN-3061.</p> <p>Base the use rate of glyphosate on the label range of the given product and formulation chosen and follow all other use restrictions. Applications can be applied form V2 through V4 stage.</p> <p>Always add a NIS (0.25 to 0.5% v/v) or COC (1% v/v) and granular AMS (2 to 4 lb/A) or UAN (1 to 2% v/v) to the mix. Applications can be made to actively growing weeds free of stress for best activity to occur.</p> <p><u>Tank Mixtures for Soybeans:</u> It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>GWN-3061 can be tank mixed with other registered postemergence soybean herbicides unless specifically restricted by those product labels.</p> <p>Do not apply GWN-3061 postemergence to straight Roundup Ready or conventional soybean varieties as severe crop injury will result. Occasional phytotoxicity symptoms may appear on some susceptible sulfonyl-urea tolerant varieties when this product is applied post emergent. Possible symptoms could include stunting (seen as a reduction in leaf size or internode length), yellowing leaves and/or red veins, and necrosis of the leaves and petioles. In varieties evaluated that have exhibited these symptoms, crop has quickly recovered after metabolizing the product. The potential for soybean injury is most pronounced with applications made during hot, humid conditions, under widely fluctuating weather or temperature conditions, or with applications to soybeans under stress.</p>
<p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Do not apply more than 1 application or 1 1/3 OZ/A of product by weight (0.062 lb a.i./acre) per 12 month period. Grazing or feeding of treated soybean forage/silage and hay is prohibited. 		
SUGARCANE (30)	<p>2/3 - 1 1/3</p>	<p>When used alone, apply GWN-3061 prior to planting, prior to emergence or after the emergence of the sugarcane, and until row closure. Mechanical cultivation may be required to control weed species not on the label. If so, a sequential treatment may be required to control weeds in areas of disturbed soil.</p> <p>Apply GWN-3061 at 2/3 to 1 1/3 OZ by weight per acre (0.031 to 0.062 lb a.i./acre) in combination with glyphosate agricultural herbicides for pre-plant burn down of emerged annual grasses, broadleaf weeds and nutsedge in sugarcane.</p> <p><u>Tank Mixtures for Sugarcane:</u> It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.</p> <p>Tankmixtures with GWN-3061 can include, but are not limited to Asulox[®], atrazine , Callisto[®], Envoke[®], Evik[®], glyphosate, or 2,4-D.</p>
<p>PRECAUTIONS:</p> <ul style="list-style-type: none"> Consult "Use Precautions" and "For Optimum Results" sections for important usage information. <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> Refer to the "Rotational Crop Restrictions" section of this label for applicable rotational crop restrictions. Following application to foliage allow 30 days before grazing domestic livestock, harvesting forage, or harvesting silage. Do not apply more than 3 applications (including pre-plant applications) with the total use rate not to exceed 2 2/3 OZ/A of product by weight (0.125 lb a.i./acre) per 12 month period. 		

ROTATIONAL CROP RESTRICTIONS

Rotation intervals below may need to be extended if drought or cool conditions prevail. Canyon Group recommends that the end user test this product in order to determine its suitability for such intended use. When using GWN-3061 in tank mixes, refer to the individual product labels being tank mixed. To determine rotational crop restrictions follow the longest rotational limitation of the product being tank mixed.

TIME INTERVAL BEFORE PLANTING

CROP	MONTHS	EXCEPTIONS
CROPS NOT SPECIFICALLY LISTED	36	
Alfalfa	9	
Barley (winter)	2	
Beans, Dry	0	
Beans, Snap	9	2 months in the northeast, midwest, and southeast, 3 months in TX
Broccoli	18	
Cabbage	15	
Canola	15	
Carrot	15	
Cauliflower	18	
Cereal crops, Spring	2	
Clovers	9	
Collards	18	
Corn, IR/IMR Field	0	
Corn, Normal Field and IT Field	1	
Corn, Seed	2	
Corn, Sweet and Pop	3	
Cotton	4	
Cucumbers	9	2 months in the northeast, midwest, and southeast, 3 months in TX
Eggplant	12	
Forage Grasses	2	
Lettuce crops	18	
Melons	9	2 months in the southeast and TX
Mint	15	
Oats	2	
Onions and Leeks	18	
Peanuts	6	
Peas	9	
Peas, Field	9	
Peppers	10	3 months in TX
Potatoes	9	
Pumpkins	9	2 months in the southeast
Proso Millet	2	
Radish	12	
Rice	0	
Rye (winter)	2	
Sorghums	2	
Soybeans	9	Where soil pH is less than 7.5 the interval is 5 months
Spinach	24	
Squash	9	2 months in the southeast
Strawberries	36	
Sugarbeet (Michigan only)	21	
Sugarbeet (ND, MN, Red River Valley)	36	
Sugarbeet and Red Beet	24	Where rainfall is sparse or irrigation is required, the time interval is 36 months.
Sugarcane	0	
Sunflowers	18	
Tomato	8	2 months in the northeast, Midwest, and southeast, 3 months in TX
Wheat (winter)	2	

STATE REGISTRATION LIST

Southeast: AR, LA, MS, OK, TN, TX, Puerto Rico

Northeast & Midwest: CO, IA, IL, IN, KS, KY, MI, MN, MO, MT, ND, NE, NY, OH, PA, SD, WI, WY

STORAGE AND DISPOSAL

DO NOT contaminate water, food, feed or seed by storage or disposal.

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill for pesticide disposal or in accordance with applicable Federal, state or local procedures.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, 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.

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

For other product information, contact Canyon Group or see Material 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 Canyon Group. To the fullest extent permitted by law, when you buy this product, you agree to accept these risks.

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