

100-1429

2/14/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

100-1429

2-14-12

Term of Issuance: Unconditional

Name of Pesticide Product:

Foxfire Herbicide

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, NC 27419

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration/reregistration /registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Date:

2-14-12

Kable Bo Davis  
Product Manager 25  
Herbicide Branch, Registration Division (7505P)

2. Submit one copy of the final printed label for the record before you release the product for shipment.
3. Submit the results of the storage stability and corrosion characteristics studies within 18 months from the date of this notice.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions please contact Erik Kraft at 703-308-9358 or [kraft.erik@epa.gov](mailto:kraft.erik@epa.gov).

[Booklet]

GROUP 1 HERBICIDE

**Foxfire™**

**Herbicide**

Postemergence herbicide for control of grass weeds in wheat

Active Ingredient:

Pinoxaden*	5.01%
Fenoxaprop-p-ethyl**	5.01%
Other Ingredients:	89.98%
Total:	100.00%

\*CAS No. 243973-20-8

\*\*CAS No. 66441-23-4

Contains 0.42 pounds of pinoxaden and 0.42 pounds of fenoxaprop-p-ethyl active ingredient per gallon.

Contains petroleum distillates.

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING/AVISO**

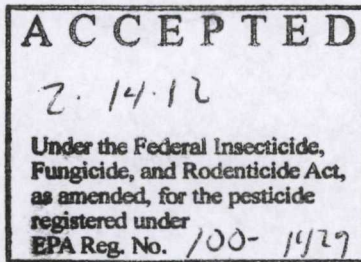
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-xxxx

EPA Est.

- 2.5 gallons
- 15 gallons
- 30 gallons
- 120 gallons
- 250 gallons
- 264 gallons
- \_\_\_\_\_ gallons
- Net Contents



<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>Note to Physician</b>	
Contains petroleum distillates - vomiting may cause aspiration pneumonia.	
<b>HOT LINE NUMBER</b>	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call <b>1-800-888-8372</b>	

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals**

**WARNING/AVISO**

Causes skin irritation. Harmful if swallowed. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**Personal Protective Equipment (PPE)**

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

**All mixers, loaders, applicators and other handlers must wear:**

- Coveralls worn over short-sleeved shirt and long pants
- Socks and chemical-resistant footwear
- Chemical-resistant gloves such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, and Viton® ≥14 mils

When mixing and loading wear a chemical-resistant apron. For overhead exposure wear chemical-resistant headgear. When cleaning equipment wear a chemical-resistant apron.

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

**Engineering Control Statements**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards**

For terrestrial uses: This pesticide is toxic to fish and aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates or non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks 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, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

### DIRECTIONS FOR USE

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

Foxfire Herbicide may be used only in accordance with directions on this label or in separately published Syngenta supplemental labeling directions for this product.

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 48 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 worn over short-sleeved shirt and long pants
- Socks and chemical-resistant footwear
- Chemical-resistant gloves such as barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, and Viton ≥14 mils

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY AND/OR POOR WEED CONTROL.**

Foxfire Herbicide may be applied in the following states: Minnesota, Montana, North Dakota, South Dakota and Wyoming. Foxfire Herbicide is a systemic, postemergence herbicide for the control of several grass weed species in all varieties of spring wheat (excluding durum) and winter wheat.



Foxfire Herbicide is rapidly absorbed by weed foliage and translocated to the growing points of leaves and stems where it inhibits the acetyl CoA carboxylase (ACCase) enzyme. Susceptible weed species generally stop growing within 48 hours of treatment, turn yellow within one to three weeks, and are completely controlled within three to five weeks. Level and rate of control depend on weed species, growing conditions, crop competition, and coverage. Thorough spray coverage of the plants is essential for consistent control.

