



**For Agricultural or Commercial Use Only
FOR SALE OR USE IN CALIFORNIA**

EPA Reg. No. 279-3242 EPA Est. 279-

Active Ingredient:	By Wt.
Carfentrazone-ethyl: Ethyl α ,2-dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorobenzenepropanoate	21.3%
Inert Ingredients:	78.7%
.....	100.0%

This product contains 1.9 pounds active ingredient per gallon.
Contains Petroleum Distillates
U.S. Patent No. 5,125,958

**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. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.



FMC Corporation
Agricultural Products Group
Philadelphia, PA 19103
SharkEW_3_11-22-2005

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.

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

User Safety Recommendations:

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on 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 waters.

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: Coveralls, waterproof gloves, and shoes plus socks.

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 FMC: (800) 331-3148.

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 Disposal

Plastic containers: Triple rinse (or equivalent). Then offer for approved pesticide container recycling program, or puncture and dispose of in an approved waste disposal facility. Provided on site incineration is allowed by state and local authorities, containers may be burned, stay out of smoke.

GENERAL INFORMATION

Shark EW is a liquid emulsion formulation. Shark EW is to be mixed with water, liquid fertilizer or mixtures of water and liquid fertilizer and adjuvants and applied to labeled crops for selective postemergence control of broadleaf weeds, for sucker control, for burn-down 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 up to 4 inches in height. Shark EW is a contact herbicide. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation, and in subsequent days necrosis and death of the plant occur.

Shark EW 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. Within a few hours following application, the foliage of susceptible weeds show signs of desiccation, and in subsequent days necrosis and death of the plant occur. Due to environmental conditions and with certain spray tank additives, some herbicidal symptoms may appear on the crop.

Extremes in environmental conditions such as temperature, moisture, soil conditions, and cultural practices may affect the activity of Shark EW. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicide symptoms may be reduced as weeds hardened off by drought are less susceptible to Shark EW.

Tank Mixtures

Shark EW may be tankmixed with other herbicides to control weeds not listed on this label. Read and follow all manufacturers' label recommendations for the companion herbicide except for specific recommendations on this label. Tank mixtures of Shark EW with EC formulations of other crop protection products, crop oil concentrates, methylated seed oils, silicone based adjuvants, 28% nitrogen or ammonium sulfate may increase crop response.

Adjuvant Use Requirements

The use of a quality spray adjuvant is required for optimum performance. Refer to the individual crop recommendation 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. For additional and specific information, consult University or local Extension specialists. It may also be beneficial to conduct small on-farm trials under actual conditions with specific varieties or cultivars before treating large acreage.

Methods of Application

Shark EW is a versatile herbicide utilizing several different application methods to achieve the desired results. If Shark is being applied in standing crop situations, application methods and adjustments must be precise to prevent undesirable effects to the desirable green stem tissue, foliage, blooms or fruit of the crops being treated.

Aerial applications may be used in some situations. Aerial treatments should be made with a minimum of 3 gallons of total spray per acre with a minimum VMD of 450 microns.

Over-the-top applications may be utilized in some situations as noted in the individual crop directions. Spray volumes for ground applications should be 10 gallons of finished spray per acre to insure good target coverage. Spray tips must be positioned no less than 18 inches above the crop and operated in such manner as to avoid overlaps and slower than calibrated ground speeds.

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.

Hooded Sprayer applications can be made to many labeled crops. Hooded sprayers must be designed and operated so as to totally enclose the spray nozzles and tips and spray pattern and prevent any spray deposition to the crop being treated.

Shielded Sprayer applications may be utilized in some situations. Sprayers should be designed and operated so that the shield between the spray pattern and the crop will prevent the deposition of spray to green stem plant tissue, foliage, blooms or fruit of the crop.

Mixing and Loading Instructions:

Fill the spray tank 3/4 full with clean water. Make sure the agitation system is operating while adding products. Complete filling the spray tank to the desired level. The spray tank agitation should be sufficient to ensure uniform spray mixture during application and must continue until the spray tank has been emptied. When tankmixing with other products, Shark EW should be mixed first in the spray tank. After the Shark EW is thoroughly mixed, add the other products as specified on their label. Ensure the compatibility

of other products with Shark EW before mixing them together in the spray tank.

Avoid the overnight storage of Shark EW spray mixtures.

Premixing Shark EW 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 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 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. Remove and clean spray tips and all filters and screens (tank, spray hose and spray tip) separately in an ammonia solution.
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 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 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 INFORMATION

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 where local indigenous endangered plant species are found.

Buffers to Indigenous Endangered Plant Species		
SHARK USE RATE (lbs. ai per acre)	Low Spray Boom Buffer (ft.)	High Spray Boom Buffer (ft.)
0.024	20	33
0.031	26	46

Conventional Boom and Nozzle Sprayers

Use a boom and nozzle 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 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 treated crop plants.

Directed Sprayers

Shark EW may be applied with drop nozzles or other spray equipment capable of directing the spray to the target weeds and away from sensitive plant parts. Shark EW may be applied up to the maximum rate for the target crop for the control of larger weed sizes or weeds not controlled with lower use rates. Use appropriate rates of adjuvants such as nonionic surfactants, crop oil concentrates or methylated seed oils.

Hooded Sprayers

Hooded sprayers may also be used to apply Shark EW. Refer to the Hooded Sprayer Section on page 5 for specific adjustment and operation instructions. For additional information, refer to the 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. Higher aerial spray volumes are required for harvest aid and defoliation treatments. Higher spray volumes are required when there is a dense weed population or crop canopy.

SPRAY DRIFT MANAGEMENT

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

The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

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).

Controlling Spray Droplet Size

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 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 produce larger droplets.

Pressure - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.

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

Nozzle Orientation – For aerial application, orient nozzles so that the spray is released parallel to the airstream which results in larger droplets than other orientations and is the recommended practice to reduce 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 winds 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 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 - Applications shall not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable 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 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 USE INFORMATION
Refer to the crop section of this label for specific product use directions.

Maximum Allowable Shark EW Use Per Acre Per Season for crops or crop grouping		
Total Allowed Shark EW Use Per Season *		
Crop/Crop Group/Crop Subgroup	Shark EW (fl. oz./acre) Per Season	Maximum Rate (lb ai/acre) Per Season
Vegetable, root (Subgroups 1A and 1B)	6.1	0.096
Vegetable, leaves of root and tuber (Group 2)		
Vegetable, bulb (Group 3)		
Vegetable, leafy (Group 4)		
Vegetable, brassica (Group 5)		
Vegetable, legume (Group 6)		
Vegetable, foliage of legume (Group 7)		
Vegetable, fruiting; Okra (Group 8)		
Vegetable, cucurbit (Group 9)		
Bushberry (Subgroup 13A)		
Herbs and Spices (Group 19)		
Tropical Fruits		
Rapeseed		
Mustard seed		
Flax seed		
Sunflower seed		
Safflower seed		
Crambe seed		
Borage seed		
Strawberry		
Horseradish		
Sugarcane		
Peanut		
Crop/Crop Group/Crop Subgroup	Shark EW (oz/acre) Per Season	Maximum Rate (lb ai/acre) Per Season
Vegetable, tuberous and corm (Subgroups 1C and 1D)	11.6	0.181
Citrus fruit (Group 10)	7.9	0.124
Pome fruit (Group 11)	7.9	0.124
Stone fruit (Group 12)	7.9	0.124
Caneberry (Subgroup 13B)	25.6	0.4
Tree Nut, Pistachio (Group 14)	7.9	0.124
Grass (Group 17)	5.9	0.093
Tropical Tree Fruit	7.9	0.124
Small Grains	2.0	0.031
Sorghum (preplant and in-season)	1.0	0.016
Sorghum (harvest aid)	1.0	0.016
Corn	2.0	0.031
Cotton	7.9	0.124
Cotton, harvest aid only	3.2	0.05
Soybeans (preplant and in-season and harvest aid)	1.5	0.023
Grape	7.9	0.124
Tobacco	3.1	0.05
Potato	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.

