



# SHARK<sup>®</sup>

## EW

### HERBICIDE

## INTENDED FOR AGRICULTURAL OR COMMERCIAL USE

EPA Reg. No. 279-3242

EPA Est. No. 279-

Active Ingredient:	By Wt.
Carfentrazone-ethyl .....	21.3%
Other Ingredients: .....	78.7%
Total	100.0%

This product contains 1.9 pounds active ingredient per gallon.

Contains Petroleum Distillates

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**If on Skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 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:** Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

### 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 1-800-331-3148 for emergency medical treatment information.

**Note to Physician:** Carfentrazone-ethyl is expected to have low oral and dermal toxicity, and moderate inhalation toxicity. It is expected to be slightly irritating to the skin and minimally irritating to the eyes. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care.

See other panels for additional precautionary information.

ACTIVE INGREDIENT MADE IN CHINA, FORMULATED AND PACKAGED IN USA.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans (and Domestic Animals)

#### Caution

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid breathing vapors. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

#### 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 PPE separately from other laundry.

#### User Safety Recommendations:

- 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.

## ENVIRONMENTAL HAZARDS

Carfentrazone-ethyl is very toxic to algae and moderately toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the high water mark, except as specified on this label. Do not contaminate water when disposing of equipment wash.

#### For ground water:

Residues of this chemical have properties and characteristics associated with chemicals detected in ground water. Residues of this chemical may leach into ground water if the chemical is used in areas where soils are permeable, particularly where the water table is shallow.

#### For surface water:

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of carfentrazone-ethyl residues from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

#### Physical/Chemical Hazards

Do not use or store near heat or open flame.



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## 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 through any type of irrigation system.

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: Long-sleeve shirt and pants, waterproof gloves, and shoes plus socks.

## Non-Agricultural Use Requirements

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

**Re-entry Statement:** Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

## STORAGE AND DISPOSAL

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

### Pesticide Storage

Not for use or storage in or around the home.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put formulated or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by inappropriate storage or disposal.

In case of spill, avoid contact, isolate area and keep out unprotected persons and animals. Confine spills. **Call CHEMTREC (Transportation and spills): (800) 424-9300.**

To confine spill: Dike surrounding area, sweep up spillage. Dispose of in accordance with information given under Pesticide Disposal. Wash spill area with water, absorb with sand, cat litter or commercial clay, sweep up and dispose of in an approved manner. Place damaged container in a larger holding container. Identify contents per required hazardous waste labeling regulations.

### Pesticide Disposal

Waste resulting from the use of this product may be disposed of at an approved waste disposal facility.

### Container Handling

**Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: (For containers greater than 5 gallons) Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. (For containers 5 gallons or less) 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, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Returnable/Refillable Containers** - Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. If unable to return or refill, offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PRODUCT INFORMATION

SHARK EW Herbicide is an emulsion oil in water formulation. SHARK EW Herbicide is to be mixed with water, liquid fertilizer or mixtures of water and liquid fertilizer and adjuvants and applied to labeled crops and non-crop areas for selective postemergence control of broadleaf weeds, for sucker control, for burndown prior to planting, as a harvest aid and to defoliate/desiccate labeled crops.

Weed control is optimized when the product is applied to actively growing weeds. SHARK EW Herbicide is a contact herbicide. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation.

Extremes in environmental conditions such as temperature, moisture, soil conditions, and cultural practices may affect the activity of SHARK EW Herbicide. symptoms may be accelerated under moist conditions. Weed control may be reduced when weeds are hardened off by drought and become less susceptible to SHARK EW Herbicide.

SHARK EW Herbicide is rapidly absorbed through the foliage of plants. To avoid significant crop response, applications should not be made within 6 to 8 hours of either rain or irrigation or when heavy dew is present on the crop. Environmental conditions and with certain spray tank additives may increase herbicidal symptoms on the crop.

## TANK MIXTURES

SHARK EW Herbicide may be tank-mixed with other registered herbicides for controlling broader spectrum weeds. Refer to this and other products' labels for mixing instructions, precautions, and restrictions. Follow the most restrictive instructions for each tank mix partner. When preparing a new tank mix conduct an appropriate compatibility test by

mixing proportional amounts of all spray ingredients in a test vessel (jar) prior to tank mixing with other products. Shake the mixture vigorously and allow it to stand for five to ten minutes. Rapid precipitation of the ingredients and failure to re-suspend when shaken indicates that the mixture is incompatible and should not be applied. Provided the jar test indicates the mixture to be compatible, prepare the tank mixture as follows: Fill the tank one fourth full with water. With the agitator operating, add the recommended amounts of ingredients using the following order: dry granules first, and liquid suspensions (flowables) second. As the agitation continues and the tank is filled with water add emulsifiable concentrate products third followed by the addition of water soluble products.

## ADJUVANT USE REQUIREMENTS

The use of a quality spray adjuvant is required for optimum performance. Refer to the individual crop sections of this label for specific adjuvant type and use rates.

## ON-FARM TESTING

Not all varieties or cultivars of labeled crops have been fully evaluated under all environmental and soil conditions. Consult with your local seed company for additional information.

It may also be beneficial to conduct small on-farm trials under actual conditions with specific varieties or cultivars before treating large acreage.

## MIXING INFORMATION

### Mixing and Loading Instructions

Start by filling the tank with ¾ of the desired volume of clean water and, with agitation, add the proper amount of SHARK EW Herbicide. Complete filling the spray tank to the desired volume. Maintain sufficient agitation to keep materials in solution during both mixing and application and until the spray tank has been emptied. For tank mixtures, follow your local extension guidelines for mixing order. General guidelines are: add dry materials first and agitate until mixed; then EW or water soluble liquids; then EC formulations; then, add adjuvants last. Ensure the compatibility of other products and/or liquid fertilizers with SHARK EW Herbicide before mixing them together in the spray tank.

### Mixing Precautions

Avoid the overnight storage of SHARK EW Herbicide spray mixtures. If spray solution is stored overnight or longer, thoroughly agitate spray mixture before applying the solution. Premixing SHARK EW Herbicide spray solutions in nurse tanks is not recommended. Maintain continuous and adequate spray solution agitation until all the spray solution has been used. Do not use with tank additives that alter the pH of the spray solution below pH 5 or above pH 8. Buffer spray solution to alter the pH range as appropriate.

## SPRAY EQUIPMENT CLEAN-OUT

Many new pesticides are very active at low rates, especially to sensitive crops. Residues left in mixing equipment, spray tanks, hoses, spray booms and nozzles can cause crop effects if they are not properly cleaned. As soon as possible after spraying SHARK EW Herbicide and before using the sprayer equipment for any other applications, the sprayer equipment must be thoroughly cleaned using the following procedure. In addition, users must take appropriate steps to ensure proper equipment clean-out for any other products mixed with SHARK EW Herbicide as required on the other product labels. More complete cleaning can be achieved if the spray system is cleaned immediately following the application.

1. Drain sprayer tank, hoses, spray boom and spray nozzles. Use a high-pressure detergent wash to remove physical sediment and residues from the inside of the sprayer tank and thoroughly rinse. Then, thoroughly flush sprayer hoses, spray boom and spray nozzles with a clean water rinse. Remove and clean spray tips and all filters and screens (tank, spray hose and spray tips) separately in the ammonia solution of Step 2.
2. Next, prepare a sprayer cleaning solution by adding three gallons of ammonia (containing at least 3% active) per 100 gallons of clean water. Prepare sufficient cleaning solution to allow the operation of the spray system for a minimum of 15 minutes to thoroughly flush hoses, spray boom and spray nozzles.
3. Convenient and thorough cleaning of the sprayer can be achieved if the ammonia solution or fresh water is left in the spray tank, hoses, spray booms and spray nozzles overnight or during storage.
4. Before using the sprayer, completely drain the sprayer system. Rinse the tank with clean water and flush through the hoses, spray boom, and spray nozzles with clean water.
5. Properly dispose of all cleaning solution and rinsate in accordance with Federal, State, and local regulations and guidelines.

Do not apply sprayer cleaning solutions or rinsate to sensitive crops.

Do not store the sprayer overnight or for any extended period of time with SHARK EW Herbicide spray solution remaining in the tank, spray lines, spray boom plumbing, spray nozzles or strainers.

If the sprayer has been stored or idle, purge the spray boom and nozzles with clean water before beginning any application.

Should small quantities of SHARK EW Herbicide remain in inadequately cleaned mixing, loading and/or spray equipment, they may be released

during subsequent applications potentially causing effects to certain crops and other vegetation. FMC accepts no liability for any effects due to inadequately cleaned equipment.

## APPLICATION METHODS

### GROUND APPLICATION

Use ground sprayers designed, calibrated and operated to deliver uniform spray droplets to the targeted plant or plant parts. Adjust sprayer nozzles to achieve uniform plant coverage. Overlaps and slower ground speeds (caused by continuing to spray while starting, stopping or turning) may result in higher application rates and possible crop response.

### Spray Buffer for Ground Application

Spray buffer zones for ground applications, listed in chart below, are required near desirable perennial vegetation or crops before blossom and after total leaf drop, and/or near other desirable or annual crops.

Buffers For Ground Application		
SHARK EW Herbicide USE RATE (lb ai per acre)	Low Spray Boom Buffer (ft)	High Spray Boom Buffer (ft)
0.024	20	33
0.031	26	46

### Broadcast Boom Sprayers

Use a broadcast boom sprayer equipped with the appropriate nozzles, spray tips and screens and adjusted to provide optimum spray distribution and coverage at the appropriate operating pressures. Use nozzles that produce minimal amounts of fine spray droplets. Do not exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reducing nozzles. Apply a minimum of 10 gallons of finished spray per acre. Use higher spray volumes when there is a dense weed population or crop canopy. Adjust sprayers to position spray tips no lower than 12-18 inches above the crop or weed canopy depending on the nozzle specification. Operate the sprayer to avoid the application of high herbicide rates directly over the rows or into the whorl of treated crop plants.

### Directed Sprayers

For directed sprayers, apply SHARK EW Herbicide with drop nozzles or other post-directed spray equipment.

### Post-Directed Applications

Post-directed applications may be utilized when labeled crops have reached minimum growth stages where sprays may be directed to the target weeds but is not deposited on the green stem, foliage, blooms or fruit of the crop. Do not apply when conditions favor drift or when wind speed is above 10 mph.

Use drop nozzles or other spray equipment capable of directing the spray to target weeds and away from sensitive plant parts. Apply when labeled crops have reached minimum growth stages described in specific crop sections of this label and when spray will not be deposited on green stems, foliage, blossoms or fruit.

### Hooded Sprayers

To apply SHARK EW Herbicide using a hooded sprayer, refer to the Hooded Sprayer Section for specific adjustment and operation instructions. For additional information, refer to the individual crop sections of this label.

### Handheld or high volume orchard gun sprayers

SHARK EW Herbicide may be applied to certain labeled crops and non-crop areas with hand operated sprayers such as backpack sprayers, compression sprayers, knapsack sprayers, or high volume orchard gun sprayers. Directed applications may be utilized when labeled crops have reached minimum growth stages where sprays may be directed to the target weeds, but is not deposited on the green stem, foliage, blooms or fruit of the crop. Refer to individual crop sections of this label.

## AERIAL APPLICATION

Use nozzle types and arrangements that will provide optimum coverage while producing a minimal amount of fine droplets. Apply at a minimum of 3 gallons of finished spray per acre. Spray volumes greater than 3 GPA may be needed for harvest aid and defoliation treatments, or for dense weed populations or with heavy crop canopies.

### For Aerial Application in California:

**(Refer to individual crop sections to see if SHARK EW Herbicide application is permitted by air)**

For applications near desirable perennial vegetation or crops before blossom and after total leaf drop, and/or near other desirable or annual crops:

- Do not apply within 100 feet of all desirable vegetation or crops.
- If wind up to 10 miles per hour is blowing toward desirable vegetation or crops, do not apply within 500 feet of the desirable vegetation or crops.
- Do not apply when winds are in excess of 10 mph or when inversion conditions exist.

## SPRAY DRIFT MANAGEMENT

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

SHARK EW Herbicide is a contact PPO herbicide. Avoid any drift conditions that would allow the product to contact desirable vegetation. SHARK EW Herbicide is not volatile; however, mist from spray drift may

cause injury to sensitive plants.

The interaction of 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.

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

Where states have more stringent regulations, they must be observed.

## INFORMATION ON DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets. The optimum 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 when applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

For all non-aerial applications, wind speed must be measured adjacent to the application site, on the upwind side, immediately prior to application.

### Controlling Spray Droplet Size

**Volume Median Diameter (VMD)** – VMD is the expression of the droplet size of the spray cloud. The VMD value means that 50% of the droplets are larger than the expressed value and 50% of the droplets are smaller than the expressed value. Optimum SHARK EW Herbicide spray clouds should be 450 microns with fewer than 10% of the droplets being 200 microns or less.

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

**Pressure** - Do not use pressures greater than that specified by the nozzle manufacturer. 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** – For aerial application, orient nozzles so that the spray is released parallel to the airstream. A parallel orientation results in larger droplets than other orientations and reduces air turbulence and the production of small droplets. 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. For aerial applications, solid stream nozzles oriented straight back produce the largest droplets and potentially the least drift.

**Boom Length** - For some aerial 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** – Making applications at the lowest height that is safe reduces exposure of spray droplets to evaporation and wind movement. Aerial applications should not be made at a height greater than 10 feet above the top of the target plants unless a greater height is required for aircraft safety.

**Swath Adjustment** - Swath adjustment distance must increase, with increasing drift potential (higher wind, smaller drops, etc.).

**Wind** - Drift potential is lowest between wind speeds of 3 to 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Applications shall be avoided below 3 mph due to variable wind direction and high inversion potential. Do not apply SHARK EW Herbicide when wind speed exceeds 10 mph. NOTE: Local terrain can influence wind patterns. Every applicator shall 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** – Do not apply SHARK EW Herbicide during a temperature inversion because the 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 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 following 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** – SHARK EW Herbicide shall only be applied when the wind is blowing away from adjacent sensitive areas (e.g., residential areas, bodies of water, known habitats for threatened or endangered species and non-target crops).

## ALLOWABLE SHARK EW Herbicide USE INFORMATION

Refer to the crop section of this label for specific product use directions.