Although Foxfire Herbicide does not control broadleaf weeds, it can be tank mixed with a wide range of broadleaf herbicides to provide broad-spectrum one-pass weed control. See the section entitled **Tank Mixes of Foxfire Herbicide with Broadleaf Weed Herbicides, Fungicides, and Insecticides**. Herbicides not listed on this label for tank mixing with Foxfire Herbicide may be applied sequentially. Always apply Foxfire Herbicide first and allow at least 4 days after application of Foxfire Herbicide before applying these herbicides sequentially.

### Weeds Controlled

Foxfire Herbicide controls green foxtail, yellow foxtail, giant foxtail, wild oat, volunteer oat, barnyardgrass, and wild proso millet.

### Use Rates

Apply the specified rate of Foxfire Herbicide using ground or aerial equipment, in a minimum of 5 gals. of water per acre (see **Ground and Aerial Application Procedures** section for additional information).

WEEDS CONTROLLED <sup>A</sup>	USE RATE	
Green foxtail, <i>Setaria viridis</i> Yellow foxtail, <i>Setaria glauca</i> Giant foxtail, <i>Setaria faberi</i> Wild oat, <i>Avena fatua</i> Volunteer oat, <i>Avena sativa</i> Barnyardgrass, <i>Echinochloa crus-galli</i> Wild proso millet, <i>Panicum miliaceum</i>	Foxfire Herbicide	8.2 fl. oz./A

<sup>A</sup>When tank mixing broadleaf herbicides, refer to **Tank Mixtures of Foxfire Herbicide with Broadleaf Weed Herbicides, Fungicides, and Insecticides** section for exceptions and additional information on weeds controlled.

**Management of Resistant Weeds**

Foxfire Herbicide is a Group 1 Herbicide (ACCase mode of action). Some naturally occurring populations of grass weeds have been identified as resistant to herbicides with the ACCase mode of action. Selection of resistant biotypes, through repeated use of these herbicides in the same field, may result in control failures. A resistant biotype may be present if poor performance cannot be attributed to adverse weather conditions or improper application methods. If resistance is suspected, contact your local Syngenta representative for assistance.

The following practices will delay selection for resistant populations of weeds:

- Apply postemergence herbicides to small, actively growing weeds.
- Ensure that good spray coverage is achieved with proper spray volumes and calibrated equipment.
- Use the full label rate of product.
- Avoid tank mixes that may cause antagonism and reduced weed control.
- Where possible, avoid the repeated use of herbicides with the same mode of action (i.e., same group number) in successive seasons either in cereal crops or rotational crops.
- Use a diverse crop/fallow rotation to extend the range of available herbicides and agronomic practices.
- Use cultivation, fertilizer regimens, seeding rates and row widths that enhance crop competitiveness.
- Prevent weed escapes from producing seed either in the crop or during fallow periods.

**Rotational Crop Restrictions**

The following crops may be planted at the specified interval following application of Foxfire Herbicide.

Crop	Rotational Interval
Wheat (including Durum) and Barley	0 days
Leafy and Root Crops	30 days
Other Cereal Grains and All Other Crops	90 days

**APPLICATION PROCEDURES**

**Timing of Application**

Apply Foxfire Herbicide to all varieties of spring wheat (excluding durum) and winter wheat from the 2-leaf stage to pre-boot stage. Refer to the **Crop Use Directions** section for grazing and harvest restrictions.

*Precaution: Do not apply to a crop that is stressed by conditions such as frost, low fertility, drought, flooding, disease damage, or insect damage, as crop injury may result.*

When tank mixing with a broadleaf herbicide, insecticide or fungicide, always refer to the label of the tank-mix partner prior to use.

For optimum results, apply Foxfire Herbicide to actively growing weeds. An early application will maximize crop yields by reducing weed competition. Weed control following application of Foxfire Herbicide alone or in combination with broadleaf herbicides can be reduced or delayed under conditions of stress, such as drought, heat, insufficient fertility, flooding, and prolonged cool temperatures. Grass escapes or re-tillering may occur if application is made during prolonged conditions of stress. Optimum weed control will be obtained if application of Foxfire Herbicide is delayed until the conditions of stress have ended and weeds are once again actively growing. Weeds emerging after Foxfire Herbicide application will not be controlled.