Preharvest Intervals (PHI) or Maximum Growth Stage for Shark EW Applications	
Crop/Crop Group/Crop Subgroup	PHI (Days Before Harvest) or Growth Stage
Vegetable, root (Subgroups 1A and 1B)	0
Vegetable, leaves of root and tuber (Group 2)	0
Vegetable, bulb (Group 3)	0
Vegetable, leafy (Group 4)	0
Vegetable, brassica (Group 5)	0
Vegetable, legume (Group 6)	0
Vegetable, foliage of legume (Group 7)	0
Vegetable, fruiting; Okra (Group 8)	0
Vegetable, cucurbit (Group 9)	0
Bushberry (Subgroup 13A)	0
Herbs and Spices (Group 19)	0
Tropical Fruits	0
Rapeseed	0
Mustard seed	0
Flax seed	0
Sunflower seed	0
Safflower seed	0
Crambe seed	0
Borage seed	0
Strawberry	0
Horseradish	0
Sugarcane	0
Peanut	0
Crop/Crop Group/Crop Subgroup	PHI (Days Before Harvest) or Growth Stage
Vegetable, tuberous and corm (Subgroups 1C and 1D)	7
Citrus fruit (Group 10)	3
Pome fruit (Group 11)	3
Stone fruit (Group 12)	3
Caneberry (Subgroup 13B)	15
Tree Nut, Pistachio (Group 14)	3
Grass (Group 17)	0
Tropical Tree Fruit	3
Small Grains	Jointing Stage
Small Grains (harvest aid)	3
Sorghum (preplant and in-season)	6 Leaf Collars
Sorghum (harvest aid)	3
Corn	14 Leaf Collars
Cotton (preplant and in-season)	7
Cotton (harvest aid)	7
Soybeans (preplant and in-season)	√10
Soybean (harvest aid)	3
Hops	0
Grape	3
Tobacco:	6
Potato	7

CROP ROTATIONAL RESTRICTIONS

Following an application of Shark EW, 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.

For Aerial Application of Shark EW Herbicide In California Only:

(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 vegetation 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.

FALLOW SYSTEMS

Shark EW may be utilized in Fallow Cropping Systems only where crops are seeded and harvested on alternate years for soil moisture conservation.

Apply Shark EW 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 Use Rate

Apply Shark EW at up to 2.0 fl. ozs. (up to 0.031 pound active ingredient) per acre in fallow systems.

Adjuvant Recommendation

A nonionic surfactant or 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 may be used in addition to the selected NIS, MSO or COC.

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. When tankmixing Shark EW with other products, be sure the Shark EW is added to the spray tank water first. For specific mixing instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION section.

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

PREPLANT BURNDOWN

For Corn, Cotton, Cucurbits (transplanted), Flax, Fruiting Vegetables (transplanted), Grasses (Crop Group 17), Legume Vegetables (Crop Group 6), Okra (transplanted), Potatoes, Small Grains, Soybeans, Sorghum, Strawberries (transplanted), Sunflowers

Apply Shark EW alone or with other herbicides or liquid fertilizers as a burn-down treatment prior to planting or within 24 hours after planting of labeled crops to control or suppress weeds. Shark may be used as a burndown treatment for previous crops prior to new plantings. Apply Shark EW at up to 2.0 fl. ozs.(0.031 pound active ingredient) per acre. Do not exceed the applicable amounts as listed for the specific crop in the MAXIMUM ALLOWABLE SHARK EW USE TABLE found on page 4. 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 burndown herbicides such as glyphosate, glufosinate, paraquat, 2,4-D, dicamba or Distinct.

Shark EW Plus Glyphosate or Glufosinate

Apply Shark EW at 0.5 to 1.0 fl. oz. (0.008 to 0.016 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 such as those listed as follows.

When applied as directed, Shark EW plus glyphosate or glufosinate will provide:

Increased speed of activity and improved control of listed weeds.

Buttercup, smallflower	Chickweed
Dandelion, common	Henbit
Kochia	Lambsquarters, common
Marestail	Morningglory, spp.
Pennycress, field	Shepardspurse
Smartweed, PA	Tansymustard
Thistle, Russian	

Shark EW Plus 2,4-D or Dicamba or Distinct

Apply Shark EW at 0.5 to 1.0 fl. oz. (0.008 to 0.016 pound active ingredient) per acre in combination with 2,4-D or dicamba or Distinct at the recommended rates for increased speed of activity and improved control of weeds such as those listed below.

When applied as directed, Shark EW plus 2,4-D or dicamba or Distinct will provide:

Increased speed of activity and improved control of listed weeds.

Buckwheat, wild	Buttercup
Henbit	Kochia
Lambsquarters, common	Lettuce, prickly
Marestail	Morningglory, spp.
Pennycress, field	Shepardspurse
Smartweed, PA	Tansymustard
Thistle, Russian	

Shark EW Plus Glyphosate or Glufosinate Plus 2,4-D or Dicamba or Distinct

Apply Shark EW at 0.5 to 1.0 fl. oz. (0.008 to 0.016 pound active ingredient) per acre in combination with glyphosate or glufosinate plus 2,4-D, or dicamba or Distinct at the labeled use rates for increased speed of activity and improved control of weeds. The three-way combination is recommended for situations with dense weed pressure and difficult to control weeds, including various weeds that may be resistant to glyphosate or phenoxy type herbicides.

Users must follow the most restrictive labeling regarding plant back restrictions, rotational guidelines, methods of application, and surfactant requirements of the tank mixture components.

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

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

HOODED SPRAYER APPLICATIONS

Shark EW may be applied to the row middles of the following emerged crops using hooded sprayers in accordance with specific use information in the following **Directions for Use** section:

Avocado, Banana, Cacao, Canola, Coconut, Coffee, Cotton, Crambe, Cranberry, Date, Fallow Systems, Fig, Flaxseed, Grapes, Guayule, Indian Mulberry, Kiwifruit, Okra, Olive, Palm Heart, Peanuts, Persimmon, Pomegranate, Strawberries, Sugarcane, Sunflowers, Tea and Tobacco.

Other crops included in the following Crop Groups:

Vegetable, root and tuber (Group 1) such as, but not limited to Beets, Carrots, Horseradish, Radish, Turnips, Ginger, Sugar beets, Yams, Sweet potatoes, Potato

Vegetable, leaves of root and tuber (Group 2) such as, but not limited to Beets, Radish, Sugar beets, Turnip tops, Chicory

Vegetable, bulb (Group 3) such as, but not limited to Chive, Garlic, Onions, Leeks, Scallions, Dry bulb onions, Shallots

Vegetable, leafy (Group 4) such as, but not limited to Celery, Cress, Endive, Lettuce, Parsley, Purslane, Rhubarb, Spinach, Radicchio, Swiss chard

Vegetable, brassica (head, stem and leafy) (Group 5) such as, but not limited to Broccoli, Brussels sprouts, Cabbage, Collards, Kale, Kohlrabi, Greens, Mustard

Vegetable, legume (Group 6) such as, but not limited to Edible peas, Cowpeas, Succulent shelled peas, Dwarf peas, Snap beans, Wax beans, Lima beans, Endamame

Vegetable, foliage of legume (Group 7) such as, but not limited to Field peas, Cowpea, Endamame, Lupin, Lentil, Beans, Guar, Catjang

Vegetable, fruiting (Group 8) such as, but not limited to Eggplant, Bell pepper, Pimento pepper, Sweet pepper, Tomatillo, Tomato, Pepino

Vegetable, cucurbit (Group 9) such as, but not limited to Cucumber, Cantaloupe, Summer squash, Winter squash, Pumpkin, Watermelon

Citrus Fruit (Group 10) such as, but not limited to Citrus Citron, Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Orange (sour and sweet), Pummelo, Tangelo

Pome Fruit (Group 11) such as, but not limited to Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (oriental), Quince

Stone Fruit (Group 12) such as, but not limited to Apricot, Cherry (sweet and tart), Nectarine, Peach, Plum, Plum (chicksaw, damson, Japanese), Plumcot, Prune

Berries (Group 13) such as, but not limited to Blackberries, Blueberries, Dewberries, Elderberries, Gooseberries, Raspberries, Currant

Tree Nuts (Group 14) such as, but not limited to Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut (bush nut), Pecan, Pistachio, Walnut (black and English)

Cereal Grains (Group 15) such as, but not limited to Barley, Buckwheat, Corn, Millet (Pearl and proso), Oats, Popcorn, Rye, Sorghum, Teosinte, Triticale, Wheat

Grasses (Group 17) such as, but not limited to Centipede, Bahiagrass, Bermudagrass, Bluegrass, Orchardgrass, Ryegrass, Fescue

Herbs and Spices (Group 19) such as, but not limited to Chive, Clove, Dill, Cinnamon, Fennel, Ginger, Horseradish, Nutmeg, Parsley

Tropical Fruits: Acerola, Atemoya, Biriba, Black Sapote, Canistel, Custard apple, Feijoa, Guava, Jaboticaba, Llama, Longan, Luchee, Mamey, Sapote, Mango, Papaya, Passionfruit, Pawpaw, Pulasan, Rambutan, Sapodilla, Soursop Spanish lime, Star apple, Starfruit, Sugar apple, Wax jambu

(For additional information regarding crops within a group, refer to the EPA Website:

<http://www.epa.gov/fedrgstr/EPA-PEST/1995/May/Day-17/pr-266.html>

Directions for Use:

Shark EW may be applied with hooded sprayers to control labeled weeds between the rows of the above listed emerged crops. This treatment may be made to 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. Shark EW may be applied at use rates up to 2 fl. ozs. (0.031 pound active ingredient) per broadcast acre per application in a minimum of 10 gallons per acre of finished spray. Always refer to the Maximum Allowable Shark EW chart on page 4 of this label for additional use information. Shark EW may be tankmixed with other pesticides registered for crops utilizing this treatment pattern.