Table 1:

Maximum Allowable SHARK EW Herbicide Use Per Acre Per Season* for Crop or Subgroup		
Crop Group/Subgroup	Maximum Rate SHARK EW Herbicide (fl oz/acre) per Season	Maximum Rate SHARK EW Herbicide (lb ai/acre) per Season
Alfalfa and Clover (Group 18)	2.5	0.04
Alfalfa and Clover (Group 18) harvest aid only	3.84	0.06
Asparagus	3.84	0.06
Banana	7.9	0.124
Berry, low growing (Subgroup 13-07G)	6.15	0.096
Bushberry (Subgroup 13-07B)	6.15	0.096
Cacao	7.9	0.124
Caneberry (Subgroup 13-07A)	25.6	0.4
Citrus fruit (Group 10-10)	7.9	0.124
Coconut	7.9	0.124
Coffee	7.9	0.124
Corn	2.0	0.031
Cotton	7.9	0.124
Cotton, harvest aid only	3.2	0.05
Date	7.9	0.124
Fig	7.9	0.124
Fruit, small vine climbing – except fuzzy kiwifruit (Subgroup 13-07F)	7.9	0.124
Grass (Group 17)	5.95	0.093
Guayule	7.9	0.124
Herbs and Spices (Group 19)	6.15	0.096
Hops	7.7	0.12
Horseradish	6.15	0.096
Indian Mulberry	7.9	0.124
Kiwifruit	7.9	0.124
Mint	1.92	0.030
Nut, Tree (Group 14-12)	7.9	0.124
Oil Seed – except cottonseed (Group 20)	6.15	0.096
Olive	7.9	0.124
Palm Heart	7.9	0.124
Peanut	6.15	0.096
Peanut (harvest aid)	2.0	0.031
Persimmon	7.9	0.124
Pome fruit (Group 11-10)	7.9	0.124
Pomegranate	7.9	0.124
Small Grains	2.0	0.031
Sorghum (harvest aid)	1.0	0.016
Sorghum (grown for seed and grain)	1.0	0.016
Soybeans (preplant, in-season and harvest aid)	1.5	0.023
Stone fruit (Group 12-12)	7.9	0.124
Sugarcane	6.15	0.096
Sugarcane (harvest aid)	2.0	0.031
Tea	7.9	0.124
Tobacco	3.2	0.05
Tropical fruit Trees	6.15	0.096
Vanilla	7.9	0.124
Vegetable, brassica (Group 5)	6.15	0.096
Vegetable, bulb (Group 3-07)	6.15	0.096
Vegetable, cucurbit (Group 9)	6.15	0.096
Vegetable, foliage of legume (Group 7)	6.15	0.096
Vegetable, fruiting (Group 8-10)	6.15	0.096
Vegetable, leafy except Brassica (Group 4)	6.15	0.096
Vegetable, leaves of root and tuber (Group 2)	6.15	0.096
Vegetable, legume (Group 6 - except soybean)	6.15	0.096
Vegetable, root (Subgroups 1A and 1B)	6.15	0.096
Vegetable, tuberous and corm (Subgroups 1C and 1D)	11.6	0.181

\*The total allowable usage includes all applications made to the field per calendar year. This includes fallow treatments, burndown treatments and all in-season treatments, including harvest aid.

## PREHARVEST INTERVALS

Refer to the crop section of this label for specific product use directions.

Table 2:

Preharvest Intervals (PHI) or Maximum Growth Stage for SHARK EW Herbicide Applications	
Crop Group/Subgroup	PHI (Days Before Harvest) or Growth Stage
Alfalfa and Clover (Group 18) grown for Forage and /or Hay	21
Alfalfa and Clover (Group 18) grown for Seed	3
Asparagus	5
Banana	3
Berry, low growing (Subgroup 13-07G)	0
Bushberry (Subgroup 13-07B)	0
Cacao	3
Caneberry (Subgroup 13-07A)	15
Citrus fruit (Group 10-10)	3
Coconut	3
Coffee	3
Corn	14 Leaf Collars
Corn, Sweet corn grown for seed, popcorn, field corn (harvest aid)	3
Cotton (harvest aid)	7
Cotton (preplant and in-season)	7
Date	3
Fruit, small vine climbing – except fuzzy kiwifruit (Subgroup 13-07F)	3
Fig	3
Grass (Group 17)	0
Guayule	3
Herbs and Spices (Group 19)	0
Hops	7
Horseradish	0
Indian Mulberry	3
Kiwifruit	3
Mint	5
Nut, Tree (Group 14-12)	3
Oil Seeds (Group 20 – except cottonseed)	0
Olive	3
Palm Heart	3
Peanut	7
Persimmon	3
Pome fruit (Group 11-10)	3
Pomegranate	3
Small Grains (Except winter wheat)	Jointing Stage
Small Grains (harvest aid) – include Winter Wheat	7
Sorghum (harvest aid)	3
Sorghum (grown for seed and grain)	14 Leaf Collars Stage
Soybean (harvest aid)	3
Soybeans (preplant and in-season)	V10
Stone fruit (Group 12-12)	3
Sugarcane	7
Tea	3
Tobacco	6
Tropical fruit	0
Vanilla	3
Vegetable, brassica (Group 5)	0
Vegetable, bulb (Group 3-07)	0
Vegetable, cucurbit (Group 9)	0
Vegetable, foliage of legume (Group 7)	0
Vegetable, fruiting (Group 8-10)	0
Vegetable, leafy except brassica (Group 4)	0
Vegetable, leaves of root and tuber (Group 2)	0
Vegetable, legume (Group 6 – except soybeans)	0
Vegetable, root (Subgroups 1A and 1B)	0
Vegetable, tuberous and corm (Subgroups 1C and 1D)	7

## CROP ROTATIONAL RESTRICTIONS

Following an application of SHARK EW Herbicide, a treated field may be rotated to a registered crop at any time, subject to specific crop restrictions that may be found in the individual crop sections. All other crops may be planted after 12 months.

## WEED CONTROL

When used as directed, SHARK EW Herbicide will provide control of the listed weeds up to four (4) inches in height, or as specified.

Table 3:

<b>Weeds Controlled</b>	<b>SHARK EW Herbicide Use Rate fl. oz. ( pound active ingredient) per acre</b>	
Lambsquarters, common (up to 3 inches tall)	0.5 fl. oz. (0.008 pound active ingredient) per acre	
Morningglory, ivyleaf (up to 3 leaves)		
Morningglory, pitted (up to 3 leaves)		
Nightshade, Eastern black		
Pigweed, redroot		
Velvetleaf		
Waterhemp (up to 2 inches tall)		
<b>Weeds Controlled</b>	<b>SHARK EW Herbicide Use Rate fl. oz. ( pound active ingredient) per acre</b>	
All the weeds controlled at 0.5 fl. oz. (0.008 pound active) per acre plus the weeds listed below:	0.8 fl. oz. (0.013 pound active ingredient) per acre	
Cheeseweed		
Filaree, redstem		
Flaxweed		
Lambsquarters, common		
Mallow, common		
Morningglory, entireleaf		
Morningglory, ivyleaf		
Morningglory, pitted		
Morningglory, scarlet		
Nightshade, hairy		
Pennycress, field		
Pigweed, prostrate		
Pigweed, smooth		
Pigweed, tumble		
Purslane, common		
Sesbania, hemp		
<b>Weeds Controlled</b>	<b>SHARK EW Herbicide Use Rate fl. oz. ( pound active ingredient) per acre</b>	
All the weeds controlled at 0.8 fl. oz. (0.013 pound active) per acre plus the weeds listed below:	1.0 fl. oz. (0.016 pound active ingredient) per acre	
Amaranth, spiny		
Anoda, spurred		
Bedstraw, catchweed		
Buffalobur		
Carpetweed		
Cocklebur		
Copperleaf, hophornbeam		
Cotton, GMO Varieties		
Cotton, volunteer		
Eclipta		
Fiddleneck, coast		
Groundcherry, smooth (seedling)		
Groundcherry, Wright's		
Jimsonweed		
Kochia		
Lettuce, Prickly 2-3 leaf		
Nettle, burning		
Nightshade, American black		
Nightshade, black		
Rocket, London		
Shepherdspurse		
Speedwell, Virginia		
Spiderwort, tropical		
Thistle, Russian (up to 2 inches tall)		
Wallflower, bushy		
<b>Weeds Controlled</b>		<b>SHARK EW Herbicide Use Rate fl. oz. ( pound active ingredient) per acre</b>
All the weeds controlled at 1.1 fl. oz. (0.016 pound active) per acre plus the weeds listed below:		1.6 fl. oz. (0.025 pound active ingredient) per acre
Amaranth, Palmer		
Corn Spurry		
Filaree, broadleaf		
Filaree, white		
Lettuce, prickly		
Mallow, Venice (up to 2 inches tall)		
Meadowfoam		
Redmaids		

**Burndown of top growth**

Weeds Controlled	SHARK EW Herbicide Use Rate fl. oz. ( pound active ingredient) per acre
Bindweed, field	1.0 - 2.0 fl. oz. (0.016 – 0.032 pound active ingredient) per acre
Burclover	
Dayflower	
Sage, lanceleaf	
Sowthistle	

**AGRICULTURE FARM AND FARMSTEAD USE**

SHARK EW Herbicide may be used for general broadleaf weed control on farms and farmsteads in areas outside of crop growing areas. See the rate and weed table to determine the proper rate for areas such as grass waterways, field edges, terraces, equipment storage areas, shelter belts, fence lines, farm buildings, dry ditch, canal banks etc. SHARK EW Herbicide is a contact herbicide and coverage is essential for good weed control. SHARK EW Herbicide will control emerged weeds only. Weeds that germinate after application will require repeat treatments.

**Precautions**

Extreme caution must be used to avoid contact with desirable vegetation. Do not spray or allow spray mist of SHARK EW Herbicide to come in contact with green stem tissue, foliage, blooms or desirable fruit.

**BOOM EQUIPMENT**

Apply SHARK EW Herbicide at up to 2.0 fl oz (0.031 pound active ingredient) per acre.

**Adjuvant Requirements**

A nonionic surfactant crop oil concentrate or methylated seed oil is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient or a petroleum or oil seed based crop oil concentrate (COC) at 1.5 to 2% v/v (1.5 to 2.0 gallons per 100 gallons of spray solution) or a methylated seed oil (MSO). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons) or ammonium sulfate at 2 to 4 pounds per acre in addition to the selected NIS, MSO or COC is allowed.

**Tank Mixes for Boom Equipment**

SHARK EW Herbicide may be mixed with other herbicides labeled for this method of application in non-crop areas for broader spectrum weed control. See Mixing and Loading Instructions under the PRODUCT INFORMATION section of this label for specific mixing instructions. Refer to this and the other products' labels for mixing instructions, precautions, and restrictions. Follow the most restrictive instructions for each tank-mix partner.

**SPOT TREATMENTS (Applications with hand operated sprayer such as backpack sprayers, compression sprayers, knapsack sprayers.)**

Mix the amount of SHARK EW Herbicide for the desired percent spray solution from the table below. These mixtures are based on 1 gallon of solution evenly covering 1000 square feet. Applications should be made on a spray-to-wet basis. Spray coverage should be uniform and complete. Do not spray to runoff. See Table 4 for weeds controlled at specific concentrations. Use lower concentrations for small seedling weeds at the 2-3 leaf stage. Higher concentrations are needed for larger weeds up to the 6-leaf stage. Applications beyond the 6-leaf stage may result in only partial control. SHARK EW Herbicide may be mixed with other labeled herbicides e.g., glyphosate, glufosinate, and paraquat for broader spectrum weed control.

**Table 4:**

Desired Volume	Amount SHARK EW Herbicide				
	0.5 fl oz/acre	0.8 fl oz/acre	1.0 fl oz/acre	1.6 fl oz/acre	2.0 fl oz/acre
1 Gal	0.4 ml	0.6 ml	0.7 ml	1.1 ml	1.4 ml
5 Gal	1.7 ml	2.7 ml	3.4 ml	5.4 ml	6.8 ml
25 Gal	8.5 ml	13.6 ml	17.0 ml	27.2 ml	34.0 ml

**Adjuvant Requirements for Spot Treatments**

A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v having at least 80% active ingredient, or a methylated seed oil (MSO), or crop oil concentrate (COC) (petroleum or seed oil) at 1 to 2% v/v. A high quality sprayable liquid nitrogen fertilizer at 2 to 4 % v/v or ammonium sulfate (AMS) at the rate of .75 to 1.5 ounces per gallon in addition to the nonionic surfactant methylated seed oil or crop oil is allowed.

**Table 5:**

Desired Volume	Recommended Adjuvants				
	NIS 0.25% v/v	COC or MSO		Liquid Nitrogen	
		1.5% v/v	2.0% v/v	2.0% v/v	4.0% v/v
1 Gal	0.35 fl oz	1.9 fl oz	2.5 fl oz	2.5 fl oz	5.0 fl oz
5 Gal	1.6 fl oz	9.6 fl oz	12.8 fl oz	12.8 fl oz	25.6 fl oz
25 Gal	8.0 fl oz	47 fl oz	2 qt	2 qt	4 qt

**PREPLANT BURNDOWN**

Apply SHARK EW Herbicide alone or with other herbicides or liquid fertilizers as a burn-down treatment to control or suppress weeds. SHARK EW Herbicide is effective as a burndown treatment for previous crops prior to new plantings. Apply up to 2.0 fl. oz SHARK EW Herbicide (0.031 pound active ingredient) per acre. Do not exceed the applicable amounts as listed for the specific crop in Table 1, ALLOWABLE SHARK EW Herbicide USE INFORMATION. For optimum performance, make applications to actively growing weeds up to 4 inches high or rosettes less than 3 inches across. **Coverage is essential for good control.** Optimum broad-spectrum control of annual and perennial weeds requires a tank mix with labeled burndown herbicides e.g. glyphosate, glufosinate, paraquat, 2,4-D, or dicamba.

Apply SHARK EW Herbicide as a burndown treatment no later than one (1) day after planting by seed to any of the following crops. (See specific crop section for other precautions or restrictions)
Alfalfa and Clover (Crop Group 18)
Cereal grains (Crop Group 15)
Grasses (Crop Group 17)
Oil Seed (Crop Group 20 – except cottonseed)
Peanut
Soybean
Sugarcane
Vegetables, legume (succulent or dried) (Crop Group 6)
Vegetable, tuberous and corm (Subgroup 1C)
Apply SHARK EW Herbicide as a burndown treatment no later than one (1) day before transplanting any of the following crops.
Avocado
Banana
Berry, low growing subgroup 13-07G
Cacao
Coconut
Coffee
Date
Fig
Fruit, citrus (Crop Group 10-10)
Fruit, pome (Crop Group 11-10)
Fruit, stone (Crop Group 12-12)
Guayule
Hops
Horseradish
Indian Mulberry
Kiwifruit
Nuts, tree (Crop Group 14-12)
Olive
Palm Heart
Persimmon
Pomegranate
Small Fruit Vine, Climbing – except fuzzy kiwifruit (Subgroup 13-07F)
Tea
Tobacco
Vanilla
For transplants (not seeded) of the following crops
Vegetables, brassica (Crop Group 5)
Vegetable, cucurbit (Crop Group 9)
Vegetable, fruiting (Crop Group 8-10)
Vegetables, leafy except brassica (Crop Group 4)
Apply SHARK EW Herbicide as a burndown treatment no later than seven (7) days before planting by seed any of the following crops.
Vegetables, brassica (Crop Group 5)
Vegetable, cucurbit (Crop Group 9)
Vegetable, fruiting (Crop Group 8-10)
Vegetable, leafy except brassica (Crop Group 4)
Vegetable, tuberous and corm (Crop Subgroups 1C and 1D)
Apply SHARK EW Herbicide as a burndown treatment no later than thirty (30) days before planting by seed any of the following crops.
Sugarbeet
Vegetable, bulb (Crop Group 3-07)

### Adjuvant Requirements for Preplant Burndown

A nonionic surfactant crop oil concentrate or methylated seed oil is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient or a petroleum or oil seed based crop oil concentrate (COC) at 1.0 to 2 % v/v (1.0 to 2.0 gallons per 100 gallons of spray solution) or a methylated seed oil (MSO). A high quality sprayable liquid nitrogen fertilizer at 2 to 4 % v/v (2 to 4 gallons per 100 gallons) or ammonium sulfate at 2 to 4 pounds per acre in addition to the selected NIS, MSO or COC is allowed.