TIMING OF APPLICATION TO WEEDS		
Weed	Leaves on Main Stem	Tillers
Green Foxtail Yellow Foxtail Giant Foxtail Barnyardgrass Wild Proso Millet	1 to 5-leaf stage on main stem	For optimum control, apply prior to emergence of the 3 <sup>rd</sup> tiller and while weeds are actively growing.
Wild Oat Volunteer Oat	1 to 6-leaf stage on main stem	For optimum control, apply prior to emergence of the 4 <sup>th</sup> tiller and while weeds are actively growing.

**Rainfastness**

Foxfire Herbicide applied alone is rainfast 1 hour after application.

**Ground and Aerial Application Procedures**

For best accuracy, calibrate the sprayer before use.

**Ground Applications**

**Water Volume** - Use a dilution rate of 5-10 gals. of water per acre. Use 10 gals. of water per acre under dry conditions or dense weed populations. Dilution rates of greater than 10 gals. of water per acre should be avoided as reduced grass control may occur.

**Spray Nozzles** - 80° or 110° flat fan nozzles are recommended for optimum spray coverage. Nozzles must be uniformly spaced along the boom to provide accurate and uniform coverage. Point the nozzles forward in the direction of travel at an angle of 45° for optimum coverage of grass weeds. Follow the nozzle manufacturer's recommendations for pressure and screens. Do not use flood or hollow cone type nozzles.

**Screens** - Use a screen or strainer with 16-mesh or coarser on the suction side of the pump. Do not place a screen in the recirculation line unless using a roller or piston pump. Use 50-mesh or coarser screens between the pump and boom, and at the nozzles.

**Pressure** - 35-40 psi at the nozzles. Lower pressure may be used with extended range or low pressure nozzles.

**Pump** - Must have capacity to maintain pressure (35-40 psi) and to maintain the product suspension through tank agitation. A centrifugal pump is recommended with an agitation rate of 20 gals./minute/100 gals. tank size. Agitation must be maintained during mixing and spraying.

Good weed coverage with the spray mixture is essential for optimum weed control results. Observe sprayer nozzles frequently during the spraying operation to ensure that the spray pattern is uniform. Avoid large spray overlaps which result in excessive rates in the overlap areas. Also, avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. To reduce spray drift, do not apply under windy conditions. Allow adequate distance between target area and desirable vegetation to prevent drift to nontarget areas. Boom height for broadcast over-the-top application should be based upon the free-standing height of the crop, not height above the soil surface, and should be at least 12 inches above the crop.

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## **AERIAL APPLICATIONS**

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Apply Foxfire Herbicide in water using a minimum spray volume of 5 gals./A. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. Make applications at a maximum height of 10 ft. above the crop with low-drift nozzles at a maximum pressure of 40 psi and wind speed not exceeding 10 mph to help assure accurate application within the target area.

### **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 determines the potential for spray drift. The applicator and grower must consider the interaction of equipment and related factors to ensure that the potential for drift to sensitive non-target plants is minimal.

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

1. The distance of the outermost nozzles on the boom must not exceed  $\frac{3}{4}$  the length of the wingspan or rotor.

- 2. Nozzles must always point backward parallel with the air stream and never be pointed downward more than 45 degrees.

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

The applicator should be familiar with and take into account the information covered in the **Aerial Drift Reduction Advisory Information**

**Information on Droplet Size**

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

**Controlling Droplet Size**

- **Volume** - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of Nozzles** - Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation** - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

**Boom Length**

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

### **Application Height**

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

### **Swath Adjustment**

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

### **Wind**

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

### **Temperature and Humidity**

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

### **Temperature Inversions**

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

### Sensitive Areas

This pesticide may only be applied when the potential for drift to adjacent sensitive areas, e.g., residential areas, bodies of water, non-target plants is minimal, (i.e., when the wind is blowing away from the sensitive area.)

Avoid all direct or indirect contact (such as spray drift) of Foxfire Herbicide with crops other than those specified for treatment on this label, since injury may occur.