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.**

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 may be used in addition to the nonionic surfactant methylated seed oil or crop oil.

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

Weeds Controlled	Shark EW Use Rate fl. oz.(pound active ingredient) per acre
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)	
Weeds Controlled	Shark EW Use Rate fl. oz. (pound active ingredient) per acre)
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	
Flixweed	
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		
Smartweed, PA (seedling)		
Tansymustard		
Waterhemp		
Weeds Controlled		Use Rate fl. oz. (pound active ingredient) per acre)
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		
Dayflower		
Eclipta		
Fiddleneck, coast		
Groundcherry, smooth (seedling)		
Groundcherry, Wright's		
Jimsonweed		
Kochia		
Rocket, London		
Morningglories		
Nightshade, American black		
Nightshade, black		
Shepherdspurse		
Spiderwort, tropical		
Thistle, Russian		
Wallflower, bushy		
Weeds Controlled	Use Rate fl. oz. (pound active ingredient) per acre	
All the weeds controlled at 1.1 fl. ozs. (0.016 pound active) per acre plus the weeds listed below:	1.6 fl. oz. (0.025 pound active ingredient) per acre	
Amaranth, Palmer		
Burclover		
Spurry, corn		
Filaree, broadleaf		
Filaree, white		
Lettuce, prickly		
Mallow, Venice (up to 2 inches tall)		
Meadowfoam		
Mustard spp.		
Redmaids		

Precautions:

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

Restrictions:

Do not apply more than 2.0 fl. oz. (0.031 pound active ingredient) during the preplant timing and no more than 4.1 fl. oz. (0.064 pound active ingredient) in-season as a row middle application.

Do not apply more than 6.1 fl. oz. (0.096 pound active ingredient) per crop season subject to the applicable amounts as listed in the MAXIMUM ALLOWABLE SHARK EW USE TABLE as shown on page 4 of this label.

HARVEST AID TREATMENT

Shark EW may be applied to the soybeans and the grain/forage crops (barley, millet, oats, sorghum, triticale, wheat), dry beans, dry peas, vegetable, legume (Group 6), and vegetable, foliage of legume (Group 7) to defoliate and/or desiccate troublesome broadleaf weeds such as morningglories, pigweeds, velvetleaf and others that may be present at harvest. Shark EW may be used alone or as a tank mixture with other harvest aids.

Applications shall be made when the crop is mature and the grain has begun to dry down, or according to Extension Service recommendations in the use area.

Shark EW Use Rate

Apply Shark EW 1 to 2 fl. ozs. per acre, but not to exceed maximum labeled rates. Refer to the MAXIMUM ALLOWABLE SHARK USE RATE CHART and the PREHARVEST INTERVAL charts for additional application information. If treatments of Shark EW 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 volume 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.

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 may be used in addition to the nonionic surfactant methylated seed oil or crop oil.

Coverage is essential for satisfactory performance. Repeat application if necessary.

Precaution

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.

CORN

Field Corn, Seed Corn, Popcorn, Corn Silage, and Sweet Corn for Processing and Fresh Market

Apply Shark EW 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. Applications to corn greater than V8 stage should be made using directed applications to improve weed coverage within the crop canopy and to minimize spray interception by the crop leaves. Do not apply when conditions favor drift or when wind is above 10 mph.

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 Recommendation

Use a nonionic surfactant at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient. Under dry conditions, the use of a crop oil concentrate (COC) at 1.0% of v/v may improve weed control. The use of a crop oil concentrate may increase leaf speckling on the treated corn leaves.

To control weeds not listed on this label, Shark EW may be tank mixed with other herbicides registered for use in corn. When tank mixing Shark EW with other products, be sure Shark EW is added to the spray tank water first and thoroughly mixed. For specific mixing

instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION sections.

Refer to the other product's label for restrictions on tankmixing, 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.

Shark EW Use Rates:

Use Shark EW at 0.5 to 1 fl. oz. (0.008 to 0.016 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.

Application Precaution:

The application of Shark EW to corn may result in temporary crop response such as speckling or necrosis of the leaves. 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.

For additional information regarding potential crop response, refer to the General Information section of the Shark EW .

When used as directed, Shark EW will provide:

Control of the listed weeds up to four (4) inches in height, or as specified.

Weeds Controlled	Shark EW Use Rate fl. oz. (pound active ingredient) per acre
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)	
Weeds Controlled	Shark EW Use Rate fl. oz (pound active ingredient) per acre
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) per acre
Cheeseweed	
Filaree, redstem	
Flixweed	
Lambsquarters, common	
Mallow, common	
Morningglory, spp.	
Nightshade, hairy	
Pennycress, field	
Pigweed, prostrate	
Pigweed, smooth	
Purslane, common	
Sesbania, hemp	
Smartweed, PA (seedling)	
Tansymustard	
Waterhemp	
Velvetleaf (up to 24 inches tall) (up to 36 inches for drop nozzle sprayers)	

Weeds Controlled	Shark EW Use Rate fl. oz. (pound active ingredient) Per acre
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	
Carpetweed	
Cocklebur	
Copperleaf, hophornbeam	
Cotton, GMO varieties	
Cotton, volunteer	
Dayflower	
Eclipta	
Fiddleneck, coast	
Groundcherry, smooth (seedling)	
Groundcherry, Wright's	
Jimsonweed	
Kochia	
Rocket, London	
Morningglories, spp.	
Nightshade, American black	
Nightshade, black	
Shepherdspurse	
Spiderwort, tropical	
Thistle, Russian	
Wallflower, bushy	

Do not apply more than 2.0 fl. oz. (0.031 pound active ingredient) of Shark EW per acre per season including fallow/preplant burndown and labeled crop applications.

Tank Mixtures

Shark EW may be tankmixed with other labeled herbicides to control weeds not listed on this label. Read and follow all manufacturers' label recommendations for the companion herbicide. When tankmixing Shark EW with other products, be sure Shark EW is mixed in the spray tank water first.

For control of additional broadleaf weeds and grasses, Shark EW may be tankmixed with 2,4-D (amine), Accent®, Accent Gold®, Atrazine, Banvel®, Basis®, Basis Gold®, Beacon®, Callisto, Clarity™, Distinct®, Equip®, Exceed®, Hornet®, Liberty®, Lightning®, Marksman®, Northstar™, Option®, Permit®, Poast®, glyphosate products, Scorpion® III, Sencor®, Shotgun®, Spirit™, Steadfast, Sterling®, and Touchdown®.

When tankmixing Shark EW with Accent, Accent Gold, Atrazine, Basis Gold, Liberty, Poast®, glyphosate products for use on GMO corn, and Shotgun use adjuvants recommended on the tank mix partner label. These may include nonionic surfactant, crop oil concentrate, 28% nitrogen, ammonium sulfate or combinations of these.

Leaf speckling can occur when Shark EW is used with certain crop protection products and adjuvants. Refer to the Tank Mixtures and Recommended Adjuvants sections under General Information. Bromoxynil mixtures and Basagran mixtures may cause significant crop response when in contact with crop foliage.