### SHARK EW Herbicide Plus Glyphosate or Glufosinate

Apply SHARK EW Herbicide at 2.0 fl oz (0.031 pound active ingredient) per acre in combination with glyphosate or glufosinate products at their labeled rates for increased speed of activity and improved control of weeds listed below.

When applied as directed, SHARK EW Herbicide plus labeled herbicides such as glyphosate, glufosinate, or paraquat, will provide increased speed of activity and improved control of weeds listed below in Table 6 plus the weeds listed in Table 3 for the rate of AM EW used.

Table 6:

Buttercup, smallflower	Morningglory, spp.
Chickweed	Pennycress, field
Curled Dock	Prostrate knotweed
Cutleaf Evening Primrose	Purslane, common
Bindweed, field	Smartweed, PA
Dandelion, common	Star-of-Bethlehem
*Fleabane	Shepherdspurse
Groundsel	Tansymustard
Henbit	Thistle, Russian
Kochia	Thistles, annual & biennial
Lambsquarters, common	Wild buckwheat
*Marestail	Wild hemp

\*glyphosate susceptible marestail and fleabane

When tank mixing with fertilizer solutions, be sure to prepare an SHARK EW Herbicide premixture of SHARK EW Herbicide and clean water.

For other specific mixing instructions, refer to the Mixing and Loading Instructions under the **PRODUCT INFORMATION** section.

### HOODED SPRAYER APPLICATIONS

Apply SHARK EW Herbicide to the row middles of the following emerged crops using hooded sprayers to control labeled weeds between the rows of the below listed emerged crops. This treatment is for crops grown in rows, and includes crops grown in rows where mulch or plastic barriers are used as a weed control tool in the drill or plant line.

Hooded sprayers must be designed, adjusted and operated in such a manner to totally enclose the spray pattern and to prevent any spray deposition to green stem tissue, foliage, blooms or fruit of the crop.

Sprayers shall not be operated at more than five (5) miles per hour in order to minimize vertical movement of the sprayer during application, including the bouncing or raising of the equipment. Use extreme care in applying to fields where the soil surface is uneven, has deep furrows, drains or other contours that would disturb the adjustment and positioning of the spray equipment and/or the spray pattern. Applications must not be made when wind conditions may disturb the spray patterns and result in spray deposition to sensitive plants or plant parts.

For optimum performance, make application to actively growing weeds up to 4 inches tall and rosettes less than 3 inches across. **Coverage is essential for good control.**

### Crops labeled for Hooded Sprayers

Hooded Spray application can be used for all crops listed on this SHARK EW Herbicide label.

**Note: Crop injury will occur when spray is allowed to come in contact with the green stem tissue, leaves, blooms or fruit of the crop.**

See listing for individual commodities contained within the respective Crop groups:

**Vegetable, Root and Tuber (Group 1) including:** Arracacha, Arrowroot, Chinese Artichoke, Jerusalem Artichoke, Garden Beet, Sugar Beet, Edible Burdock, Edible Cannia, Carrot; Bitter and Sweet Cassava, Celeriac, Chayote (root), Turnip-rooted Chervil, Chicory, Chufa, Dasheen (taro), Ginger, Ginseng, Horseradish, Leren, Turnip-rooted Parsley, Parsnip, Potato, Radish, Oriental (daikon) Radish, Rutabaga, Salsify, Black Salsify, Spanish Salsify, Skirret, Sweet Potato, Tanier, Turmeric, Turnip, Yam bean; True Yam

**Vegetable, leaves of root and tuber (Group 2) including:** Garden Beet, Sugar Beet, Edible Burdock, Carrot, Bitter and Sweet Cassava, Celeriac, Chervil, Turnip-rooted, Chicory, Dasheen (taro), Parsnip, Radish, Oriental (daikon) Radish, Rutabaga, Black Salsify, Sweet Potato, Tanier, Turnip, True Yam

**Vegetable, bulb (Group 3-07) including:** Fresh Leaves Chive, Chinese Fresh Leaves Chive, Bulb Daylily, Elegans Hosta; Bulb Fritillaria, Leaves Fritillaria, Bulb Garlic, Great-headed Garlic, Serpent Bulb Garlic, Kurrat; Lady's Leek, Leek, Wild Leek, Bulb Lily, Beltsville Bunching Onion, Bulb Onion, Chinese Bulb Onion, Fresh Onion, Green Onion, Macrostem Onion, Pearl Onion, Potato Bulb Onion, Tree Tops Onion, Welsh Tops Onion, Bulb Shallot, Fresh Leaves shallot, and cultivars, varieties, and/or hybrids of these

**Vegetable, leafy except brassica (Group 4) including:** Amaranth (Chinese Spinach), Arugula (Roquette), Cardoon, Celery, Chinese Celery, Celtuce, Chervil, Edible-Leaved Chrysanthemum, Garland Chrysanthemum, Corn Salad, Cress, Garden, Upland Cress, Dandelion, Dock (Sorrel), Endive (Escarole), Florence Fennel, Head And Leaf Lettuce, Orach, Parsley, Garden Purslane, Winter Purslane, Radicchio (Red Chicory), Rhubarb, Spinach, New Zealand Spinach, Vine Spinach, Swiss Chard

**Vegetable, brassica (Group 5) including:** Broccoli; Chinese Broccoli, (gai lon), Broccoli Raab (rapini), Brussels Sprouts, Cabbage, Chinese Cabbage, (bok choy); Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Cauliflower, Cavallo Broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens

**Vegetable, legume, except soybean (succulent or dried) (Group 6) including:** Bean (*Lupinus* spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin); bean (*Phaseolus* spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean); bean (*Vigna* spp.) (includes 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 (fava); chickpea (garbanzo); guar; jackbean; lablab bean (hyacinth bean); lentil; pea (*Pisum* spp.) (includes dwarf pea, edible-podded pea, English pea, field pea, garden pea, green pea, snowpea, sugar snap pea); pigeon pea; soybean (immature seed); sword bean

**Vegetable, foliage of legume (Group 7) including:** Plant parts of any legume vegetable included in the legume vegetables group that will be used as animal feed

**Vegetable, fruiting (Group 8-10) including:** African Eggplant, Bush Tomato, Bell Pepper, Cocona, Currant Tomato, Eggplant, Garden Huckleberry, Goji Berry, Groundcherry, Martynia, Naranjilla, Okra, Pea Eggplant, Pepino, Non-Bell Pepper, Roselle, Scarlet Eggplant, Sunberry, Tomatillo, Tomato, Tree Tomato, and cultivars, varieties, and/or hybrids of these

**Vegetable, cucurbit (Group 9) including:** Chayote (fruit), Chinese Waxgourd (Chinese Preserving Melon), Citron Melon, Cucumber, Gherkin, Edible Gourd (includes Hyotan, Cucuzza, Hechima, Chinese Okra), *Momordica* spp. (includes Balsam Apple, Balsam Pear, Bittermelon, Chinese Cucumber), Muskmelon (includes Cantaloupe), Pumpkin, Summer Squash, Winter Squash (includes Butternut Squash, Calabaza, Hubbard Squash, Acorn Squash, Spaghetti Squash), Watermelon

**Citrus Fruit (Group 10-10) including:** Australian Desert Lime, Australian Finger-Lime, Australian Round Lime, Brown River Finger Lime, Calamondin, Citron, Citrus hybrids, Grapefruit, Japanese Summer Grapefruit, Kumquat, Lemon, Lime, Mediterranean Mandarin, Mount White Lime, New Guinea Wild Lime, Sour Orange; Sweet Orange, Pummelo, Russell River Lime, Satsuma Mandarin, Sweet Lime, Tachibana Orange, Tahiti Lime, Tangelo, Tangerine (Mandarin), Tangor, Trifoliolate Orange; Uniq Fruit, and cultivars, varieties, and/or hybrids of these

**Pome Fruit (Group 11-10) including:** Apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these

**Stone Fruit (Group 12-12) including:** Apricot, Japanese Apricot, Capulin, Black Cherry, Nanking Cherry, Sweet Cherry, Tart Cherry, Chinese Jujube, Nectarine, Peach, Plum, American Plum, Beach Plum, Canada Plum, Cherry Plum, Chickasaw Plum, Damson Plum, Japanese Plum, Klamath Plum, Prune Plum, Plumcot, Sloe and cultivars, varieties, and/or hybrids of these

**Caneberry (subgroup 13-07A) including:** Blackberry, Loganberry,

Black and Red Raspberry, Wild Raspberry, and cultivars, varieties, and/or hybrids of these

**Bushberry (subgroup 13-07B) including:** Aronia Berry, Highbush Blueberry, Lowbush Blueberry, Buffalo Currant, Chilean Guava, Highbush Cranberry, Black Currant, Red Currant, Elderberry, European Barberry, Gooseberry, Edible Honeysuckle, Huckleberry, Jostaberry, Juneberry (Saskatoon Berry), Lingonberry, Native Currant, Salal, Sea Buckthorn and cultivars, varieties, and/or hybrids of these

**Fruit, small vine climbing – except fuzzy kiwifruit (subgroup 13-07F) including:** Amur River Grape, Gooseberry, Grape, Hardy Kiwifruit, Maypop, Schisandra Berry and cultivars, varieties, and/or hybrids of these

**Berry, low growing (subgroup 13-07G) including:** Bearberry, Bilberry, Lowbush Blueberry, Cloudberry, Cranberry, Lingonberry, Muntries, Partridgeberry, Strawberry, and cultivars, varieties, and/or hybrids of these

**Tree Nuts (Group 14-12) including:** African Nut-Tree, Almond, Beechnut, Brazil Nut; Brazilian Pine, Bunya, Bur Oak, Butternut, Cajou Nut, Candlenut, Cashew, Chestnut, Chinquapin, Coconut, Coquito nut, Dika Nut, Ginkgo, Guiana Chestnut, Hazelnut (filbert); Heartnut, Hickory Nut, Japanese Horse-Chestnut, Macadamia Nut, Mongongo Nut, Monkey-Pot, Monkey Puzzle Nut, Okari Nut, Pachira Nut, Peach Palm Nut, Pecan, Pequi, Pili Nut, Pine Nut, Pistachio, Sapucaia Nut, Tropical Almond, Black Walnut, English Walnut, Yellowhorn and cultivars, varieties, and/or hybrids of these

**Cereal Grains (Group 15) including:** Barley, Buckwheat, Corn, Millet (Pearl and proso), Oats, Popcorn, Rye, Sorghum (milo), Teosinte, Triticale and Wheat.

**Forage, fodder and straw of Cereal Grains (Group 16) including** forage fodder and straw of all commodities included in the cereal grains (Group 15)

**Grasses (Group 17) including:** Any grass, Gramineae family (either green or cured) except sugarcane and those included in the cereal grains group, that will be fed to or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage

**Non-grass Animal Feed (Group 18) including:** Alfalfa, Velvet Bean, Clover (*Trifolium* spp., *Melilotus* spp.), Kudzu, Lespedeza, Lupin, Sainfoin, Trefoil, Vetch, Crown Vetch, Milk Vetch

**Herbs and Spices (Group 19) including:** Allspice, Angelica, Anise (seed), Star Anise, Annatto (seed), Balm (Lemon Balm), Basil (Fresh and Dried), Borage, Burnet, Camomile, Caper Buds, Caraway, Black Caraway, Cardamom, Cassia Bark, Cassia Buds, Catnip, Celery Seed, Chervil (dried), Chive, Chinese Chive, Cinnamon, Clary, Clove Buds, Coriander Leaf (Cilantro or Chinese Parsley), Coriander Seed (Cilantro), Costmary, Culantro (Leaf), Culantro (Seed), Cumin, Curry (Leaf), Dill (Dillweed), Dill (Seed), Fennel (Common), Florence Fennel (seed), Fenugreek, Grains of Paradise, Horehound, Hyssop, Juniper Berry, Lavender, Lemongrass, Lovage (leaf), Lovage (seed), Mace, Marigold, Marjoram (includes Sweet or Annual Marjoram, Wild Marjoram or Oregano, and Pot Marjoram), Mustard (Seed), Nasturtium, Nutmeg, Parsley (Dried), Pennyroyal, Black Pepper, White Pepper, Poppy (Seed), Rosemary, Rue, Saffron, Sage; Summer and Winter Savory, Sweet Bay, Tansy, Tarragon, Thyme, Vanilla, Wintergreen, Woodruff, Wormwood

**Oil Seeds (Subgroups 20A & 20B, except Cottonseed) including:** Borage, Crambe, Cuphea, Echium, Flax Seed, Gold of Pleasure, Hare's Ear Mustard, Lesquerella, Lunaria, Meadowfoam, Milkweed, Mustard Seed, Oil Radish, Poppy Seed, Rapeseed, Sesame, Sweet Rocket, Calendula, Castor Oil Plant, Chinese Tallowtree, Euphorbia, Evening Primrose, Jojoba, Niger Seed, Rose Hip, Safflower, Stokes Aster, Sunflower, Tallowwood, Tea Oil Plant, Vernonia and cultivars, varieties, and/or hybrids of these

**Tropical fruit:** including Acerola, Atemoya, Avocado, Biriba, Black Sapote, Canistel, Cherimoya, Custard apple, Feijoa, Guava, Jaboticaba, Llama, Longan, Lychee, Mamey Sapote, Mango, Papaya, Passionfruit, Pawpaw, Pulasan, Rambutan, Sapodilla, Sour sop Spanish lime, Star apple, Starfruit, Sugar apple, Wax jambu, Aloe vera, Cactus

## APPLICATION INSTRUCTIONS

**Alfalfa and Clover (Established Stands Only): Crop Group 18 Non-grass Animal Feed**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Postemergence Weed Control (Dormant, In-crop, and Stubble)</b>	Do not apply within 21 days of harvest for stands grown for forage and hay.	Refer to table 3	0.5-2.5 fl oz (0.008 – 0.04 pound active ingredient) per acre	Do not apply more than 2.5 fl oz (0.04 pound active ingredient) per acre per season for postemergence weed control applications in nongrass animal feeds.
<b>Harvest Aid</b>	Do not apply within 21 days of harvest for stands grown for forage and hay.  Do not apply within 3 days of harvest for stands grown for seed.	Refer to table 3	2.0 to 3.8 fl oz/A (0.031 – 0.06 pound active ingredient) per acre	After an application of this product to crop group 18 (nongrass animal feed crops), you may only rotate the field to a carfentrazone-ethyl registered crop.

### DIRECTIONS FOR USE

#### Postemergence Weed Control Treatment

##### Dormant Season (Fall or Winter Application Postemergence on Weeds)

SHARK EW Herbicide may be applied on dormant crop stubble alone or in combination with other registered herbicides for the post emergence control of weeds in established nongrass animal feed stands during the dormant season (between growing seasons). To control insect pests, SHARK EW Herbicide may be tank mixed with insecticides, including Mustang Maxx.