### Chemigation

Do not apply this product through any type of irrigation system.

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## MIXING PROCEDURES

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### Mixing Instructions

1. Clean spray tank and half fill with clean water. Start agitation or bypass system.
2. If a broadleaf herbicide is to be used, add the product **FIRST**, prior to adding Foxfire Herbicide and agitate for 2-3 minutes.
3. Add correct amount of Foxfire Herbicide and agitate for 2-3 minutes.
4. Add remainder of water and then maintain constant agitation.
5. After any break in spraying operations, agitate thoroughly before spraying again.
6. **Use the spray tank mixture as soon as it is prepared.**

### Sprayer Cleanup

Prior to using Foxfire Herbicide, ensure that the spray tank, lines and screens and filters are thoroughly clean.

Thoroughly clean application equipment immediately after spraying Foxfire Herbicide. Ensure that all traces of the product are removed. The following directions are provided:

1. Drain and flush tank walls, boom, and all hoses for 10 minutes with clean water. **Do not** clean the sprayer near desirable vegetation, wells, or other water sources.
2. Remove the nozzles and screens and wash separately.
3. Dispose of all rinsates in accordance with state and local regulations.

- 4. If a broadleaf herbicide, insecticide, or fungicide tank-mix partner is used, always check tank-mix partner label for any additional cleanup procedures.

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**CROP USE DIRECTIONS**

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**Wheat**

Foxfire Herbicide can be used on all varieties of spring wheat (excluding durum) and winter wheat. Do not allow spray to drift to adjacent fields seeded to crops other than wheat. Do not treat wheat underseeded to forages.

- Make one application per crop season.
- Do not graze livestock or harvest forage for hay from treated wheat for a minimum of 30 days following application.
- Do not harvest grain for 60 days following application in Minnesota, Montana, North Dakota and South Dakota. Do not harvest grain for 70 days following application in Wyoming.
- Wheat straw may be fed to livestock 60 days after application.

**Tank Mixtures of Foxfire Herbicide with Broadleaf Weed Herbicides, Fungicides, and Insecticides**

For broad-spectrum control of annual grass and broadleaf weeds, tank mix Foxfire Herbicide with one of the broadleaf herbicides or broadleaf herbicide combinations listed in the following table. Consult the label of the tank-mix partner for a list of broadleaf weeds controlled, application timing, recropping restrictions, grazing interval restrictions, directions for use, and precautions. Use in accordance with the most restrictive of label limitations and precautions. Do not exceed label dosage rates. This product cannot be mixed with any other product whose label prohibits such a mixture.



**Table 1:** For control of green foxtail, yellow foxtail, wild oat, volunteer oat, and broadleaf weeds (refer to the broadleaf tank-mix partner label for weeds controlled), use Foxfire Herbicide at 8.2 fl. oz./A plus one of the following single or two-way broadleaf herbicide combinations. Broadleaf herbicide combinations other than those listed in the table below are not recommended.