Shark EW Plus Atrazine

Shark EW may be tankmixed at a rate of 0.5 fl. ozs. (0.008 pound active ingredient) per acre with Atrazine 4L (16 fluid ounces per acre) or Atrazine 90DF (9 ounces per acre) to control the following weeds:

**When used as directed, Shark EW will provide:
Control of listed weeds up to 4 inches tall.**

Amaranth, Palmer (not triazine resistant)	
Amaranth, spiny	Pigweed, redroot
Buckwheat, wild	Pigweed, smooth
Buffalobur	Pigweed
Carpetweed	Potato, volunteer
Cocklebur	Purslane, common
Copperleaf, hophornbeam	Sesbania, hemp
Croton, woolly	Smartweed, annual

Devilsclaw	Thistle, Russian
Eveningprimrose, cutleaf	Velvetleaf
Jimsonweed	Mallow, Venice
Kochia++	Anoda, spurred
Lambsquarters, common	Waterhemp, common
Morningglory, spp.	Waterhemp, tall
Nightshade, Eastern black	
Nightshade, hairy	

++ Kochia control up to 2 inches tall with Shark EW + Atrazine + COC only.

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

Shark EW Plus Dicamba

Shark EW at 0.5 fl. ozs. (0.008 pound active ingredient) per acre plus 0.25% v/v nonionic surfactant (2 pints per 100 gallons) can be tankmixed with dicamba herbicides (8 fluid ounces per acre) for control of general broadleaf weeds including the following:

**When used as directed, Shark EW will provide:
Control of listed weeds up to 4 inches tall.**

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

++ Kochia control up to 2 inches tall can be obtained with Shark EW plus atrazine plus COC only.

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 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 plus dicamba, Shark EW plus 2,4-D (amine) or Shark EW plus dicamba.

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 4 fluid ounces per acre. Higher rates of atrazine, dicamba herbicides can be used, but do not exceed the recommended 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 4 ounces per acre to Shark EW tank mixes with atrazine or to Shark EW tank mixes with other products that allow the use of dicamba on their labels.

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

Special Corn Use Applications

For Directed Applications

Shark EW may be applied with drop nozzles or other sprayers capable of directing the spray to the target weeds and away from the whorl of the corn plant. Shark EW may be used up to the maximum of 2 fl. oz. (0.031 pound active) per acre. Rates above 0.5 fl. oz. can be used to aid in control of larger weeds as listed under, "Control of Weeds". Be aware that weeds growing in and under dense canopies may not receive adequate spray coverage necessitating 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

Shark EW may be applied 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.

Seed Corn Production

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

Seed corn inbreds have generally shown good tolerance to Shark EW herbicide, however, all inbreds 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 type directed sprayers must be used to direct the spray to the targeted weeds.

Sweet Corn Production

Shark EW may be applied to sweet corn, however, the user assumes all responsibility for herbicide tolerance with such use. All hybrids/varieties have not been tested for sensitivity to Shark EW herbicide nor does FMC Corporation have access to all seed company or food processor data. 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.

Therefore, any crop response arising from the use of Shark EW herbicide on sweet corn is the responsibility of the user. Use Shark EW herbicide only under the recommendation of the Seed Company, food processor, or State Agricultural Extension Service.

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

COTTON

TIMING AND METHOD OF APPLICATION

Removal of Failed Cotton Stands

Apply Shark EW at the rate of up to 1.6 fl. ozs. (up 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 coverage of the cotton plant, particularly the terminal area.

Coverage is essential for good control.

Use a crop oil concentrate at 1% v/v (1 gallon per 100 gallons of spray solution).

Do not apply when conditions favoring drift exist or wind is above 10 mph.

Hooded Sprayer Applications

Shark EW may be applied 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 Application

Shark EW is a contact herbicide for postemergence directed sprayer or hooded/shielded sprayer applications for the control of broadleaf weeds in cotton. Apply Shark EW alone or as a tank mixture with other herbicides to emerged and actively growing weeds. When tankmixing Shark EW with other products, be sure the Shark EW is mixed in the spray tank water first. For specific mixing instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION section. Applications of Shark EW or Shark EW 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 or 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 or Shark EW 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. Lay-by applications of Shark EW or Shark EW tank mixtures at later growth stages of cotton may be made 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 mph.

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 may be used in addition to the nonionic surfactant methylated seed oil or crop oil.

Shark EW Use Rates and Weeds Controlled

Apply Shark EW 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. ozs. (0.05 lb.ai) Shark EW per season by post-directed and lay-by applications.

When applied at 0.8 fl. oz. (0.013 pound active ingredient) per acre, Shark EW applied alone will provide:

Control of listed weeds.

Amaranthus spp.	Purslane, common
Cotton, volunteer	Sesbania, hemp
Cotton, GMO Varieties	Smartweed, Pennsylvania
Lambsquarters	Spurge, prostrate
Mallow, Venice	Velvetleaf
Nightshade spp.	

When applied at 1.0 fl. oz. (0.016 pound active ingredient) per acre, Shark EW applied alone will provide:

Control of listed weeds.

All weeds controlled at 0.8 fl. oz. plus:	
Anoda, spurred	Morningglory, entireleaf
Carpetweed	Morningglory, ivyleaf
Cheeseweed	Morningglory, pitted
Cocklebur, common	Morningglory, scarlet
Fiddleneck, coast	Nettle, stinging
Groundcherry, Wright	Sage, lanceleaf
Kochia	Shepherdspurse
Rocket, London	Spiderwort, tropical

When applied at 1.6 fl. ozs. (0.025 pound active ingredient) per acre, Shark EW applied alone will provide:

Control of listed weeds.

All weeds controlled at 1.0 fl. oz. plus:
Ragweed, common

For control of additional broadleaf weeds and grasses, Shark EW may be tankmixed with other herbicides such as glyphosate products, Staple, Buctril, Caparol, Cotoran (or other products containing fluometuron), Karmex, MSMA, or other herbicides registered for cotton post-directed and/or lay-by applications. Refer to the other product's label for restrictions on tankmixing, and observe all label precautions, instructions and rotational cropping restrictions.

Harvest Aid Application

Shark EW may be applied as a harvest aid to defoliate and desiccate cotton and troublesome weeds that may be present at harvest. It may be used alone or as a tank mixture with other cotton harvest aids.

Use a quality spray adjuvant, such as 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 recommendations in the use area.

Apply Shark EW as a broadcast spray at a rate of up to 1.6 fl. ozs. per acre (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 defoliation.** Repeat application if necessary to remove remaining foliage or control regrowth. Do not apply more than 3.2 fl. ozs. (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.

Shark EW may be applied as a tank mix or as a sequential application tankmixed with Dropp, Def, Finish, Prep, Folex, Harvade, Ginstar, CottonQuik, or other registered cotton harvest aid products.

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

Restrictions

Do not apply within 7 days of harvest.
 Do not apply more than 7.9 fl. ozs. (0.124 pound active ingredient) per acre total for preplant and in-season weed control.
 Do not apply more than 3.2 fl. ozs. (0.05 pound active ingredient) per acre total as a harvest aid.

BERRIES

BUSHBERRY

Such as Blueberry (highbush and lowbush), Currant, Elderberry, Gooseberry, Huckleberry

TIMING AND METHOD OF APPLICATION

Dormant Applications

Shark EW may be applied broadcast 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

Shark EW may be applied for postemergence weed control of certain susceptible broadleaf weeds at a minimum of 20 gallons finished spray per broadcast acre when used alone or in combination with other herbicides. Apply Shark EW at 1 to 2 fl. oz. ((0.016 to 0.031 pound active ingredient) per acre for control of susceptible broadleaf weeds. Use the lower rate for control of small seedling weeds at the 2 to 3-leaf stage; use higher rates for control of larger weeds up to the 6-leaf stage. Applications to weeds beyond the 6-leaf stage may result in only partial control.

Shark EW may be tankmixed with other registered herbicides that have preemergence or postemergence activity. Any preemergence activity must rely on activity from other herbicides as directed on their labels. Contact herbicides may be tank mixed with Shark EW to obtain a broader spectrum of weeds controlled. If Shark EW 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.

Coverage is essential for good control. Use a spray volume adequate to obtain thorough coverage with the minimum being 20 gallons of finished spray per acre. Apply only with ground equipment. Applications may be made with boom equipment, shielded or hooded sprayers, hand-held and high-volume wands or orchard guns.

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 may be used in addition to the nonionic surfactant methylated seed oil or crop oil.

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

Band Treatment Applications

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

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

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

When applied at up 2.0 ozs. (0.031 pound active ingredient) per acre, Shark EW will provide:

Control of the following weeds.