##### Between Cutting In-Season Application (Spring/Summer Applications Postemergence on Weeds)

SHARK EW Herbicide may be applied alone or in combination with other registered herbicides between cuttings (in-season) for the post emergence control of weeds in established crop stands. In-season applications should be made as soon as possible after removal of the previous hay crop and prior to significant regrowth on stems and crowns. Applications may be made from hay removal up to 6 inches of new growth. To control insect pests, SHARK EW Herbicide may be tank mixed with insecticides, including Mustang Maxx.

#### SHARK EW Herbicide Use Rates – Postemergence

For optimum results, weeds should be treated when small. Applications should be made in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 10 gallons of finished spray per acre for ground application equipment, and a minimum of 3 gallons per acre of finished spray for aerial equipment. For optimum results, apply SHARK EW Herbicide to weeds up to 4 inches tall and rosettes less than 3 inches across. Use a quality nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient. For more active treatments, use a Crop Oil Concentrate (COC) at 0.5 to 1.0% v/v (one half to one gallon per 100 gallons). Some temporary leaf speckling and necrosis may occur on green alfalfa or clover tissue present with between cutting applications, which should be rapidly outgrown under good growing conditions. Adjuvant selection and high moisture environmental conditions will enhance this effect. A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed. Coverage is essential for satisfactory performance. Repeat application if necessary. Do not irrigate just prior to or just after application. Weed control under dry and hot conditions will be improved with COC or similar products.

#### Tank Mix

For tank mixture applications, refer to the use directions and restrictions of the mixture product. SHARK EW Herbicide may be tank mixed with other labeled herbicides to control weeds not listed on this label. Read and follow all manufacturers' label directions and label restrictions for the companion herbicide. When tank mixing SHARK EW Herbicide with other products, be sure SHARK EW Herbicide is mixed in the spray tank water first.

#### Harvest Aid Treatment

Apply SHARK EW Herbicide to crops grown for forage, hay or seed alone or as a tank mixture with other harvest aids. Applications shall be made when the crop is mature, or according to Extension Service guidelines in the use area. Apply SHARK EW Herbicide at 2.0 to 3.8 fl oz (0.031 to 0.06 pounds active ingredient) per acre, but not to exceed maximum labeled rates. Refer to the MAXIMUM ALLOWABLE SHARK EW HERBICIDE USE RATE CHART and the PREHARVEST INTERVAL charts for additional application information. If treatments of SHARK EW Herbicide have been made to the crop earlier, that volume must be considered in determining the maximum use rate as a harvest aid treatment

Applications shall be made in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 10 gallons of finished spray per acre for ground application and 5 gallons per acre for aerial application. A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC)(petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed. Coverage is essential for satisfactory performance. Repeat application if necessary.

#### Note

If applied as a tank mixture, refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions and rotational cropping restrictions.

**For additional information regarding crops within a group, refer to the website:**

<https://www.gpo.gov/fdsys/pkg/CFR-2010-title40-vol23/pdf/CFR-2010-title40-vol23-sec180-41.pdf>



**ASPARAGUS**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Postemergence Weed Control	Do not apply within 5 days of harvest.	Refer to table 3	Apply one to two applications of SHARK EW Herbicide at 0.5 to 1.92 fl oz (0.008 to 0.031 pound active ingredient) per acre. Use higher rates when Asparagus tissues and weeds are under stress or are larger.	Do not apply more than 3.84 fl oz (0.06 pound active ingredient) per acre per season. Do not make applications less than 20 days apart.

**DIRECTIONS FOR USE**

Apply SHARK EW Herbicide as a broadcast application after harvest of asparagus spears for control of broadleaf weeds and new existing Asparagus tissues.

**Coverage is essential for good control.**

**Adjuvant Requirements**

Applications shall be made in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 10 gallons of finished spray per acre for ground application and 5 gallons per acre for aerial application. A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC)(petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed. Repeat application if necessary.

For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section.

**BUSHBERRY Subgroup 13-07B**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Postemergence Weed Control	Can be applied up to harvest	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply more than 2.0 fl oz (0.031 lb ai) during the dormant season. Do not apply more than 6.15 fl oz per acre per season (0.096 pound active ingredient per acre per season).

**DIRECTIONS FOR USE**

SHARK EW Herbicide applications will control susceptible emerged broadleaf weeds. Repeat applications may be necessary for weeds that emerge after an SHARK EW Herbicide treatment.

**Equipment and Application**

Apply only by ground equipment such as boom sprayers, shielded or hooded sprayers, hand-held or high-volume wands or orchard guns. Use a minimum of 20 gallons finished spray solution per broadcast acre.

**Dormant Applications**

Apply SHARK EW Herbicide as a broadcast application to the base of the trunk to control emerged and actively growing weeds during the dormant stage of the crop.

**Post-Directed Applications for Broadleaf Weed Control**

Apply SHARK EW Herbicide as a directed spray avoiding contact with the berry plant but directed at actively growing weeds. SHARK EW Herbicide is a contact herbicide and coverage is essential for good weed control. Do not allow SHARK EW Herbicide spray mist to come in contact with green stem tissue, desirable fruit, blooms or foliage.

Newly planted bushberries should only be treated with shielded sprayers or hooded sprayers.

**SHARK EW Herbicide Use Rates**

Apply up to 2 fl oz (0.031 pound active ingredient) SHARK EW Herbicide per broadcast acre. For best control, apply to seedling weeds in the 2 to 3-leaf stage. Use higher labeled rates of SHARK EW Herbicide for larger weeds up to 6 leaves. Weeds greater than 6 leaves may be only partially controlled. See Table 3 for SHARK EW Herbicide use rates and weeds controlled.

**Adjuvant Requirements**

A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC)(petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed.

SHARK EW Herbicide may be mixed with other registered herbicides for broader spectrum weed control. When tank mixing with fertilizer solutions, be sure to prepare an SHARK EW Herbicide premixture of SHARK EW Herbicide and clean water.

See Mixing and Loading Instructions under the PRODUCT INFORMATION section of this label for specific mixing instructions. Refer to this and the other product's labels for mixing instructions, precautions, and restrictions. Follow the most restrictive instructions for each tank-mix partner.

**Precautions**

Extreme caution must be taken during applications when desirable fruit, foliage and/or blooms are present in order to avoid spotting or necrosis. Do not allow SHARK EW Herbicide spray mist to come in contact with green stem tissue, desirable fruit, blooms or foliage.

For seedling or newly transplanted bushes, do not allow spray to contact green bark of trunk area. Use shielded sprayers only.

**Band Treatment Application**

For band treatment, apply the broadcast equivalent rate and volume per acre. To determine these:

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Rate Per Acre} = \text{Band Rate}$$

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Volume Per Acre} = \text{Band Volume}$$

**CANE BERRY (Subgroup 13-07A)**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Postemergence Weed Control	Do not apply within 15 days of harvest.	Refer to table 3	Apply 6.4 fl oz SHARK EW Herbicide (0.1 pound active ingredient) per broadcast acre as a post-directed spray when weeds and primocanes are approximately 6 inches tall.  Apply up to 2 fl oz (0.031 pound active ingredient) SHARK EW Herbicide per broadcast acre. For best control, apply to actively growing weeds up to 4 inches tall or rosettes less than 3 inches across.	Do not apply more than 25.6 fl oz per acre per season (0.4 pound active ingredient per acre per season).  Do not make applications less than 14 days apart.

**DIRECTIONS FOR USE**

**Equipment and Application**

Apply only by ground equipment such as boom sprayers, shielded or hooded sprayers, hand-held or high-volume wands or orchard guns. Do not allow SHARK EW Herbicide spray mist to come in contact with green stem tissue, desirable fruit, blooms or foliage. Do not apply when conditions favor drift or when wind is above 10 mph.

**Post-Directed Application for Primocane and Weed Control**

SHARK EW Herbicide is a contact herbicide for directed application for the control of primocanes and weeds.

Use a minimum of 20 gallons finished spray per broadcast acre at intervals of 14 to 21 days. Direct spray to the bottom 18 inches of the canes and to the soil 24 inches from each side of the plant row. Refer to weed control list in Table 3 for appropriate weed control information.

**Adjuvant Requirements**

An adjuvant is required. See Adjuvant Requirements below under weed control.

**Post-Directed Application for Weed Control**

Apply SHARK EW Herbicide to actively growing weeds. SHARK EW Herbicide is a contact herbicide and coverage is essential for good weed control. Use a minimum of 20 gallons finished spray solution per acre.

**Band Treatment Application**

For band treatment, apply the broadcast equivalent rate and volume per acre. To determine these:

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Rate per Acre} = \text{Band Rate}$$

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Volume per Acre} = \text{Band Volume}$$

**Coverage is essential for good control.**

**Adjuvant Requirements**

A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC)(petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed.

**Tank Mix**

SHARK EW Herbicide may be mixed with other herbicides registered in caneberry for broader spectrum weed control. SHARK EW Herbicide should be the first product added to the spray tank water. See Mixing and Loading Instructions under the PRODUCT INFORMATION section of this label for specific mixing instructions. Refer to this and the other product's labels for mixing instructions, precautions, and restrictions. Follow the most restrictive instructions for each tank-mix partner.

**Precautions**

Extreme caution must be taken during applications when desirable fruit, foliage and/or blooms are present in order to avoid spotting or necrosis. Do not allow SHARK EW Herbicide spray mist to come in contact with green stem tissue, desirable fruit, blooms or foliage.

Newly planted caneberry should only be treated with shielded sprayers or hooded sprayers.

**Corn (Field, Seed, Silage, Popcorn, Sweet Corn – Processing and Fresh Market)**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Preplant Burndown	N/A	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre	Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per season including all preplant, in-crop, and harvest aid applications.
Postemergence (Broadcast)	14 leaf collar	Refer to table 3	Up to 1.0 fl oz (0.016 pound active ingredient) per acre	Do not apply when conditions favor drift or when wind is above 10 miles per hour.
Postemergence (Hooded Sprayer and Directed Applications)	14 leaf collar	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre	
Harvest Aid	Do not apply within 3 days of harvest	Refer to table 3	1.0 to 2.0 fl oz (0.016 to 0.031 pound active ingredient) per acre	

**DIRECTIONS FOR USE**

**Postemergence Weed Control Treatment**

Apply SHARK EW Herbicide alone or as a tank mixture with other herbicides to emerged and actively growing weeds. Apply to corn in all tillage systems from prior to planting up to 14-leaf collar growth stage. When applying SHARK EW Herbicide to corn greater than V8 stage, utilize drop nozzles aligned between the rows with directed application to reduce contact with the corn foliage and improve contact with the weeds. For optimum performance, make application to actively growing weeds up to 4 inches high and rosettes less than 3 inches across. **Coverage is essential for good control.**

**Adjuvant Requirements:**

Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution). Under dry conditions, the use of a crop oil concentrate (COC) at 1.0% v/v may improve weed control. The use of crop oil concentrate can increase leaf speckling and crop response on treated corn leaves.

For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section.

Refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions, and rotational cropping restrictions. Adjust sprayers to position spray tips no lower than 18 inches above the crop. Operate the sprayer to avoid the application of high herbicide rates directly over the rows and/or into the whorl of the corn plant. Overlaps and slower ground speeds (caused by continuing to spray while starting, stopping or turning) may result in higher application rates and possible crop response.

**Broadcast Applications:**

Use SHARK EW Herbicide at 0.5 to 1.0 fl oz (0.008 to 0.16 pound active ingredient) per acre. Use higher rates when weeds are under stress or are larger.

Applications shall be made by ground equipment using a minimum finished spray volume of 10 gallons of spray per acre or by air at a minimum finished spray volume of 3 gallons of spray per acre.

Refer to weed control list in Table 3 for appropriate weed control information.

**Tank Mix**

SHARK EW Herbicide may be tank mixed with other corn herbicides to control weeds not listed on this label. Read and follow all manufacturers' label directions for the companion herbicides. When tank mixing SHARK EW Herbicide with other labeled corn herbicides, use adjuvants as directed by the tank mix partner's label. These may include nonionic surfactant, crop oil concentrate, 28% nitrogen, ammonium sulfate or combinations of these.

**SHARK EW Herbicide plus Atrazine**

SHARK EW Herbicide may be tank mixed at a rate of 0.5 fl oz (0.008 pound active ingredient) per acre with Atrazine 4L (16 fluid ounces per acre) or Atrazine 90DF (0.6 -1.6 pounds per acre) to control the following weeds:

**When used as directed, SHARK EW Herbicide + atrazine will provide control of listed weeds up to 4 inches tall.**

Amaranth, Palmer (not triazine resistant)	Copperleaf, hophornbeam	Mallow, Venice	Purslane, common
Amaranth, spiny	Croton, wooly	Morningglory spp.	Sesbania, hemp
Anoda, spurred	Devilsclaw	Nightshade, Eastern black	Thistle, Russian
Buckwheat, wild	Eveningprimrose, cutleaf	Nightshade, hairy	Velvetleaf
Buffalobur	Jimsonweed	Pigweed, redroot	Waterhemp, common
Carpetweed	Kochia *	Pigweed, smooth	Waterhemp, tall
Cocklebur	Lambsquarters, common	Potato, volunteer	Sesbania, hemp

\*Kochia control up to 2 inches tall with SHARK EW Herbicide + Atrazine + COC only.

Refer to the Atrazine labels for additional weed listings and for higher use rates.

**SHARK EW Herbicide plus Dicamba**

SHARK EW Herbicide at 0.5 fl oz (0.008 pound active ingredient) per acre plus 0.25% v/v nonionic surfactant (2 pints per 100 gallons) can be tank mixed with dicamba herbicides (8 -16 fluid ounces per acre) for control of broadleaf weeds including the following:

**When used as directed, SHARK EW Herbicide + dicamba will provide control of listed weeds up to 4 inches tall.**

Buckwheat, wild	Morning-glory, spp.	Potato, volunteer	Thistle, Russian
Cocklebur, common	Nightshade, black	Ragweed, common	Velvetleaf
Jimsonweed	Pigweed, redroot	Ragweed, giant	Waterhemp, common
Kochia	Pigweed, smooth	Smartweed, PA (seedling)	Waterhemp, tall
Lambsquarters	Pigweed, triazine resistant	Sunflower, common	

Refer to the dicamba labels for additional weed listings and for higher use rates.

Refer to the Tank Mixture Section for information on potential leaf injury.

**SHARK EW Herbicide Plus Atrazine Plus Dicamba or 2,4-D**

For the control of additional or certain larger weeds up to 6 inches tall, Atrazine may be added to the tank mixtures of SHARK EW Herbicide plus dicamba or SHARK EW Herbicide plus 2,4-D (amine).

Add 2,4-D (amine) to the tank mix at 0.125 to 0.25 pound active ingredient per acre or dicamba at 3 to 8 fluid ounces per acre. Higher rates of atrazine and dicamba herbicides are allowed, but do not exceed the specific label use rates allowed by these labels. Add a 0.25% v/v nonionic surfactant (2 pints per 100 gallons) to the tank mixture. Under very dry soil moisture conditions, the use of crop oil concentrate at 1% v/v (1 gallon per 100 gallon spray solution) may improve weed control. The use of crop oil concentrate may increase leaf speckling. Refer to the Tank Mixture section for information on potential leaf injury.