**SELECT ONLY ONE BROADLEAF HERBICIDE TANK-MIX COMBINATION LISTED IN THE TABLE BELOW**

Broadleaf Herbicide <sup>A</sup>	Rate	Weeds controlled by Foxfire Herbicide at 8.2 fl oz./A*			
		Green Foxtail	Yellow Foxtail	Wild Oat	Volunteer Oat
Affinity™ BroadSpec <sup>B</sup>	0.4 oz./A	S	S	S	S
Affinity TankMix <sup>B</sup> + MCPA Ester <sup>C</sup>	0.6 oz./A + 0.5-0.75 pt./A	C	C	S	S
Affinity TankMix <sup>B</sup> + Starane®	0.6 oz./A + 0.5-0.67 pt./A	C	C	S	S
Affinity TankMix <sup>B</sup> + WideMatch™	0.6 oz./A + 1 pt./A	C	C	S	S
Bronate® Advanced	0.8 pt./A	C	C	S	S
Buctril®	1 pt./A	C	C	C	C
Buctril + MCPA Ester <sup>C</sup>	1 pt./A + 0.54 pt./A	C	C	S	S
Harmony® Extra XP <sup>B</sup>	0.3-0.6 oz./A	C	C	C	C
Harmony Extra XP <sup>B</sup> + MCPA Ester <sup>C</sup>	0.3-0.5 oz./A + 0.5-0.75 pt./A	C	C	S	S
Harmony® SG <sup>B</sup>	0.45-0.9 oz./A	C	C	C	C
Harmony SG <sup>B</sup> + MCPA Ester <sup>C</sup>	0.45-0.9 oz./A + 0.5-0.75 pt./A	C	C	S	S
Hat Trick® Three Way	1.5 pt./A	C	C	S	S
Huskie™ <sup>B</sup>	11-13 fl. oz./A	C	C	C	C
MCPA Ester <sup>C</sup>	0.5-0.75 pt./A	C	C	C	C
Orion® <sup>B</sup>	17 fl. oz./A	C	C	S	S
Orion <sup>B</sup> + Starane	17 fl. oz./A + 0.5-0.67 pt./A	C	C	S	S
Peak® <sup>B</sup>	0.25-0.5 oz./A	C	C	C	C
Peak <sup>B</sup> + MCPA Ester <sup>C</sup>	0.25-0.5 oz./A + 0.5-0.75 pt./A	C	C	S	S
Pulsar™	8.3-12.5 fl. oz./A	C	C	S	S
Pulsar + Affinity TankMix <sup>B</sup>	8.3-12.5 fl. oz./A + 0.6 oz./A	C	C	S	S
Pulsar + MCPA Ester <sup>C</sup>	8.3-12.5 fl. oz./A + 8.6 fl. oz./A	C	C	S	S
Pulsar + Peak <sup>B</sup>	8.3-12.5 fl. oz./A + 0.25 oz./A	C	C	S	S
Starane™	0.5-0.67 pt./A	C	C	C	C
Starane + Bronate Advanced	0.5-0.67 pt./A + 0.6-0.8 pt./A	C	C	S	S
Starane + Harmony SG <sup>B</sup>	0.5-0.67 pt./A + 0.45-0.75 oz./A	C	C	S	S
Starane NXT	14 fl. oz./A	C	C	S	S

Broadleaf Herbicide <sup>A</sup>	Rate	Weeds controlled by Foxfire Herbicide at 8.2 fl oz./A*			
		Green Foxtail	Yellow Foxtail	Wild Oat	Volunteer Oat
Starane + Sword <sup>D</sup>	1.125 pt./A	C	C	S	S
WideMatch	1 pt./A	C	C	C	C
WideMatch + Harmony SG <sup>B</sup>	1 pt./A + 0.45-0.6 oz./A	C	C	S	S
WideMatch + MCPA Ester <sup>C</sup>	1 pt./A + 0.5-0.75 pt./A	C	C	S	S

\* C = Control; S = Suppression (indicates "Partial Control" which means significant activity but not always at a level generally considered acceptable for commercial weed control).

<sup>A</sup> Other products that contain equivalent active ingredient(s) and used at the same active ingredient rate(s) as the broadleaf herbicide tank-mix partner listed in this table may be used.

<sup>B</sup> Addition of surfactants is not required.

<sup>C</sup> Assume 3.7 lb. ae/gal. product.

<sup>D</sup> Starane + Sword Herbicide, EPA Reg. No. 62719-307.

When tank mixing, add the broadleaf herbicide(s) to the spray tank first followed by Foxfire Herbicide.

*Precaution: Temporary crop injury may occur with tank mixes under extreme weather conditions or when the crop is suffering from stress due to inadequate or abnormally high moisture levels or extreme temperatures.*

**Note:** Tank mixing is not recommended with any chemical additives, pesticides, or fertilizers that are not recommended on this label or other Syngenta labeling or recommendations made by Syngenta as reduced annual grass control and/or crop injury may occur. Herbicides not listed for tank mixing on this Foxfire label, or other Syngenta labeling or recommendations made by Syngenta may be applied sequentially. Always apply Foxfire Herbicide first and allow at least 4 days after application of Foxfire Herbicide before applying these herbicides sequentially.