Amaranth, Palmer	Nettle, stinging
Burclover	Nightshade, black
Cheeseweed	Nightshade, Eastern black
Cocklebur, common	Nightshade, hairy
Fiddleneck, coast	Pigweed, redroot
Filaree, spp.	Pigweed, smooth
Lambsquarters, common	Lettuce, prickly
Rocket, London	Redmaids
Mallow, common	Shepherdspurse
Morningglory, ivyleaf	Sowthistle
Morningglory, pitted	Velvetleaf
Nettle, burning	

Precautions

Extreme caution must be taken during applications when desirable fruit or foliage and/or blooms are present in order to avoid fruit spotting or leaf necrosis. Do not allow Shark EW 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.

Use nozzles that will produce coarse or very coarse droplets of a Volume Median Diameter (VMD), greater than 450 microns. Do not exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reduction nozzles.

Restrictions

Do not apply more than 2 fl. ozs. (0.031 pound active ingredient) during the dormant stage, and 6.1 fl. ozs. (0.064 pound active ingredient) in-season as a row middle application.

Do not apply more than 6.1 fl. ozs. (0.096 pound active ingredient) per crop season.

CANEBERRY

Such as cultivars or hybrids of Blackberry, Boysenberry, Black Raspberry, Red Raspberry

TIMING AND METHOD OF APPLICATION

Post-Directed Application For Primocane and Weed Control

Shark EW is a contact herbicide for directed application for the control of primocanes and weeds. Apply when primocanes are approximately 6 inches in height as a directed application of 6.4 fl. ozs. (0.1 pound active ingredient) per acre in a minimum of 20 gallons of finished spray per broadcast acre at intervals of 14 to 21 days.

Direct the spray to the bottom 18 inches of the canes and also to contact the soil out to 24 inches from each side of the plant row for the control of primocanes and broadleaf weeds.

Band Treatment Applications

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

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

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

For weed control apply Shark EW according to the table below using a minimum finished spray volume of 20 gallons per acre. For optimum performance, make applications 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 may be used in addition to the nonionic surfactant methylated seed oil or crop oil.

When applied at 0.8 fl. oz. (0.013 pound active ingredient) per acre, Shark EW applied alone will provide:

Control of listed weeds.

Amaranthus spp.	Purslane, common
Bindweed, field	Smartweed, PA (seedling)
Hemp Sesbania	Spurge, prostrate
Lambsquarters	Velvetleaf
Nightshade spp.	

When applied at 1.0 fl. ozs. (0.016 pound active ingredient) per acre, Shark EW applied alone will provide:

Control of listed weeds.

All weeds controlled at 0.8 fl. oz. plus:	
Anoda, spurred	Morningglory, entireleaf
Carpetweed	Morningglory, ivyleaf
Cocklebur, common	Morningglory, pitted
Groundcherry, Wright	Morningglory, scarlet
Kochia	Sage, lanceleaf

When applied at 1.6 fl. ozs. (0.025 pound active ingredient) per acre, Shark EW applied alone will provide:

Control of listed weeds.

All weeds controlled at 1.0 fl. ozs. plus:	
Nightshade, silverleaf (Suppression)	

When applied at up 2.0 ounces (0.031 pound active ingredient) per acre, Shark EW will provide:

Control of the following weeds.

Amaranth, Palmer	Nightshade, black
Burclover	Nightshade, Eastern black
Cheeseweed	Nightshade, hairy
Cocklebur, common	Pigweed, redroot
Fiddleneck, coast	Pigweed, smooth
Filaree, spp.	Prickly lettuce
Lambsquarters, common	Redmaids
Mallow, common	Rocket, London
Morningglory, ivyleaf	Shepherdspurse
Morningglory, pitted	Sowthistle
Nettle, burning	Velvetleaf
Nettle, stinging	

For control of additional broadleaf weeds and grasses, Shark EW may be tankmixed with other herbicides registered for use in caneberreries. When tankmixing Shark EW with other products, be sure the Shark EW is mixed in the spray tank water first. For specific mixing instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION section.

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 spray mist to come in contact with green stem tissue, desirable fruit, blooms or foliage.

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

Use nozzles that will produce coarse or very coarse droplets of a Volume Median Diameter (VMD), greater than 450 microns. Do not exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reduction nozzles.

Restrictions

Do not apply when conditions favor drift or when wind is above 10 mph.

Do not apply more than 25.6 fl. ozs. per acre per season (0.4 pound active ingredient) per acre per season.

Do not make application less than 14 days apart.

Do not apply within 15 days of harvest

SORGHUM (Grain and Forage)

TIMING AND METHOD OF APPLICATION

Apply Shark EW alone or as a tank mixture with other herbicides to emerged and actively growing weeds. Apply to sorghum in all tillage systems from prior to planting up through the 6-leaf growth stage.

Do not apply when conditions favoring drift exist or wind is above 10 mph. For optimum performance, make applications to actively

growing weeds up to 4 inches tall and rosettes less than 3 inches across. **Coverage is essential for good control.**

Adjuvant Recommendation

Use a nonionic surfactant at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient. Postemergence broadcast applications of Shark EW with crop oil concentrate are not recommended as increased crop response may occur.

To control weeds not listed on this label, Shark EW may be tankmixed with other herbicides registered for use in grain sorghum. When tankmixing Shark EW with other products, be sure the Shark EW is mixed in the spray tank water first. For specific mixing instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION section. Refer to the other product's label for restrictions on tankmixing, and observe all label precautions, instructions, and rotational cropping restrictions. Sprayers shall be adjusted and operated to avoid the application of excessive herbicide rates directly over the row and/or into the whorl of the sorghum plant.

Broadcast applications of Shark EW 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. For additional information on crop response, refer to the General Information section of the Shark EW label.

Shark EW Use Rates

Use Shark EW at 0.5 to 1 fl. ozs. (0.008 to 0.016 pound active ingredient) per acre. Use higher rates when weeds are under stress or are larger. Shark EW use rates of 0.6 to 1 fl ozs may only be made with directed spray equipment or hooded sprayers.

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.

When used as directed, Shark EW will provide: Control of the listed weeds up to four (4) inches tall unless otherwise specified.

Weeds Controlled	Shark EW Use Rate fl. oz. (pound active ingredient) per acre
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 (up to 18 inches)	
Waterhemp (up to 2 inches tall)	
Weeds Controlled	Shark EW Use Rate fl. oz./acre, (pound active ingredient) per acre
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	
Flixweed	
Lambsquarters, common	
Mallow, common	
Morningglory, spp.	
Nightshade, hairy	
Pennycress, field	
Pigweed, prostrate	
Pigweed, smooth	
Purslane, common	
Sesbania, hemp	
Smartweed, PA (seedling)	
Tansymustard	
Waterhemp (common)	
Waterhemp (tall)	
Velvetleaf (up to 24 inches)	

Tank Mixtures

Shark EW may be tankmixed with other herbicides to control weeds not listed on this label. Read and follow all manufacturers' label recommendations for the companion herbicide except for specific recommendations on this label. When tank mixing Shark EW with other products, be sure the Shark EW is mixed in the spray tank water first.

For control of additional broadleaf weeds and grasses, Shark EW may be tankmixed with 2,4-D (amine), Atrazine, Banvel®, Clarity™, Laddok®, Paramount, Peak®, Permit®, Starane® and Sterling®.

Leaf speckling can occur when Shark EW is used with certain formulations of crop protection products and adjuvants. Refer to the Tank Mixtures and Recommended Adjuvants sections under General Information.

For Directed Applications

Drop nozzles are recommended if applications are to be made under any of these conditions such as cool, cloudy, wet, or high humidity to limit the amount of product deposited onto sorghum leaves and/or into the sorghum whorl. Shark EW may be used up to the maximum of 1 fl. oz. (0.016 pound active ingredient) per acre using drop nozzles for control of larger weed sizes for those weeds listed under "Control of Weeds".

When applying Shark EW postemergence to sorghum grown for seed, the use of drop nozzles is recommended to direct spray from uppermost crop leaves and the sorghum whorl.

Hooded Sprayer Applications

Shark EW may be applied 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

Drop nozzles should be used to minimize spray solution contact with crop foliage when the Shark EW use rate is higher than 0.5 fl. oz. (0.008 pound active ingredient) per acre.

Restrictions

Do not apply more than 1.0 fl. oz. (0.016 pound active ingredient) per acre per season including fallow, preplant burndown and labeled crop applications.