**For control of the following weeds up to 6 inches in height, or as specified, add dicamba at 3 to 8 ounces per acre to SHARK EW Herbicide tank mixes with atrazine or to SHARK EW Herbicide tank mixes with other products that allow the use of dicamba on their labels.**

Amaranth, Palmer (up to 4 inches)	Nightshade, Eastern black	Smartweeds, annual (seedling)
Amaranth, Spiny (up to 4 inches)	Nightshade, hairy	Sunflower, common (up to 4 inches tall)
Cocklebur, common	Pigweed, redroot	Velvetleaf (up to 24 inches)
Kochia (up to 4 inches tall)	Pigweed, smooth	Waterhemp, common
Lambsquarters, common	Ragweed, common	Waterhemp, tall
Morning-glory spp.	Ragweed, giant (up to 4 inches tall)	

**Directed Spray Applications:**

Apply SHARK EW Herbicide with drop nozzles between the rows to the target weeds and away from the whorl of the corn plant. Directed spray applications should be used when corn is V8 to V14 stage. Apply SHARK EW Herbicide up to 2.0 fl oz (0.031 pound active ingredient) per acre. Be aware that weeds growing in and under the dense canopies may not receive adequate spray coverage and may require the use of higher spray volumes for acceptable control. Use appropriate rates of adjuvants such as non-ionic surfactant (NIS), crop oil concentrate (COC), or methylated seed oil (MSO).

**Hooded Sprayer Applications:**

Apply SHARK EW Herbicide with hooded sprayers to control labeled weeds between the rows of the crop. Refer to the Hooded Sprayer Applications section of this label for additional specific use directions.

**Harvest Aid:**

Apply 1.0 to 2 fl Oz SHARK EW Herbicide per acre, but not to exceed maximum labeled rates. Refer to the MAXIMUM ALLOWABLE SHARK EW Herbicide USE RATE and the PREHARVEST INTERVAL Table (Table 2) for additional application information. If treatments of SHARK EW Herbicide have been made to the crop earlier, that volume must be considered in determining the maximum use rate as a harvest aid treatment.

Applications shall be made in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 15 gallons of finished spray per acre for ground application and 5 gallons per acre for aerial application. A methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use methylated seed oil, or crop oil concentrate (COC) (petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the methylated seed oil or crop oil is allowed.

**Coverage is essential for satisfactory performance.**

**Seed Corn Production:**

For seed production fields, apply SHARK EW Herbicide using drop nozzles or other equipment to make a directed spray treatment. Avoid directing spray solution into the whorl.

Seed corn inbred lines have generally shown good tolerance to SHARK EW Herbicide. However, all inbred lines have not been tested. Broadcast applications may result in spray being concentrated into the whorl of the plant that will increase leaf response. To minimize application into the whorl of the plants, drop nozzles or other types of directed sprayers must be used to direct the spray to the targeted weeds.

**Sweet Corn Precaution:**

When applying SHARK EW Herbicide to sweet corn; broadcast applications may result in spray being concentrated into the whorl of the plant that will increase leaf response. To minimize application into the whorl of the plants, drop nozzles or other type directed sprayers must be used to direct the spray to the targeted weeds.

Use only NIS as the spray adjuvant in sweet corn applications.

**Application Precautions:**

Leaf speckling can occur when SHARK EW Herbicide is used with certain crop protection products and adjuvants. Refer to the Tank Mixtures and Adjuvants requirements sections under PRODUCT INFORMATION. Bromoxynil mixtures

and bentazon mixtures may cause significant crop response when in contact with crop foliage.

**Crop Response**

The application of SHARK EW Herbicide to corn may result in temporary crop response such as speckling or necrosis of the leaves. Grain yields will not be affected. Do not make applications when air temperatures are abnormally cool or humidity is high or if the corn foliage is wet from dew, rainfall or irrigation. Users should be aware of these inherent risks and accept these risks prior to application of SHARK EW Herbicide.

For additional information regarding potential crop response, refer to the PRODUCT INFORMATION section of the SHARK EW Herbicide label.

**Cotton:**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Removal of Failed Cotton Stands</b>	Do not apply within 7 days of harvest.	Failed Cotton (up to 3 leaf cotton)	1.0 to 1.6 fl oz (0.016 – 0.025 pound active ingredient) per acre	Do not apply when conditions favor drift or when wind is above 10mph.  Do not apply more than 7.9 fl oz (0.124 pound active ingredient) per acre total for preplant, in-season weed control and harvest aid.
<b>Preplant Burndown</b>	Do not apply within 7 days of harvest.	Refer to table 3.	Up to 1.6 fl oz (0.025 pound active ingredient) per acre	Do not apply more than 3.2 fl oz (0.05 pound active ingredient) per acre total for managed maturity and/or as a harvest aid.
<b>Hooded Sprayer</b>	Do not apply within 7 days of harvest.	Refer to table 3	Up to 1.6 fl oz (0.025 pound active ingredient) per acre	
<b>Post-Directed and Lay-by</b>	Do not apply within 7 days of harvest.	Refer to table 3	Up to 1.6 fl oz (0.025 pound active ingredient) per acre	
<b>Managed Maturity</b>	Do not apply within 7 days of harvest.	Manage unproductive terminal growth in cotton.	0.25 to 0.5 fl oz (0.004 – 0.008 pound active ingredient) per acre	
<b>Defoliation/ Harvest Aid</b>	Do not apply within 7 days of harvest.	Defoliate and desiccate cotton and troublesome weeds	Up to 1.6 fl oz (0.025 pound active ingredient) per acre	

**DIRECTIONS FOR USE**

**Removal of Failed Cotton Stands**

Apply 1.0 to 1.6 fl oz SHARK EW Herbicide (0.016 to 0.025 pound active ingredient) per acre broadcast as a foliar spray over the top of the remaining cotton plants with sufficient spray volume to provide adequate coverage of the cotton plant, particularly the terminal area. Use higher rates on larger failed cotton. For best results do not exceed 3 leaf cotton. **Coverage is essential for good control.**

**PREPLANT BURNDOWN**

See instructions under the Preplant Burndown section of this label.

**Hooded Sprayer Applications**

Apply SHARK EW Herbicide with hooded sprayers to control labeled weeds between the rows of the crop. Refer to the Hooded Sprayer Applications section of this label for additional specific use directions.

**Post-Directed and Lay-by Applications**

SHARK EW Herbicide is a contact herbicide for postemergence directed spray or hooded/shielded sprayer applications for the control of broadleaf weeds in cotton. Apply SHARK EW Herbicide alone or as a tank mixture with other herbicides to emerged and actively growing weeds. For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section. Applications of SHARK EW Herbicide or SHARK EW Herbicide tank mixes must be made with directed sprayers or hooded sprayers to prevent contact of spray solution with the cotton plant. Do not allow spray solution to contact cotton foliage, green stem tissue, or blooms. Directed spray equipment must position nozzles a minimum 3 to 4 inches above the soil, with nozzles directed beneath the crop canopy. SHARK EW Herbicide or SHARK EW Herbicide tank mix applications shall be made to cotton that is a minimum of 6 inches in height. Applications to cotton at 5 to 6 nodes or less must be made with hooded or shielded sprayer equipment to completely avoid contact with cotton plants. Apply lay-by applications of SHARK EW Herbicide or SHARK EW Herbicide tank mixtures at later growth stages of cotton when cotton plants have achieved a height of 12 inches or more with sufficient bark development and height differential between crop bottom leaves and the soil. Spray solution shall be directed at the base of cotton plants for minimal contact with green stem tissue or foliage while maintaining maximum contact with broadleaf weeds that are at appropriate treatment size.

Do not apply when conditions favoring drift exist or wind is above 10 miles per hour.

For optimum performance, make application to actively growing weeds up to 4 inches tall and rosettes less than 3 inches across. **Coverage is essential for good control.**

**Adjuvant Recommendation**

A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC) (petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per

acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed.

**SHARK EW Herbicide Use Rates and Weeds Controlled**

Apply up to 1.6 fl oz (0.025 lb ai/A) SHARK EW Herbicide as a post-directed treatment using a directed sprayer a hooded sprayer or lay-by sprayer delivering a minimum finished spray volume of 10 gallons per acre. Do not apply more than 3.2 fl oz (0.05 lbai) SHARK EW Herbicide per season by post-directed and lay-by applications. Refer to weed control list in Table 3 for appropriate weed control information.

For control of additional broadleaf weeds and grasses, SHARK EW Herbicide may be tank mixed with other herbicides registered for cotton post-directed and/or lay-by applications. Refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions and rotational cropping restrictions.

**Managed Maturity Application for Cotton**

Apply SHARK EW Herbicide as an aid to remove undesirable top growth and reduce unproductive terminal growth. Use alone or as a tank mixture with other cotton insecticides and herbicides. Read all product labels and follow all directions and precautions when tank mixing with this product.

**Timing**

Apply SHARK EW Herbicide when cotton is actively growing and the plants have 1% to 20% open bolls; with applications at 15% open bolls being optimum. When using the Cotman monitoring program, apply SHARK EW Herbicide at NAWF5, plus 450 – 650 heat units. Avoid Managed Maturity treatments to fields, or areas of fields, that are stressed.

**SHARK EW Herbicide Use Rates – Managed Maturity**

Apply SHARK EW Herbicide as a broadcast spray at 0.25 fl oz per acre (0.004 lb ai per acre) to 0.5 fl oz per acre (0.008 lb ai per acre), targeting 0.375 fl oz per acre (0.006 lb ai per acre) in spray volume adequate to obtain upper canopy coverage of the plant foliage. In situations of extremely lush growth, apply up to 0.5 fl oz per acre (0.008 lb ai per acre). Make applications using a minimum of 10 gallons of finished spray per acre for ground application and a minimum of 5 gallons per acre by air. Good upper canopy coverage is essential for optimum performance.

Use a quality crop oil concentrate (COC) at the recommended rate of 1% v/v.

**Defoliation/Harvest Aid Application**

Apply SHARK EW Herbicide as a harvest aid to defoliate and desiccate cotton and troublesome weeds that may be present at harvest. Apply SHARK EW Herbicide alone or as a tank mixture with other cotton harvest aids.

Use a quality spray adjuvant e.g. nonionic surfactant (NIS) or crop oil concentrate (COC) at the recommended rates. NIS is the recommended adjuvant during warmer periods with COC being the better choice for applications during cooler periods. Make application when 60 to 70 percent of the bolls are open, or according to the State Agricultural Extension Service guidelines in the use area.

Apply up to 1.6 fl oz SHARK EW Herbicide (up to 0.025 lb ai per acre) in spray volume sufficient to provide complete coverage of cotton foliage. Use a minimum of 10 gallons of finished spray per acre for ground application and 5 gallons per acre for aerial application. **Coverage is essential for good defoliation.** Repeat application if necessary to remove remaining foliage or control regrowth. Do not apply more than 3.2 fl oz (0.05 pound active ingredient) per acre total as a harvest aid. Dense cotton canopy, large plant size, and environmental conditions not conducive to complete plant coverage may reduce initial application performance and increase the need for a second application.

Apply SHARK EW Herbicide alone, as a tank mix, or as a sequential application alone or tank mixed with other registered cotton harvest aid products.

Refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions and rotational cropping restrictions.

**Dried shelled beans, peas (Crop Subgroup 6-C, except soybean), Flax and vegetable foliage of legume (Crop Group 7)**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Preplant Burndown	N/A	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply more than 6.15 fl oz (0.096 pound active ingredient) per season.
Harvest Aid Applications	Can be applied up to 0 days before harvest.	Refer to table 3	1.0 to 6.1 fl oz (0.016 to 0.096 pound active ingredient) per acre.	

**DIRECTIONS FOR USE**

**Preplant Burndown:**

Refer to the preplant burn down section of this label.

**Harvest Aid Treatment:**

Apply SHARK EW Herbicide as a harvest aid to dry beans and dry peas at maturity when 80 to 90% of seed pods are yellow or buck skin in color and only 30% of green leaves remain on the plant. Apply to flax when 75% of the bolls have turned brown. Thorough coverage is essential for harvest aid and multiple applications may be needed. For optimum performance use 15 to 30 gallons per acre finished sprayed with a methylated seed oil (MSO) type adjuvant to ensure thorough coverage and retention for harvest aid.

**SHARK EW Herbicide Use Rates:**

Apply SHARK EW Herbicide alone or as a tank mixture with other harvest aids. Apply SHARK EW Herbicide at 1.0 to 6.1 fl oz (0.016 to 0.096 pound active ingredient) per acre, but not to exceed maximum labeled rates. Refer to the MAXIMUM ALLOWABLE SHARK EW Herbicide USE RATE CHART and the PREHARVEST INTERVAL charts for additional application information.

Applications shall be made in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 15 gallons of finished spray per acre for ground application and 5 gallons per acre for aerial application. A methylated seed oil (MSO) or crop oil concentrate (COC) is required at 1 to 2%v/v (1 to 2 gallons per 100 gallons of spray solution). The addition of a high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the methylated seed oil or crop oil may enhance performance. If spraying dry beans before full maturity and pods are not all mature and turning color, a repeat application may be necessary.

**Note**

If applied as a tank mixture, refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions and rotational cropping restrictions.

**Fallow Systems**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Emerged Weed Control	NA	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	For crop planting information following fallow treatments, refer to the preplant burndown for planting interval instructions.

**DIRECTIONS FOR USE**

Apply SHARK EW Herbicide by ground or air alone or with other herbicides in the fallow period prior to planting or the emergence of any crop listed on this label to control or suppress weeds. For optimum performance, make applications to actively growing weeds up to 4 inches high or rosettes less than 3 inches across.

**Coverage is essential for good weed control.**

SHARK EW Herbicide may be utilized in Fallow Cropping Systems for chemical weed control to aid in moisture conservation between cropping periods.

**Adjuvant Requirements**

A nonionic surfactant, crop oil concentrate or methylated seed oil is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient or a petroleum or oil seed based crop oil concentrate (COC) at 1.0 to 2% v/v (1.0 to 2.0 gallons per 100 gallons of spray solution) or a methylated seed oil (MSO). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons) or ammonium sulfate at 2 to 4 pounds per acre in addition to the selected NIS, MSO or COC is allowed.

Optimum broad-spectrum control of annual and perennial weeds requires a tank mix with a broad-spectrum burndown herbicide such as glyphosate, glufosinate or paraquat. Refer to Table 3 for proper use rate for weed spectrum. For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section.

**Tank Mix**

For all products used in tank mixes, refer to the specific product labels for all restrictions on tank mixing and observe all label precautions, instructions and rotational cropping restrictions.

**Fruit, small vine climbing – except fuzzy kiwifruit, subgroup 13-07F**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Postemergence Weed Control	Do not apply within 3 days of harvest.	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per application (including preplant site preparation treatments). Do not apply more than 7.9 fl oz (0.124 pound active ingredient) per acre per season. Do not make applications less than 14 days apart.

**DIRECTIONS FOR USE**

SHARK EW Herbicide may be applied for postemergence weed control or for sucker control.