**Tank-Mix Application With Tilt® Fungicide**

Foxfire Herbicide may be tank mixed with Tilt Fungicide for annual grass and disease control. Apply Foxfire Herbicide at 8.2 fl. oz./A in a tank mix with Tilt at labeled use rates. Refer to the Tilt label for specific use directions, application rates, restrictions, and a list of diseases controlled.

**Tank-Mix Application With Quilt® Fungicide**

Foxfire Herbicide may be tank mixed with Quilt Fungicide for annual grass control and early season disease suppression. Apply Foxfire Herbicide at 8.2 fl. oz./A in a tank mix with Quilt Fungicide at 7 fl. oz./A. Refer to the Quilt label for specific use directions, restrictions, and a list of diseases suppressed and/or controlled. **Note:** Under certain environmental conditions, tank mixes of Quilt Fungicide plus herbicides may cause crop injury.

**Tank-Mix Application With Warrior II with Zeon Technology®**

Foxfire Herbicide may be tank mixed with Warrior II with Zeon Technology for annual grass and insect control. Apply Foxfire Herbicide at 8.2 fl. oz./A in a tank mix with Warrior II with Zeon Technology at labeled use rates. Refer to the Warrior II with Zeon Technology label for specific use directions, application rates, restrictions, and a list of insects controlled.

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**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in a cool, dry place. Do not store near seeds, fertilizers, or foodstuffs.

**Pesticide Disposal**

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

**Container Handling [less than 5 gallons]**

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Container Handling [Bulk and Mini-bulk]**

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or

puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Refillable container. Refill this container with Foxfire Herbicide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities. If the container is damaged or leaking, or obsolete, contact SYNGENTA CROP PROTECTION, LLC at 1-800-888-8372.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

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Starane®, Starane® + Sword®, and WideMatch™ trademarks of Dow AgroSciences, LLC

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For non-emergency (e.g., current product information), call  
Syngenta Crop Protection at 1-800-334-9481

Manufactured for:  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

[BASE LABEL]

GROUP 1 HERBICIDE

**Foxfire™**

**Herbicide**

Postemergence herbicide for control of grass weeds in wheat

Active Ingredient:

Pinoxaden*.....	5.01%
Fenoxaprop-p-ethyl**.....	5.01%
Other Ingredients:	89.98%
Total:	100.00%

\*CAS No. 243973-20-8  
\*\*CAS No. 66441-23-4

Contains 0.42 pounds of pinoxaden and 0.42 pounds of fenoxaprop-p-ethyl active ingredient per gallon.

Contains petroleum distillates.

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING/AVISO**

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

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-xxxx

EPA Est.

- 2.5 gallons
- 15 gallons
- 30 gallons
- 120 gallons
- 250 gallons
- 264 gallons
- \_\_\_\_\_ gallons
- Net Contents

**PRECAUTIONARY STATEMENTS****Hazards to Humans and Domestic Animals****WARNING/AVISO**

Causes skin irritation. Do not get on skin or clothing. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes moderate eye irritation. Avoid contact with eyes. Harmful if swallowed. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>Note to Physician</b>	
Contains petroleum distillates - vomiting may cause aspiration pneumonia.	
<b>HOT LINE NUMBER</b>	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call <b>1-800-888-8372</b>	

**Environmental Hazards**

For terrestrial uses: This pesticide is toxic to fish and aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates or non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame.



[Bulk]

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks 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, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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**STORAGE AND DISPOSAL**

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**Container Handling [Bulk and Mini-bulk]**

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

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Manufactured for:  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

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Foxfire Herbicide - tb - 02-07-12  
000100-xxxxx.20110811B.FOxFIRE\_NEWAUG2011.doc

Foxfire Herbicide - tb - 02/10/12  
000100-xxxxx.20110811C.FOxFIRE\_NEWAUG2011.doc