SOYBEANS

TIMING AND METHOD OF APPLICATION

Apply Shark EW 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 emergence. Do not apply Shark EW during a period from emergence to V2. After plants have reached V3, applications can be made up to V10. Do not apply when conditions favoring drift exist.

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.**

For additional information on crop response refer to the General Information section of the Shark EW label.

Broadcast Postemergence Applications

Apply Shark EW at 0.25 fl. oz. (0.004 pound active ingredient) per acre for the control of velvetleaf. Do not apply Shark EW to soybeans with maturities less than Group 2.0. For soybeans of maturity Group 2.1 to 3.4, Shark EW may be used at rates up to 0.25 fl. oz. per acre. Use caution when making applications when making these treatments.

Adjuvant Recommendation

Use NIS only as the adjuvant for this treatment at the rate of 0.25% v/v (2 pints per 100 gallons of spray solution).

For later maturing soybeans than Group 3.5, Shark EW may be applied at rates up to 0.5 fl. oz. (0.008 pound active ingredient) per acre. Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints NIS per 100 gallons of spray solution) having at least 80% active ingredient.

Broadcast Application Precaution

The application of Shark EW to soybeans may result in crop response. Soybeans may show some burn, speckling or necrosis of crop leaves. Soybeans quickly outgrow initial herbicide effects and yields are not affected. Do not make applications during conditions of abnormal cool, high humidity or if foliage is wet from dew, rainfall or irrigation. Users should be aware of these potential effects prior to making applications. If the user is not willing to accept these risks, applications should not be made.

For additional information on crop response, refer to the General Information section of this label.

Tank Mixtures

Shark EW may be tankmixed with other herbicides to control weeds not listed on this label. **Do not use with diphenylether herbicides.** Read and follow all manufacturer's label directions for the mixture herbicide except for specific recommendations on this label. When tankmixing Shark EW with other products, be sure the Shark EW is added in the spray tank water first. For specific mixing instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION section. For control of additional broadleaf weeds and grasses, Shark EW may be tankmixed with glyphosate or glufosinate products for use on GMO soybeans. Leaf injury can occur when Shark EW is used with certain formulations of crop protection products and adjuvants. Refer to the Tank Mixtures and Recommended Adjuvants sections under General Information.

**When used as directed Shark EW 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 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.**

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

Hooded Sprayer Applications

Shark EW may be applied 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.

For Directed Applications

Use Shark EW at 0.5 to 1.5 fl. ozs. (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, a high quality sprayable liquid nitrogen fertilizer (2 to 4% v/v) or 2 to 4 gallons per 100 gallon spray solution) may be used in addition to the nonionic surfactant. 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.

When used as directed Shark EW at the rate of 0.5 fl. oz. (0.008 pound active ingredient) per acre, will provide:

Control of the listed weeds up to four (4) inches in height, or as specified.

Lambsquarters, common (up to 3 inches tall)	Pigweed, redroot
Morningglory, ivyleaf (up to 3 leaves)	Velvetleaf
Morningglory, pitted (up to 3 leaves)	Waterhemp (up to 2 inches tall)
Nightshade, Eastern black (up to 4 inches tall)	

When used as directed Shark EW, at the rate of 0.8 fl. oz. (0.013 pound active ingredient) per acre, will provide:

Control of the listed weeds up to four (4) inches in height, or as specified.

All the weeds controlled at 0.5 fl. oz. (0.008 pound active ingredient) per acre plus the listed weeds:	
Bindweed, field (Above ground plant parts only)	Pennycress, field
Cheeseweed	Pigweed, smooth
Filaree, redstem	
Flixweed	Pigweed, prostrate
Lambsquarters, common	Purslane, common
Mallow, common	Sesbania, hemp
Morningglory spp.	Smartweed, PA (seedling)
Nightshade, hairy	Tansymustard
Waterhemp, tall	Waterhemp, common

When used as directed Shark EW, at the rate of 1.0 fl. ozs.

(0.016 pound active ingredient) per acre, will provide:

Control of the listed weeds up to four (4) inches in height, or as specified.

All the weeds controlled at 0.8 fl. oz. (0.013 pound active ingredient) per acre plus the listed weeds:	
Amaranth, spiny	Groundcherry, Wright's
Anoda, spurred	Groundcherry, smooth (seedling)
Bedstraw, catchweed	Jimsonweed
Buffalobur	Kochia
Carpetweed	Rocket, London
Cocklebur	Morningglories
Copperleaf, hophornbeam	Nightshade, black
Cotton, volunteer	Nightshade, American black
Cotton, GMO Varieties	Spiderwort, tropical
Dayflower	Shepherdspurse
Eclipta	Thistle, Russian
Fiddleneck, coast	Wallflower, bushy

When used as directed Shark EW, at the rate of 1.5 fl. ozs.

(0.023 pound active ingredient) per acre, will provide:

Control of the listed weeds up to four (4) inches in height.

All the weeds controlled at 1.0 fl. ozs. (0.016 pound active ingredient) per acre plus the listed weeds:	
Ammannia, purple	Lettuce, prickly
Buckwheat, wild	Mallow, Venice (up to 2 inches tall)
Buffalobur	Meadowfoam
Burclover	Mustard spp.
Filaree, broadleaf	Redmaids
Filaree, white	Spurry, corn

Restrictions

Do not apply more than 1.5 fl. ozs. (0.023 pound active ingredient) per season.

Do not feed treated soybean forage or soybean hay to livestock.

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.

SMALL GRAINS

Barley, Grain and Forage Millets, Oats, Rye, Teosinte, Triticale, and Wheat

TIMING AND METHOD OF APPLICATION

Apply Shark EW alone or as a tank mixture with other herbicides to emerged and actively growing weeds. Apply to small grains in all tillage systems from prior to planting up to jointing. 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 recommended rate plus tank mix combinations. **Coverage is essential for good control.**

Adjuvant Recommendation

Use a nonionic surfactant (NIS) at 0.25% v/v (2 pints per 100 gallons of spray solution) having at least 80% active ingredient. 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 may be used in addition to the nonionic surfactant.

To control weeds not listed on this label, Shark EW may be tankmixed with other registered herbicides.

When tankmixing Shark EW with other products, be sure the Shark EW is mixed in the spray tank water first. For specific mixing instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION section. Refer to the other product's label for restrictions on tankmixing, and observe all label precautions, instructions, and rotational cropping restrictions. Shark EW may be applied by ground or air. **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.

When applied at 0.5 to 1.0 fl. oz. (0.008 to 0.016 pound active ingredient) per acre Shark EW will provide:

Control of listed weeds up to 4 inches tall, or as specified.

Bedstraw, catchweed	Nightshade, black
Fiddleneck, coast	Cheeseweed
Flixweed	Pennycress, field
Lambsquarters (up to 3 inches)	Pigweed, redroot
Rocket, London	Velvetleaf
Mustard, tansy	Mallow, common

Suppression of listed weeds up to 4 inches tall.

Bindweed, field	Mustards
Filaree, redstem	Shepherdspurse
Nightshade, hairy	Thistle, Canada
Kochia	Thistle, Russian
Lettuce, prickly	Buckwheat, wild

When applied at 1.5 to 2.0 oz (0.023 to 0.031 pound active ingredient) per acre Shark EW will provide:

Control of the listed weeds up to 4 inches tall.

All of the weeds controlled at 0.5 to 1.0 fl. oz. (0.008 to 0.016 pound active ingredient) per acre, plus the following weeds:	
Bittercress	Nightshade, hairy
Buckwheat, wild	Pigweeds
Filaree, redstem	Shepherdspurse
Kochia	Sowthistle, annual
Lambsquarters	Thistle, Russian
Mustard, tumble	Wallflower, bushy

Tank Mixtures With Other Herbicides

To control additional broadleaf weeds and grasses, Shark EW may be tankmixed with other labeled herbicides. Refer to the other product label for specific instructions and restrictions, including the adjuvant recommendations. Tank mixtures with other EC or Ester

formulations may increase leaf speckling. Do not use Shark EW with crop oil concentrates (COC), methylated seed oils (MSO) or silicone based adjuvants.

With 2,4-D (amine or ester) or MCPA (amine or ester)

Shark EW may be tank mixed at a rate of 0.5 to 1.0 fl. ozs. (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 can be used, but do not exceed the recommended 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 lbs. per acre) to the tank mixture.

When applied as directed, Shark EW 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.