**Weed Control**

Apply SHARK EW Herbicide alone or as a tank mixture with other herbicides as a postemergence directed spray treatment or as a hooded spray treatment to control emerged and actively growing weeds. Apply SHARK EW Herbicide at up to 2.0 fl oz (0.031 pound active ingredient) per acre. Apply SHARK EW Herbicide to middles (between rows of plants) and in strips (in row of plants). Refer to weed control list in Table 3 for appropriate weed control information.

Apply SHARK EW Herbicide at any time during the season (see precautions). SHARK EW Herbicide may be mixed with other herbicides that have preemergence or postemergence activity. Any preemergence activity must rely on activity from other herbicides as directed on their labels. Herbicides such as glyphosate may be tank mixed with SHARK EW Herbicide for broader spectrum weed control. If SHARK EW Herbicide is used in a tank mixture, observe the other product's label for restrictions, precautions and rotational cropping instructions.

**Sucker Management**

SHARK EW Herbicide is effective as an aid in the management of undesirable sucker growth from the base of vine trunks or root sprouts. Apply SHARK EW Herbicide at 2.0 fl oz (0.031 pound active ingredient) per acre. Suckers and other undesirable growth must be treated when the tissue is young and not mature and/or hardened off. Care must be taken not to allow spray mist to contact desirable fruit or foliage or green stem tissue (see precautions). Application of SHARK EW Herbicide with other sucker control herbicides is allowed.

**Hooded Sprayer Applications**

Apply SHARK EW Herbicide with hooded sprayers to control labeled weeds between the rows of the crop. Refer to the Hooded Sprayer Applications section of this label for additional specific use directions.

**Equipment and Application**

Coverage is essential for good control. Use a spray volume adequate to obtain thorough coverage with a minimum of 10 gallons of finished spray per acre. Apply only with ground equipment. Apply SHARK EW Herbicide with hooded sprayers, boom equipment, shielded sprayers, hand-held and high-volume wands or orchard guns. Always add SHARK EW Herbicide to the spray tank first. See "Mixing and Loading Instructions" under PRODUCT INFORMATION.

**Adjuvant Requirements**

Control is enhanced with the addition of a nonionic surfactant (NIS) or crop oil concentrate (COC). Use a quality nonionic surfactant (NIS) containing at least 80% active at 0.25% v/v (2 pints NIS per 100 gallons) or a crop oil concentrate (COC) at 1% v/v (one gallon COC per 100 gallons), or a methylated seed oil (MSO). The use of a high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v or ammonium sulfate (AMS) used at 2 to 4 pounds per acre in addition to the NIS, or MSO or COC is allowed.

**Application Precautions: Extreme caution must be used during applications when desirable fruit or foliage is present in order to avoid fruit spotting or leaf necrosis.**

Do not allow SHARK EW Herbicide spray mist to come in contact with desirable fruit, green stem tissue, foliage or blooms.

Do not use on seedling or newly transplanted vines do not allow spray to contact green bark of trunk area.

**Fruit Tree, Tree Nut and Other Crops**

CROP GROUP	PHI	Target Weeds	Rates	Restrictions
<b>Citrus Fruits</b> including Calamondin, Citrus Citron, Chironja, Tangelo, Tangor, Grapefruit, Kumquat, Lemon, Lime, Mandarin (Tangerine), Orange (sour), Orange (Sweet), Pummelo, Satsuma and Mandarin	Do not apply within 3 days of harvest	Refer to table 3	Apply up to 2 fl oz/A (0.031 pound active ingredient) per acre.	Do not make applications with air-blast sprayers. Do not make applications less than 14 days apart. Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per application and 7.9 fl oz (0.124 pound active ingredient) per acre per season, including pre-plant site preparation.
<b>Pome Fruits:</b> including Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (Oriental) and Quince	Do not apply within 3 days of harvest	Refer to table 3	Apply up to 2.0 fl oz/A (0.031 pound active ingredient) per acre.	Do not make applications with air-blast sprayers. Do not make applications less than 14 days apart. Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per application and 7.9 fl oz (0.124 pound active ingredient) per acre per season, including pre-plant site preparation.
<b>Stone Fruits:</b> including Apricot, Cherry (Sweet), Cherry (Tart), Nectarine, Peach, Plum, Plum (Chickasaw), Plum (Damsion), Plum (Japanese), Prune and Plumcot	Do not apply within 3 days of harvest	Refer to table 3	Apply up to 2.0 fl oz/A (0.031 pound active ingredient) per acre.	Do not make applications with air-blast sprayers. Do not make applications less than 14 days apart. Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per application and 7.9 fl oz (0.124 pound active ingredient) per acre per season, including pre-plant site preparation.
<b>Tree Nuts:</b> including Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut (Bush Nut), Pecan, Pistachio and Walnut (Black and English)	Do not apply within 3 days of harvest	Refer to table 3	Apply up to 2.0 fl oz/A (0.031 pound active ingredient) per acre.	Do not make applications with air-blast sprayers. Do not make applications less than 14 days apart. Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per application and 7.9 fl oz (0.124 pound active ingredient) per acre per season, including pre-plant site preparation.

**Fruit Tree, Tree Nut and Other Crops (Cont.)**

CROP GROUP	PHI	Target Weeds	Rates	Restrictions
<b>Tropical fruit:</b> including Papaya, Avocado, Black Sapote, Canistel, Mamey Sapote, Mango, Sapodilla, Star apple, Guava, Feijoa, Jaboticaba, Wax jambu, Starfruit, Passionfruit, Acerola, Lychee, Longan, Spanish lime, Rambutan, Pulasan, Sugar apple, Atemoya, Custard apple, Cherimoya, Llama, Soursoap, and Biriba	Can be applied up to harvest	Refer to table 3	Apply up to 2.0 fl oz/A (0.031 pound active ingredient) per acre.	Do not make applications with air-blast sprayers. Do not make applications less than 14 days apart. Do not apply more than 2 fl oz (0.031 pound active ingredient) per acre in a single application and 6.1 fl oz (0.096 pound active ingredient) per acre per season, including preplant site preparation.
<b>Other Crops:</b> including Banana, Cacao, Coconut, Coffee, Date, Fig, Guayule, Indian Mulberry, Olive, Palm Heart, Persimmon, Pomegranate, Tea, and Vanilla	Do not apply within 3 days of harvest	Refer to table 3	Apply up to 2.0 fl oz/A (0.031 pound active ingredient) per acre.	Do not make applications with air-blast sprayers. Do not make applications less than 14 days apart. Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per application and 7.9 fl oz (0.124 pound active ingredient) per acre per season, including preplant site preparation.

**DIRECTIONS FOR USE  
PRODUCTION SYSTEMS**

Different production systems dictate different application techniques. Skirted trees are those allowing the lower branches of the trees to grow to the ground line. Non-skirted trees are grown in production systems where branches are pruned allowing access to the trunk area.

**Equipment and Application  
Skirted Orchards and Groves**

Hooded sprayers are required for SHARK EW Herbicide applications in skirted trees. Refer to the HOODED SPRAYER APPLICATIONS section of this label.

**Non-Skirted Orchards and Groves**

Apply only by ground equipment such as boom sprayers, shielded or hooded sprayers, hand-held or high-volume wands or orchard guns. Use a minimum of 20 gallons finished spray solution per broadcast acre.

**Weed Control**

Apply SHARK EW Herbicide alone or as a tank mix with other registered herbicides to actively growing weeds. SHARK EW Herbicide is a contact herbicide and coverage is essential for good weed control. Use a minimum of 20 gallons finished spray solution per broadcast acre.

Do not allow SHARK EW Herbicide spray solution to contact green stem tissue, leaves, fruit or blooms of trees.

**SHARK EW HERBICIDE Application Rates**

Apply SHARK EW Herbicide up to 2 fl oz (0.031 pound active ingredient) per acre for postemergence control of susceptible broadleaf weeds. Refer to weed control list in Table 3 for appropriate weed control information. For best control, apply to seedling weeds in the 2 to 3-leaf stage. For larger weeds up to 6 leaves, use higher labeled rates of SHARK EW Herbicide. Weeds greater than 6 leaves may be only partially controlled.

**Adjuvant Requirements**

Control is enhanced with the addition of a nonionic surfactant (NIS) or crop oil concentrate (COC). Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints NIS per 100 gallons) or a crop oil concentrate at 1% v/v (one gallon COC per 100 gallons). SHARK EW Herbicide may also be applied with labeled rates of MSO or silicone adjuvants.

SHARK EW Herbicide may be mixed with other herbicides that have preemergence or postemergence activity. SHARK EW Herbicide only controls emerged vegetation. Any preemergence activity must rely on activity from registered preemergence herbicides mixed with SHARK EW Herbicide. Contact herbicides e.g. glyphosate, glufosinate, and paraquat may be tank mixed with SHARK EW Herbicide for broader spectrum weed control. See Mixing and Loading Instructions under the PRODUCT INFORMATION section of this label for specific mixing instructions. Refer to this and the other product's labels for mixing instructions, precautions, and restrictions. Follow the most restrictive instructions for each tank-mix partner.

**Sucker Management**

SHARK EW Herbicide is effective as an aid in the management of undesirable sucker growth from the base of the trunks or root sprouts. Apply SHARK EW HERBICIDE at 2 fl oz (0.031 pound active ingredient) per acre. Suckers and other undesirable growth must be treated when the tissue is young and not mature and/or hardened off. Care must be taken not to allow spray mist to contact desirable fruit, foliage or green stem tissue (see Precautions).

**Chemical Mowing**

Apply SHARK EW Herbicide alone or in tank mixtures with other herbicides in chemical mowing practices for orchard vegetation management.

**Hooded Sprayer Application**

Apply SHARK EW Herbicide with hooded sprayers to control labeled weeds between the rows of the crop. Refer to the **Hooded Sprayer Applications** section of this label for additional specific use directions.

**Precautions**

Extreme caution must be used during applications when desirable fruit and/or foliage are present in order to avoid fruit spotting and/or leaf necrosis. Do not allow spray mist of SHARK EW Herbicide to come in contact with green stem tissue, foliage, blooms or desirable fruit.

On seedling or newly transplanted trees do not allow spray to contact green bark of trunk area. For new seedlings up to 2 year old trees, the trunk base should be wrapped to help prevent chemical contact with the bark.

**Tank Mix**

If SHARK EW Herbicide is used in a tank mixture, observe the other product's label for restrictions, precautions, and rotational cropping instructions.

**Grasses: (Forage, Fodder, Hay, Seed and Sod, Annual canary-grass, foxtail millet)**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Postemergence Weed Control</b>	When SHARK EW Herbicide is applied alone, grazing and hay operations may proceed with no restrictions.	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre	Do not make applications less than 7 days apart. Do not apply more than 5.9 fl oz (0.093 pound active ingredient) per acre per season. Do not make more than three applications per season.

**DIRECTIONS FOR USE**

Apply SHARK EW Herbicide alone or in combination with other registered pesticides for the control of weeds in rangeland, pastures, hay, grasses grown for hay or silage and grass seed production and grass grown in Conservation Reserve Programs (CRP). Note that CRP usage must be in compliance with Federal, State, and local use guidelines.

Apply SHARK EW Herbicide at use rates up to 2.0 fl oz (0.031 pound active ingredient) per broadcast acre. For optimum results, weeds should be treated when small. Applications shall be made with ground equipment delivering a minimum of 10 gallons of finished spray per acre or aerial delivering a minimum of 3 gal/acre of finished spray. Adjust sprayers to provide optimum coverage of the target weeds. Refer to weed control list in Table 3 for appropriate weed control information.

**Adjuvant Requirements**

Control is enhanced with the addition of a nonionic surfactant (NIS) or crop oil concentrate (COC). Use a quality nonionic surfactant (NIS) containing at least 80% active at 0.25% v/v (2 pints NIS per 100 gallons) or a crop oil concentrate (COC) at 1% v/v (one gallon COC per 100 gallons), or a methylated seed oil (MSO). The use of a high quality sprayable liquid nitrogen fertilizer at 2 to 4 % v/v or ammonium sulfate (AMS) used at 2 to 4 pounds per acre in addition to the NIS, or MSO or COC is allowed.

When SHARK EW Herbicide is applied alone, grazing and hay operations may proceed with no restrictions.

SHARK EW Herbicide may be tank mixed with other labeled herbicides to control weeds not listed on this label. Read and follow all manufacturers' label directions for the companion herbicide.

For tank mixture applications, refer to the use directions and restrictions of the mixture product.

**HOPS**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Post-Directed for Sucker Management</b>	Do not apply within 7 days of harvest.	Refer to table 3	2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply SHARK EW Herbicide using air blast or air assisted sprayers.
<b>Postemergence Weed Control</b>	Do not apply within 7 days of harvest.	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply through any type of irrigation system. Do not apply more than 7.6 fl oz (0.12 pound active ingredient) per acre per season. Allow a minimum of 14 days between treatments of SHARK EW Herbicide.

**DIRECTIONS FOR USE**

**Post-Directed Application for Sucker Management**

SHARK EW Herbicide is a contact herbicide for directed spray application to the basal portion of the hop plant for the management of sucker growth. Apply SHARK EW Herbicide at 2.0 fl oz (0.031 pound active ingredient) per acre per application in a minimum of 20 gallons of spray solution by boom-type ground application equipment only to the basal portion of the hop plant (approximately the lower 1.5 feet) and to the sucker mat which extends from the base of the plant to approximately 1.5 to 2 feet into the row.

An alternate row treatment program may be followed to avoid the removal of excessive photosynthetic capacity from the crown area by treating alternate rows on different days. Applications timing and techniques may vary from region to region. Please consult local university extension personnel for local management practices.

**Postemergence Control of Broadleaf Weeds**

Apply SHARK EW Herbicide using shielded sprayers or hooded sprayers to control emerged and actively growing broadleaf weeds within or between the rows of the crop. Refer to Table 3 for appropriate weed control information.

**Adjuvant Requirements**

Coverage is essential to obtain good basal growth management. Use a non-ionic surfactant (NIS) having at least 80 percent active ingredient at 0.25% v/v (2 pints of NIS per 100 gallons of spray volume) or a quality crop oil concentrate (COC) at labeled rates.

If SHARK EW Herbicide is used in a tank mixture, refer to the other product labels for all restrictions on tank mixing and observe all label precautions, instructions and rotational cropping restrictions.

For band treatment, apply the broadcast equivalent rate and volume per acre. To determine these:

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Rate Per Acre} = \text{Band Rate}$$

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Volume Per Acre} = \text{Band Volume}$$

**Application Precautions**

Extreme caution must be taken during application to avoid upward drift of the spray solution and contact with the highly susceptible new growth. Avoid applications until newly trained vines have developed sufficient barking to avoid damage to the stem and are high enough up the string to avoid contact with the apical bud.

**LOW GROWING BERRY Subgroup 13-07G**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Postemergence Weed Control</b>	Can be applied up to harvest	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply more than 2 fl oz (0.031 lb ai) during the dormant season. Do not apply more than 6.15 fl oz per acre per season (0.096 pound active ingredient per acre per season).

**DIRECTIONS FOR USE**

SHARK EW Herbicide applications will control susceptible emerged broadleaf weeds. Repeat applications may be necessary for weeds that emerge after an SHARK EW Herbicide treatment.

**Equipment and Application**

Apply only by ground equipment such as boom sprayers, shielded or hooded sprayers, hand-held or high-volume wands or orchard guns. Use a minimum of 20 gallons finished spray solution per broadcast acre.