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

*For Knotweed control, use Shark EW + 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.

Restrictions

Do not apply when conditions favoring drift exist.

Do not harvest for forage within 7 days of application.

Do not apply more than 2.0 fl. ozs. of Shark EW (0.031 pound active ingredient) per acre per season including fallow or preplant burndown and labeled crop applications.

TREE FRUIT, TREE NUT and OTHER CROPS

Citrus Fruits such as: Calamondin, Citrus Citron, Chironja, Tangelo, Tangor, Grapefruit, Kumquat, Lemon, Lime, Mandarin (Tangerine), Orange (sour), Orange (Sweet), Pummelo, Satsuma Mandarin

Pome Fruits such as: Apple, Crabapple, Loquat, MayHaw, Pear, Pear (Oriental), and Quince

Stone Fruits such as: Apricot, Cherry (Sweet), Cherry (Tart), Nectarine, Peach, Plum, Plum (Chickasaw), Plum (Damson), Plum (Japanese), Prune, and Plumcot

Tree Nuts such as: Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Macadamia Nut (Bush Nut), Pecan, Pistachio Walnut (Black and English)

Tropical Fruits: 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, Soursop, and Biriba,

Other Crops: Kiwifruit, Pomegranate, Fig, Olive, Date, Persimmon, Banana, Cacao, Tea, Indian Mulberry, Vanilla, Coconut, Palm Heart, Coffee and Guayule.

TREE SKIRT 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.

When using Shark EW in skirted production orchards/groves, the use of a hooded sprayer is required. When using Shark EW in non-skirted orchards/groves applications may be made with directed sprayers, hooded sprayers, or shielded sprayers.

Regardless of the orchard production type or the sprayer type utilized, do not allow Shark EW spray solution to contact green stem tissue, leaves, fruit or blooms of trees.

TIMING AND METHOD OF APPLICATION

Weed Control

Apply Shark EW alone or as a tank mixture with other herbicides to emerged and actively growing weeds. Apply Shark EW up to 2.0 fl. ozs. (up to 0.031 pound active ingredient) per acre, using the higher rates for larger weeds. Shark EW alone or tank mixtures may be used for general weed control, in middles (between rows of trees), and in strips (in row of trees). Shark EW may be applied at any time during the season. Shark EW 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. Contact herbicides such as glyphosate and paraquat may be tankmixed with Shark EW for broader spectrum weed control.

Chemical Mowing

Shark EW may be used alone or in tank mixtures with other herbicides in chemical mowing practices for orchard vegetation management.

Sucker Management

Shark EW may be used in the management of undesirable sucker growth from the base of the trunks or root sprouts. Apply Shark EW at 2.0 fl. ozs. (0.031 pound active ingredient) per acre. Suckers and other undesirable growth must be treated when the tissue is young and not mature and hardened off. Care must be taken not to allow spray mist to contact desirable fruit or foliage or green bark (see Precautions).

Hooded Sprayer Applications

Shark EW may be applied 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 get thorough coverage, but use a minimum of 20 gallons of finished spray per acre. Apply only with ground equipment. Applications may be made with boom equipment, hooded sprayers, shielded sprayers, hand-held and high volume wands or orchard guns. Always add Shark EW to the spray tank first. See "Mixing and Loading Instructions" under GENERAL INFORMATION.

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 may also be applied with recommended rates of MSO or silicone adjuvants.

Postemergent Weed Control of Broadleaf Weeds: Apply Shark EW up to 2.0 fl. ozs. (up to 0.031 pound active ingredient) per acre for control of susceptible broadleaf weeds. The lower rate is for small seedling weeds at the 2 to 3-leaf stage; higher rates are needed for larger weeds up to the 6-leaf stage. Applications to weeds beyond the six-leaf stage may result in only partial control.

When used as directed, Shark EW will provide:

Control of the listed weeds.

Amaranth, Palmer	Morningglory, pitted
Burclover	Nettle, burning
Cheeseweed	Nettle, stinging
Cocklebur, common	Nightshade, black
Fiddleneck, coast	Nightshade, Eastern black
Filaree, broadleaf	Nightshade, hairy
Filaree, redstem	Pigweed, redroot
Filaree, whitestem	Pigweed, smooth
Dayflower	Lettuce, prickly
Lambsquarters, common	Redmaids
Rocket, London	Shepherdspurse
Mallow, common	Sowthistle
Morningglory, ivyleaf	Velvetleaf
Balsamapple	

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 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. Other herbicides may be more injurious to young trees than Shark EW. When tank mixtures are used, the precautions and restrictions on the labels of all tankmixed herbicides must be followed.

Use nozzles that will produce coarse or very coarse droplets of a Volume Median Diameter (VMD), greater than 450 microns. Do not exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reduction nozzles.

Restrictions

Do not apply more than 2.0 fl. ozs. (0.031 pound active ingredient) per acre per application and 7.9 fl. ozs. (0.124 pound active ingredient) per acre per season, including preplant site preparation.

Do not apply more than 2.0 fl. ozs. (0.031 pound active ingredient) per acre in a single application for other crops (Tropical Fruits, Pistachio, Kiwifruit, Pomegranate, Fig, Olive, Date, Persimmon, Banana, Cacao, Tea, Indian Mulberry, Vanilla, Coconut, Palm Heart, Coffee and Guayule).

Do not make application of Shark EW with air-blast sprayers.

Do not make applications less than 14 days apart.

Allow a minimum of three days between last application and harvest.

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

GRAPE

Raisin, Table, Juice and Wine

TIMING AND METHOD OF APPLICATION

Weed Control:

Shark EW may be applied alone or as a tank mixture with other herbicides as a postemergence directed treatment or as a hooded spray to control emerged and actively growing weeds. Apply Shark EW at up to 2.0 fl. ozs. (0.031 pound active ingredient) per acre. Applications may be made to middles (between rows of plants) and in strips (in row of plants). Shark EW may be applied at any time during the season (see precautions). Shark EW may be mixed with other herbicides that have pre-emergence or post-emergence

activity. Any pre-emergence activity must rely on activity from other herbicides as directed on their labels. Herbicides such as glyphosate may be tank mixed with Shark EW for broader spectrum weed control. If Shark EW is used in a tank mixture, observe the other product's label for restrictions, precautions and rotational cropping instructions.

Sucker Management: Shark EW may be used to aid in the management of undesirable sucker growth from the base of vine trunks or root sprouts. Apply Shark EW at 2.0 fl. ozs. (0.031 pound active ingredient) per acre. Suckers and other undesirable growth must be treated when the tissue is young and not mature and hardened off. Care must be taken not to allow spray mist to contact desirable fruit or foliage or on to green bark (see precautions). Shark EW may be applied with other sucker control herbicides.

Hooded Sprayer Applications

Shark EW may be applied 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 and use a minimum of 10 gallons of finished spray per acre. Apply only with ground equipment. Applications may be made with hooded sprayers, boom equipment, shielded sprayers, hand-held and high-volume wands or orchard guns. **Always add Shark EW to the spray tank first. See "Mixing and Loading Instructions" under GENERAL INFORMATION.**

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).

Postemergent Weed Control of Broadleaf Weeds

Apply Shark EW at 1.0 to 2.0 fl. ozs. (0.016 to 0.031 pound active ingredient) per acre for the control of susceptible broadleaf weeds. Lower rates may be used to control small seedling weeds at the 2 to 3 leaf stage. Higher rates are needed for larger weeds up to the 6-leaf stage. Applications to weeds beyond the 6-leaf stage may result in only partial control.

When applied at up to 2.0 fl. oz. (0.031 pound active ingredient) per acre Shark EW will provide:

Control of listed weeds.

Pigweed, redroot	
Pigweed, smooth	Lettuce, prickly
Amaranth, Palmer	Morningglory, pitted
Burclover	Nettle, burning
Cheeseweed	Nettle, stinging (foliage only)
Cocklebur, common	Nightshade, black
Fiddleneck, coast	Nightshade, Eastern black
Filaree spp.,	Nightshade, hairy
Lambsquarters, common	Redmaids
Rocket, London	Shepherdspurse
Mallow, common	Sowthistle
Morningglory, ivyleaf	Velvetleaf

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 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.

Use nozzles that will produce coarse or very coarse droplets of a Volume Median Diameter (VMD), greater than 450 microns. Do not

exceed 30 psi spray pressure unless otherwise required by the manufacturer of drift reduction nozzles.

Restrictions

Do not apply more than 2.0 fl. ozs. (0.031 pound active ingredient) per acre per application (including preplant site preparation treatments).

Do not apply more than 7.9 fl. ozs. (0.124 pound active ingredient) per acre per season.

Do not make application less than 14 days apart.

Allow a minimum of three days between last application and harvest.

TOBACCO

Apply Shark EW alone or as a tank mixture with other registered herbicides to emerged and actively growing weeds at use rates up to 1.5 fluid ounces (0.024 pounds active ingredient) per acre. 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 Recommendation

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 may be tankmixed with other herbicides registered for use on tobacco to provide additional weed control. When tankmixing Shark EW with other products, be sure the Shark EW is mixed in the spray tank first. For specific mixing instructions, refer to the Mixing and Loading Instructions under the GENERAL INFORMATION section. Refer to the other product label for restriction on tankmixing and observe all label precautions, instructions and rotational cropping restrictions.

For additional information refer to the general information section of the Shark EW label.

TIMING AND METHOD OF APPLICATION

Pre-transplant burndown

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

Shielded spray or Hooded spray

Shark EW may be applied 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 or Shark EW tank mixes 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)

Shark EW may be applied 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.

When applied at 0.8 fl. oz. (0.013 pound active ingredient) per acre Shark EW alone will provide:

Control of listed weeds up to 4 inches tall.

Amaranthus spp.
Bindweed, bindweed (burndown)
Sesbania, hemp
Lambsquarters
Nightshade, spp.
Purslane, common
Smartweed, PA (seedling)
Velvetleaf

When applied at 1.0 fl. oz. (0.016 pound active ingredient) per acre Shark EW alone will provide:

Control of listed weeds up to 4 inches tall.

All weeds controlled at 0.8 ounce plus:
Anoda, spurred
Carpetweed
Cocklebur, common
Cotton, volunteer
Cotton, GMO Varieties
Groundcherry, Wright
Kochia
Morningglory, spp.
Sage, lanceleaf
Spiderwort, tropical

When applied at 1.5 fl. ozs. (0.023 pound active ingredient) per acre Shark EW alone will provide:

Control of listed weeds.

All weeds controlled at 1.0 fl. oz. plus:
Dayflower, spreading
Ragweed, common

For control of additional broadleaf weeds and grasses, Shark EW may be tankmixed with other herbicides registered for use in tobacco at the appropriate timing. Refer to the other product's label for restrictions on tankmixing, and observe all label precautions, instructions and rotational cropping restrictions.

Restrictions

Do not apply within 6 days of Harvest.

Do not apply more than 3.06 fl. ozs. (0.048 pounds active ingredient) per acre per season

POTATO

TIMING AND METHOD OF APPLICATION

Shark EW may be used alone or in a tank mix combination with other herbicides and insecticides as a fallow systems treatment, as a preplant burndown treatment and/or as a harvest aid to desiccate potatoes and those susceptible weeds that may be present.

Fallow Systems

See the **Fallow Systems** section for directions for application.

Preplant Burndown

See the **Preplant Burndown** section for directions for application.

Harvest Aid Desiccation Application

Apply Shark EW as a broadcast spray at a rate of 3.2 to 5.8 fl. ozs. (0.05 to 0.09 pound active ingredient) per acre in spray volume sufficient to provide complete coverage of potato foliage. Shark EW may be used alone or as a tank mixture with other potato harvest aids as a desiccant prior to harvest. Shark EW can be applied foliarly to potatoes in the later stages of senescence and will provide adequate desiccation of potato foliage and vines. Shark EW will also desiccate late season susceptible broadleaf weeds to aid in tuber harvest. Adequate desiccation is generally 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. For optimum results, apply Shark EW when the potato crop is in the early stages of natural senescence.

Ground Application

Apply Shark EW in at least 20 gallons of water per acre using 80-degree or 110-degree flat-fan nozzles. Select a spray pressure between 30 to 60 pounds per square inch (psi) measured at the nozzle to obtain a droplet size of approximately 300 microns. 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. If Turbo TeeJet® nozzles are used, a spray pressure of 60 psi or more will be required to obtain thorough coverage. Do not apply when winds are gusty or prone to cause herbicide drift from desired target, particularly when high spray pressures are utilized.

Aerial Application

Apply Shark EW with aerial equipment using 5 to 10 gallons of water per acre, using higher volumes when potato canopies and vines are dense. Apply at a height of 10 feet or less above the potato canopy using drift reduction nozzles. Adjust the nozzles to provide a uniform pattern and a droplet size of 350 to 450 microns. Do not apply aerially when atmospheric conditions are conducive to spray drift and do not apply when wind could drift to surrounding vegetation.

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 may be used in addition to the nonionic surfactant methylated seed oil or crop oil. Adjuvant rates should increase as spray volumes exceed 20 gallons per acre.

Tank Mixtures

Shark EW may be applied as a tank mix or as a sequential application with other potato desiccants. Refer to the other product's label for restrictions on tankmixing, and observe all label precautions, instructions and rotational cropping restrictions.

Restrictions

Do not apply more than 11.6 fl. ozs. of Shark EW (0.18 pound active ingredient) per acre per crop season as a desiccant.

Do not apply when conditions favoring drift exist or wind is above 10 mph.

Do not apply within 7 days of harvest.

GRASS

Such as Forage, Fodder, Hay, Seed and Sod

Shark EW may be applied 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.

Shark EW Use Rates

Shark EW may be applied at use rates up to 2.0 fl. ozs. (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 and adjusted to provide optimum coverage of the target weeds.

Adjuvant Recommendation

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). A high quality sprayable liquid nitrogen fertilizer at 2 to 4 % v/v or ammonium sulfate (AMS) may be used at 2 to 4 pounds per acre in addition to the NIS, or MSO or COC.

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

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

When applied at 0.5 to 1.0 fl. ozs. (0.008 to 0.016 pound active ingredient) per acre Shark EW will provide:

Control of listed weeds up to 4 inches tall.

Bedstraw, catchweed	Mallow, common
Cheeseweed	Nightshade, black
Fiddleneck, coast	Pennycress, field
Flixweed	Pigweed, redroot
Lambsquarters (up to 3 inches)	Velvetleaf
Rocket, London	Wallflower, bushy
Mustard, tansy	

Suppression of listed weeds up to 4 inches.

Bindweed, field	Shepherdspurse
Filaree, redstem	Thistle, Canada
Kochia	Thistle, Russian
Lettuce, prickly	Wild buckwheat
Mustard, spp.	

When applied at 1.5 to 2.0 fl. ozs. (0.023 to 0.031 pound active ingredient) per acre Shark EW will provide:

Control of the following weeds up to 4 inches tall.

All weeds controlled above plus:	
Bittercress	
Buckwheat, wild	Pennycress, field
Filaree, Redstem	Pigweed, spp.
Amaranthus, spp	Nightshade, hairy
Kochia	Shepherdspurse
Lambsquarters	Sowthistle, annual
Mustard, tansy	Thistle, Russian
Mustard, tumble	Speedwell, ivyleaf
Meadowfoam	Spurry, corn

Tank Mixtures with other herbicides

Shark EW may be tankmixed with other labeled herbicides to control weeds not listed on this label. Read and follow all manufacturers' label recommendations for the companion herbicide. When tankmixing Shark EW with other products, be sure the Shark EW is mixed in the spray tank water first.

Restrictions:

Do not make applications less than 7 days apart.
Do not apply more than 5.9 fl. ozs. (0.093 pound active ingredient) per acre per season.
Do not make more than three applications per season.

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.

Packaging

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. 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.

Directions and Recommendations

The Directions for Use of this product shall 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 of Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims 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.

Disclaimer For Applications to Vegetables, Fruit, Tree Fruit, Berries and Vine Crops

FMC Corporation intends that Shark EW be distributed only to end users and/or growers (and/or applicators acting on the behalf of growers), who agree to the terms and conditions as stated herewith and further agree to a waiver and release from any and all liability by the user and/or grower of FMC for failure to perform and/or crop damage resulting from the use of Shark EW as recommended on the labeled crops under the those specific sections of this label. If such terms and conditions are unacceptable, FMC requests the return at once of all product in unopened original containers. FMC considers the user to have accepted such terms and conditions upon the use of Shark EW.

Shark EW, 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 in order to determine its suitability for the intended use. FMC makes Shark EW 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. The decision to use, or not to use, Shark EW 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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