**Dormant Applications**

Apply SHARK EW Herbicide as a broadcast application to the base of the trunk to control emerged and actively growing weeds during the dormant stage of the crop.

**Post-directed Applications for Broadleaf Weed Control**

Apply SHARK EW Herbicide as a directed spray avoiding contact with the berry plant but directed at actively growing weeds. SHARK EW Herbicide is a contact herbicide and coverage is essential for good weed control. Do not allow SHARK EW Herbicide spray mist to come in contact with green stem tissue, desirable fruit, blooms or foliage.

Newly planted bushberries should only be treated with shielded sprayers or hooded sprayers.

**SHARK EW Herbicide Use Rates**

Apply up to 2 fl oz (0.031 pound active ingredient) SHARK EW Herbicide per broadcast acre. For best control, apply to seedling weeds in the 2 to 3-leaf stage. Use higher labeled rates of SHARK EW Herbicide for larger weeds up to 6 leaves. Weeds greater than 6 leaves may be only partially controlled. See Table 3 for SHARK EW Herbicide use rates and weeds controlled.

**Adjuvant Requirements**

A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC)(petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed.

SHARK EW Herbicide may be mixed with other registered herbicides for broader spectrum weed control. When tank mixing with fertilizer solutions, be sure to prepare an SHARK EW Herbicide premixture of SHARK EW Herbicide and clean water.

See Mixing and Loading Instructions under the PRODUCT INFORMATION section of this label for specific mixing instructions. Refer to this and the other product's labels for mixing instructions, precautions, and restrictions. Follow the most restrictive instructions for each tank-mix partner.

**Precautions**

Extreme caution must be taken during applications when desirable fruit, foliage and/or blooms are present in order to avoid spotting or necrosis. Do not allow SHARK EW Herbicide spray mist to come in contact with green stem tissue, desirable fruit, blooms or foliage.

For seedling or newly transplanted bushes, do not allow spray to contact green bark of trunk area. Use shielded sprayers only.

**Band Treatment Application**

For band treatment, apply the broadcast equivalent rate and volume per acre. To determine these:

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Rate Per Acre} = \text{Band Rate}$$

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Volume Per Acre} = \text{Band Volume}$$

**MINT**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Broadcast	Do not apply within 5 days of harvest.	Refer to table 3	Apply one application of SHARK EW Herbicide at 0.5 to 1.92 fl oz (0.008 to 0.030 pound active ingredient) per acre. Use higher rates when weeds are under stress or are larger.	Do not apply to actively growing crop. Do not apply more than 1.92 fl oz (0.030 pound active ingredient) of SHARK EW Herbicide per acre per season.

**DIRECTIONS FOR USE**

Apply SHARK EW Herbicide as a broadcast application before Mint break dormancy for control of existing broadleaf weeds.

**Coverage is essential for good control.**

**Adjuvant Requirements**

Applications shall be made in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 10 gallons of finished spray per acre for ground application and 5 gallons per acre for aerial application. A nonionic surfactant (NIS), methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC)(petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed. Repeat application if necessary.

For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section.

**PEANUT**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Postemergence Weed Control	Do not apply within 7 days of harvest.	Refer to table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per season as a harvest aid treatment. Do not apply more than one harvest aid treatment per season. Do not apply more than 6.1 fl oz (0.096 pounds active ingredient) per acre per season. Do not feed immature peanut plant or peanut hay to live-stock.
Harvest Aid	Do not apply within 7 days of harvest.	Refer to table 3		

**DIRECTIONS FOR USE**

**Weed Control**

Apply SHARK EW Herbicide alone or as a tank mixture with other herbicides as a postemergence treatment or as a hooded/directed spray treatment to control emerged and actively growing weeds. Apply hooded/directed applications of SHARK EW Herbicide to middles (between rows of plants) and in strips (in row of plants). Apply SHARK EW Herbicide at any time during the season (see precautions). SHARK EW Herbicide may be mixed with other herbicides that have preemergence or postemergence activity. Any preemergence activity must rely on activity from other herbicides as directed on their labels. Herbicides such as glyphosate may be tank mixed with SHARK EW Herbicide for broader spectrum weed control. If SHARK EW Herbicide is used in a tank mixture, observe the other product's label for restrictions, precautions and rotational cropping instructions.

**Harvest Aid Application**

Apply SHARK EW Herbicide as a harvest aid to defoliate and desiccate troublesome weeds that may be present at harvest. Apply SHARK EW Herbicide alone or as a tank mixture with other peanut harvest aids.

**Adjuvant Requirements**

Control is enhanced with the addition of a nonionic surfactant (NIS) or crop oil concentrate (COC). Use a quality nonionic surfactant (NIS) containing at least 80% active at 0.25% v/v (2 pints NIS per 100 gallons) or a crop oil concentrate (COC) at 1% v/v (one gallon COC per 100 gallons), or a methylated seed oil (MSO). The use of a high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v or ammonium sulfate (AMS) used at 2 to 4 pounds per acre in addition to the NIS, or MSO or COC is allowed.

**Crop Rotation Restriction:**

After an application of this product to peanuts, you may only rotate the field to a carfentrazone-ethyl registered crop.

**SMALL GRAINS**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Preplant Burndown	N/A	Refer to Table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per season.
Postemergence	Except Winter Wheat – jointing stage Winter Wheat – boot stage	Refer to Table 3	0.5 to 1.0 fl oz (0.008 to 0.016 pound active ingredient) per acre.	Do not apply when conditions favor drift.
Harvest Aid Applications	Do not apply within 7 days of harvest.	Refer to Table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre.	Do not harvest for forage within 7 days of application.

**DIRECTIONS FOR USE**

**Timing and method of application:**

SHARK EW Herbicide may be applied preplant (up to 1 day before seeding), postemergence or harvest aid. For optimum performance, make application to actively growing weeds up to 4 inches tall and rosettes less than 3 inches across. For dense weed pressure, use the higher labeled application rate plus tank mix combinations. **Coverage is essential for good control.** Refer to Table 3 for weeds controlled at labeled rates of SHARK EW Herbicide. For broader spectrum weed control, SHARK EW Herbicide may be tank mixed with other herbicides registered for use in small grains.

**Preplant Burndown:**

Refer to the pre plant burndown section of this label.

**Postemergence Application:**

In-season application may be made from 4-inches tall to joint stage, except for wheat which is, just prior to the boot stage.

**SHARK EW Herbicide Use Rate**

Apply from 0.5 to 1.0 fl oz SHARK EW Herbicide (0.008 – 0.016 pound active ingredient) per acre. Use a minimum finished spray solution of 10 gallons per acre by ground or 3 gallons per acre by air. Up to half of the spray volume (by air or ground) may be liquid nitrogen fertilizer.

**Adjuvant Requirements**

Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient. The use of a high quality sprayable liquid nitrogen fertilizer (2 to 4% v/v or 2 to 4 gallons per 100 gallon spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant is allowed. Do not use SHARK EW Herbicide with crop oil concentrates (COC), methylated seed oils (MSO) or silicone based adjuvants for postemergence applications.

**Tank Mix**

To control weeds not listed on this label, SHARK EW Herbicide may be tank mixed with other registered herbicides.

For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section. Refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions, and rotational cropping restrictions. Use aerial or ground equipment for SHARK EW Herbicide applications. **Coverage is essential for good control.** Applications shall be made by ground equipment using a minimum finished spray volume of 10 gallons of spray per acre. Applications made by air shall utilize a minimum finished spray volume of 3 gallons per acre. Up to half of the spray volume (by air or ground) may be liquid nitrogen fertilizer. Refer to Table 3 for appropriate weed control information.

**SHARK EW Herbicide Plus 2,4-D (amine or ester) or MCPA (amine or ester)**

SHARK EW Herbicide may be tank mixed at a rate of 0.5 to 1.0 fl oz (0.008 - 0.016 pound active ingredient) per acre with 2,4-D (amine or ester) or MCPA (amine or ester) for use on small grains. For optimum results add 2,4-D (amine or ester) to the tank at 0.25 lb acid equivalent per acre or MCPA (amine or ester) at 0.375 lb acid equivalent per acre. Higher rates of these herbicides are allowed, but do not exceed the label use rates allowed by these labels. Add nitrogen fertilizer (2 to 4% v/v) 2 to 4 gallons per 100 gallons or ammonium sulfate 4 lb per acre) to the tank mixture.

**When applied as directed, SHARK EW Herbicide in tank mixtures with 2,4-D (amine or ester) or MCPA (amine or ester) herbicides will provide control of listed weeds up to 4 inches tall.**

Amaranthus spp.	Nightshade, black
Bedstraw, catchweed	Pennycress, field **
Buckwheat, wild	Pepperweed, greenflower**
Cocklebur	Pigweed, prostrate
Croton, woolly	Pigweed, redroot
Fiddleneck	Pigweed, smooth
Filaree, redstem	Primrose, cutleaf
Flixweed**	Primrose, tumble
Gromwell, common	Radish, wild
Groundsel, common	Ragweed, common
Knotweed, prostrate*	Ragweed, giant
Kochia	Rocket, London
Lambsquarters, common	Sowthistle, annual
Lettuce, miners	Speedwell, ivyleaf
Lettuce, prickly	Sunflower, wild
Mustard, blue***	Tarweed, coast
Mustard, tansy***	Thistle, Russian
Mustard, tumble**	Wallflower, bushy
Mustard, wild**	Waterhemp, tall



\*For Knotweed control, use SHARK EW Herbicide + 2,4-D (amine or ester) only.

\*\*These weeds can be treated from the rosette through bolting growth stages.

\*\*\*Apply to rosette growth stage (before bolting) of blue mustard.

**Harvest Aid**

Refer to the harvest aid section of this label for use directions.

**SORGHUM: (Grown for Grain and Seed)**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
Preplant Burndown	NA	Refer to Table 3	Up to 1.0 fl oz (0.016 pound active ingredient) per acre	Do not make foliar broadcast applications to forage sorghum or sorghum grown for seed.
Foliar Broadcast Application (Grain Sorghum Only)	Do not apply past 14 leaf collar stage	Refer to Table 3	Up to 0.5 fl oz (0.008 pound active ingredient) per acre	Do not apply more than 1.0 fl oz (0.016 pound active ingredient) per acre per season including fallow, preplant burndown and labeled applications to the growing crop (not including Harvest Aid treatments). See Table 1.
Directed or Shielded Spray Applications.	Do not apply past pre-boot stage (forage) 14 collar (grain)	Refer to Table 3	Up to 1.0 fl oz (0.016 pound active ingredient) per acre	Do not apply more than 1.0 fl oz (0.016 pound active ingredient) per acre per season as a Harvest Aid treatment. See Table 1.
Harvest Aid	Do not apply within 3 days of harvest.	Desiccate troublesome broadleaf weeds e.g. morning-glories, pig-weeds and velvetleaf.	Up to 1.0 fl oz (0.016 pound active ingredient) per acre	Do not apply more than 1.0 fl oz (0.016 pound active ingredient) per acre per season as a Harvest Aid treatment. See Table 1.

Follow the most restrictive instructions for each tank-mix partner.

**HOODED SPRAYER APPLICATION**

Apply SHARK EW Herbicide with hooded sprayers to control labeled weeds between the rows of the crop. Refer to the Hooded Sprayer Applications section of this label for additional specific use directions.

**HARVEST AID (WEED CONTROL)**

Apply SHARK EW Herbicide to defoliate and/or desiccate troublesome broadleaf weeds e.g., morning-glories, pigweeds and velvetleaf that may be present at harvest.

Refer to the Harvest Aid section of this label for additional specific use directions.

**PRECAUTIONS**

Do not use crop oil concentrates or methylated seed oils for broadcast applications on emerged sorghum.

Leaf speckling can occur when SHARK EW Herbicide is used with certain formulations of crop protection products and adjuvants.

**DIRECTIONS FOR USE**

SHARK EW Herbicide may be applied to grain and forage sorghum as a pre plant burndown; a hooded or shielded spray; and a post directed spray. In addition to these applications methods, SHARK EW Herbicide may be applied to grain sorghum (sorghum grown for grain but not for seed production) as a foliar broadcast and harvest aid treatment. See Table 1 for Maximum Seasonal SHARK EW Herbicide Use and Table 3 for weeds controlled at labeled rates of SHARK EW herbicide on sorghum.

**PREPLANT BURNDOWN**

See instructions under the Pre Plant Burndown section of this label.

**FOLIAR BROADCAST (Grain Sorghum Only)**

Apply to grain sorghum from 4 inches tall to just prior to the boot stage. SHARK EW herbicide may be applied alone or as a tank mixture with other herbicides labeled for use on sorghum. Broadcast applications of SHARK EW herbicide to sorghum with wet foliage or application during periods of adverse environmental conditions such as cool, cloudy, wet, or high humidity may cause increased crop response. Directed sprays are suggested under these conditions. For additional information on crop response, refer to the PRODUCT INFORMATION section of the SHARK EW Herbicide label.

**SHARK EW Herbicide Use Rates – Foliar Grain Only**

Do not exceed 0.5 fl oz (0.008 pound active ingredient) SHARK EW Herbicide per acre. See Table 3 for weeds controlled at 0.5 fl oz of SHARK EW Herbicide. Rates below 0.5 fl oz may not fully control weeds.

**Adjuvant Requirements – Foliar Grain Only**

Use a nonionic surfactant at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient. Do not use crop oil concentrates or methylated seed oils for broadcast applications on emerged sorghum.

**Tank Mix – Foliar Grain Only**

For control of additional broadleaf weeds and grasses, SHARK EW Herbicide may be tank mixed with 2,4-D (amine), Atrazine, Banyel®, Clarity™, Laddok®, Paramount, Peak®, Permit®, Starane® or Sterling®. Refer to this and the other product's labels for mixing instructions, precautions, and restrictions. Follow the most restrictive instructions for each tank-mix partner.

Leaf speckling can occur when SHARK EW Herbicide is used with certain formulations of crop protection products and adjuvants.

**DIRECTED OR SHIELDED SPRAY APPLICATIONS**

Apply SHARK EW Herbicide when the sorghum is at least 4 inches tall prior to the boot stage. Use drop nozzles or other sprayers capable of directing the spray to the target weeds and away from the whorl and leaves of the sorghum plant. Applications shall be made by ground equipment using a minimum finished spray volume of 10 gallons per acre. Refer to Table 3 for weeds controlled at labeled rates of SHARK EW Herbicide. **Coverage is essential for good control.** Directed, shielded, or hooded sprayers are required for post emergence treatments to forage sorghum and sorghum grown for seed.

**SHARK EW Herbicide Use Rates – Directed or Shielded Spray**

Apply up to 1.0 fl oz SHARK EW Herbicide (0.016 pound active ingredient) per acre using directed or shielded sprayers.

**Adjuvant Requirements – Directed or Shielded Spray**

Use a nonionic surfactant at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient. Crop oil concentrates or methylated seed oils may increase crop injury on sorghum.

**Tank Mix – Directed or Shielded Spray**

For control of additional broadleaf weeds and grasses, SHARK EW Herbicide may be tank mixed with 2,4-D (amine), Atrazine, Banyel®, Clarity™, Laddok®, Paramount, Peak®, Permit®, Starane® or Sterling®. Refer to this and the other product's labels for mixing instructions, precautions, and restrictions.

**SOYBEANS**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Preplant Burndown</b>	Do not apply within 3 days of harvest	Refer to Table 3	Up to 1.5 fl oz (0.023 pound active ingredient) per acre	Do not apply more than 1.5 fl oz (0.023 pound active ingredient) per acre per season.
<b>Postemergence (Directed Spray and Hooded Sprayer Applications only)</b>	V10	Refer to Table 3	Up to 1.5 fl oz (0.023 pound active ingredient) per acre	Do not feed treated soybean forage or hay to livestock.
<b>Harvest Aid</b>	Do not apply within 3 days of harvest	Refer to Table 3	Up to 1.5 fl oz (0.023 pound active ingredient) per acre	Do not use with diphenylether herbicides. Do not apply when conditions favoring drift exist. Do not apply when crop foliage is wet from dew, rainfall or irrigation..

**DIRECTIONS FOR USE**

Apply SHARK EW herbicide alone or as a tank mixture with other herbicides to emerged and actively growing weeds. Apply to soybeans in all tillage systems from prior to planting up to prior to emergence. Do not apply SHARK EW Herbicide during a period from emergence to V2. After plants have reached V3, applications are allowed up to V10.

For optimum performance, make application to actively growing weeds up to 4 inches tall and rosettes less than 3 inches across. Use the higher rates when treating more mature weeds or dense vegetative growth. **Coverage is essential for good control.** Refer to weed control list in Table 3 for appropriate weed control information.

**Tank Mix**

SHARK EW Herbicide may be tankmixed with other herbicides to control weeds not listed on this label. **Do not use with diphenylether herbicides.** Read and follow all manufacturers' label directions for the mixture herbicide except for specific directions on this label. For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section. For control of additional broadleaf weeds and grasses, SHARK EW herbicide may be tankmixed with glyphosate or glufosinate products for use on GMO soybeans. Leaf injury can occur when SHARK EW herbicide is used with certain formulations of crop protection products and adjuvants. Refer to the Tank Mixtures and Required Adjuvants sections under PRODUCT INFORMATION.

**When used as directed SHARK EW Herbicide at 0.25 fl oz (0.004 pound active ingredient) per acre will provide:**  
**Control of listed weeds up to 4 inches tall.**

Velvetleaf	
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**When used as directed, SHARK EW Herbicide at 0.5 fl oz (0.008 pound active ingredient) per acre will provide:**  
**Control of weeds up to 4 inches tall, or as specified.**

Lambsquarters, common	Nightshade, black
Morningglory, Pitted (up to 3 true leaves)	Pigweed, redroot
Morningglory, Ivyleaf (up to 3 true leaves)	Waterhemp, spp. (up to 3 inches tall)

**Hooded Sprayer Application**

Apply SHARK EW Herbicide with hooded sprayers to control labeled weeds between the rows of the crop. Refer to the Hooded Sprayer Applications of this label for additional specific use directions.

**Directed Sprayer Application**

Use SHARK EW herbicide at 0.5 to 1.5 fl oz (0.008 to 0.023 pound active ingredient) per acre. Applications shall be made by ground equipment using a finished volume of 10 to 20 gallons of spray per acre. When soybeans are grown under very dry soil moisture conditions, the use of a high quality sprayable liquid nitrogen fertilizer (2 to 4% v/v) or 2 to 4 gallons per 100 gallon spray solution) used in addition to the nonionic surfactant is allowed. Apply as a post-directed treatment with spray directed toward the base of the plant and avoid contact with soybean foliage. The use of spray shields may reduce spray contact with soybean foliage. SHARK EW herbicide contact with soybean foliage can result in significant crop response.

**Harvest Aid**

Apply up to 1.5 fl oz (0.023 pound active ingredient) SHARK EW Herbicide per acre, but not to exceed maximum labeled rates. Refer to the MAXIMUM ALLOWABLE SHARK EW Herbicide USE RATE and the PREHARVEST INTERVAL Table (Table 2) for additional application information. If treatments of SHARK EW Herbicide have been made to the crop earlier, that volume must be considered in determining the maximum use rate as a harvest aid treatment.

Applications shall be made in spray volumes sufficient to provide complete coverage of foliage. Use a minimum of 15 gallons of finished spray per acre for ground application and 5 gallons per acre for aerial application. A methylated seed oil (MSO) or crop oil concentrate (COC) is required. Use methylated seed oil, or crop oil concentrate (COC) (petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). A high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the methylated seed oil or crop oil is allowed.

**Sugarcane:**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Postemergence Treatment or Hooded/Directed Spray</b>	Do not apply within 7 days of harvest.	Refer to Table 3	Up to 2.0 fl oz (0.031 pound active ingredient) per acre	Do not apply more than 6.1 fl oz (0.096 pound active ingredient) per acre per season.
<b>Harvest Aid</b>	Do not apply within 7 days of harvest.	Desiccate troublesome broadleaf weeds e.g., morning-glories, pig-weeds and velvetleaf.	1.0 - 2.0 fl oz (0.016 - 0.031 pound active ingredient) per acre	Do not apply more than one harvest aid treatment per season. Do not apply more than 2.0 fl oz (0.031 pound active ingredient) per acre per season as a harvest aid treatment.

**DIRECTIONS FOR USE**

**Postemergence/Hood Spray Application**

Apply SHARK EW Herbicide alone or as a tank mixture with other herbicides as a postemergence treatment or as a hooded/directed spray treatment to control emerged and actively growing weeds. Apply SHARK EW Herbicide up to 2.0 fl oz (0.031 pound active ingredient) per acre. Apply hooded/directed applications of SHARK EW Herbicide to middles (between rows of plants) and in strips (in row of plants). Apply SHARK EW Herbicide at any time during the season (see precautions). SHARK EW Herbicide may be mixed with other herbicides that have preemergence or postemergence activity. Any preemergence activity must rely on activity from other herbicides as directed on their labels. Herbicides such as glyphosate may be tank mixed with SHARK EW Herbicide for broader spectrum weed control. If SHARK EW Herbicide is used in a tank mixture, observe the other product's label for restrictions, precautions and rotational cropping instructions.

**Harvest Aid Application**

SHARK EW Herbicide is effective as a harvest aid to defoliate and desiccate troublesome weeds that may be present at harvest. Apply SHARK EW Herbicide alone or as a tank mixture with other sugarcane harvest aids.

**Adjuvant Requirements**

Control is enhanced with the addition of a nonionic surfactant (NIS) or crop oil concentrate (COC). Use a quality nonionic surfactant (NIS) containing at least 80% active at 0.25% v/v (2 pints NIS per 100 gallons) or a crop oil concentrate (COC) at 1% v/v (one gallon COC per 100 gallons), or a methylated seed oil (MSO). The use of a high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v or ammonium sulfate (AMS) used at 2 to 4 pounds per acre in addition to the NIS, or MSO or COC is allowed.

**Crop Rotation**

After an application of SHARK EW Herbicide to sugarcane, you may only rotate the field to a carfentrazone-ethyl registered crop.

**TOBACCO**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Postemerge Weed Control</b> (pre-transplant, shielded/hooded spray, directed spray)	Do not apply within 6 days of harvest.	Refer to table 3	Up to 1.5 fl oz (0.024 pound active ingredient) per acre.	Do not apply more than 3.2 fl oz (0.05 pound active ingredient) per acre per season.

**DIRECTIONS FOR USE**

Apply SHARK EW Herbicide alone or as a tank mixture with other registered herbicides to emerged and actively growing weeds. For optimum performance, make applications to weeds up to 4 inches tall and rosettes less than 3 inches across. Use higher rates when treating more mature weeds or dense vegetative growth.

**Coverage is essential for good control.**

**Adjuvant Requirements**

Use adequate spray volume to achieve thorough coverage, but a minimum of 10 gallons of finished spray per acre is required. Use a quality crop oil concentrate (COC) at 1% v/v (1 gallon of COC per 100 gallons of spray solution).

SHARK EW Herbicide may be tank mixed with other herbicides registered for use on tobacco to provide additional weed control. For specific mixing instructions, refer to the Mixing and Loading Instructions under the PRODUCT INFORMATION section. Refer to the other product label for restrictions on tank mixing and observe all label precautions, instructions and rotational cropping restrictions.

For additional information refer to the PRODUCT INFORMATION section of the SHARK EW Herbicide label.

**Pre-transplant Burndown**

SHARK EW Herbicide is a contact herbicide for pre-transplant burndown control of broadleaf weeds in tobacco. Apply SHARK EW Herbicide as a broadcast application alone or as a tank mixture with other herbicides to emerged and actively growing weeds. Apply SHARK EW Herbicide up to one (1) day prior to transplanting.

**Shielded Spray or Hooded spray**

Apply SHARK EW Herbicide using shielded sprayers or hooded sprayers to emerged and actively growing broadleaf weeds in tobacco from transplanting until layby. Shielded spray or hooded spray applications of SHARK EW Herbicide or SHARK EW Herbicide tank mixtures should utilize application equipment that must prevent contact of spray solution with the tobacco plant. Do not allow spray solution to contact tobacco foliage or green stem tissue. Refer to the Hooded Sprayer Applications section of this label for additional specific use directions.

**Directed Spray After First Priming (Flue Cured Tobacco Only)**

Apply SHARK EW Herbicide as a directed spray application after the first priming in only flue cured tobacco only for the control of emerged and actively growing broadleaf weeds. Directed spray equipment should position nozzles a minimum of 3 to 4 inches above the soil, with nozzles directed underneath the crop canopy. Spray solution should be directed at the base of tobacco plants for minimal contact with foliage while maintaining maximum contact with broadleaf weeds that are at appropriate treatment size. Do not apply when conditions favor drift or wind is above 10 mph.

For control of additional broadleaf weeds and grasses, SHARK EW Herbicide may be tank mixed with other herbicides registered for use in tobacco at the appropriate timing. Refer to weed control list in Table 3 for appropriate weed control information. Refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions and rotational cropping restrictions.

**TUBEROUS AND CORM VEGETABLES (SUBGROUP 1C)**

Methods and Timing	PHI	Target Weeds	Rates	Restrictions
<b>Preplant Burndown</b> See the <b>Preplant Burndown</b> section for directions for application.	Do not apply within 7 days of harvest.	Refer to table 3	Up to 2.0 fl oz SHARK EW Herbicide (0.031 pound active ingredient) per acre.	Do not apply more than 11.6 fl oz of (0.181 pound active ingredient) per acre per crop season as a desiccant.
<b>Harvest Aid</b>	Do not apply within 7 days of harvest.	Refer to table 3	3.2 to 5.8 fl oz (0.05 to 0.09 pound active ingredient) per acre. 2.0 – 5.8 fl oz with other registered potato desiccants.	Do not apply when conditions favor drift or wind is above 10 mph.

**DIRECTIONS FOR USE**

Apply SHARK EW Herbicide alone or in a tank mix combination with other herbicides and insecticides as a preplant burndown treatment and/or as a harvest aid to desiccate potatoes and those susceptible weeds that may be present.

**Preplant Burndown**

Apply SHARK EW Herbicide alone or with other herbicides or liquid fertilizers as a burndown treatment to control or suppress weeds. SHARK EW Herbicide is effective as a burndown treatment for crops prior to new plantings. Do not exceed the applicable amounts as listed for the specific crop in the MAXIMUM ALLOWABLE SHARK EW HERBICIDE USE in Table 1. For optimum performance, make applications to actively growing weeds up to 4 inches high or rosettes less than 3 inches across. **Coverage is essential for good control.** Optimum broad-spectrum control of annual and perennial weeds requires a tank mix with a labeled burndown herbicides such as glyphosate, glufosinate, paraquat, 2,4-D, or dicamba.

**Harvest Aid Desiccation Application**

Apply SHARK EW Herbicide foliar to potatoes in the later stages of senescence for desiccation of potato foliage and vines. SHARK EW Herbicide will also desiccate late season susceptible broadleaf weeds to aid in tuber harvest. Adequate desiccation is achieved within 14 days after the initial treatment is applied. If the potato crop is in the active vegetative growth stage when desiccation is initiated, two applications may be required to provide desiccation of leaf and stem tissue. Dense potato canopy, large plant size and environmental conditions not conducive to product absorption or activity will reduce initial application efficacy and increase the need for a second application. If a second application is necessary, apply at 7 to 14 days after the first application. **Thorough coverage of the potato plant to be desiccated is essential.** Use a sufficient volume of water to obtain thorough coverage of the potato leaves and vines.

**Ground Application**

Apply SHARK EW Herbicide in at least 20 gallons of water per acre. Vary the spray volume and spray pressure as indicated by the density of the potato canopy and vines to assure thorough spray coverage. Increase the spray volume and pressure if the potato canopy is dense or under cool, cloudy or dry conditions. Increased spray volumes will enhance performance.

**Aerial Application**

Apply SHARK EW Herbicide with aerial equipment using 5 to 10 gallons of water per acre, using higher volumes when potato canopies and vines are dense. Adjust the nozzles to provide a uniform pattern and a droplet size of 350 to 450 microns.

**Adjuvant Requirements**

A nonionic surfactant (NIS), methylated seed oil (MSO), crop oil concentrate (COC) or other suitable surfactant mixture is required. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient, or a methylated seed oil, or crop oil concentrate (COC)(petroleum or seed oil) at 1 to 2% v/v (1 to 2 gallons per 100 gallons of spray solution). The use of a high quality sprayable liquid nitrogen fertilizer at 2 to 4% v/v (2 to 4 gallons per 100 gallons spray solution) or ammonium sulfate (AMS) at the rate of 2 to 4 pounds per acre in addition to the nonionic surfactant methylated seed oil or crop oil is allowed.

Adjuvant rates should increase as spray volumes exceed 20 gallons per acre.

**Tank Mix**

Apply SHARK EW Herbicide as a tank mix or as a sequential application with other potato desiccants. Refer to the other product's label for restrictions on tank mixing, and observe all label precautions, instructions and rotational cropping restrictions.

# TERMS OF SALE OR USE AND LIMITATION OF WARRANTY AND LIABILITY

## Terms of Sale and/or Use

On purchase of this product buyer and user agree to the terms and conditions as follow.

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Distributors/Dealers/Retailers shall sell in original packages only.

## Warranty

FMC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use section when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonable foreseeable to (or beyond the control of seller or FMC), and buyer assumes the risk of any such use.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risk inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any clSharks relating to such factors.

## Use of Product

FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

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SHARK EW Herbicide, when used as directed, may result in crop injury, crop loss or crop damage. FMC recommends that the user and/or grower test SHARK EW Herbicide in order to determine its suitability for the intended use. FMC makes SHARK EW Herbicide available to the user and/or grower solely to the extent that the benefit and utility, in the sole opinion of the user and/or grower, outweigh the extent of potential injury associated with the use of SHARK EW Herbicide. The decision to use, or not to use, SHARK EW Herbicide must be made by each individual user and/or grower on the basis of possible crop injury from SHARK EW herbicide, the severity of weed infestations, the cost of alternative weed control measures and other factors. Because of the risk of crop damage, all such use is at the user and/or grower's risk.

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