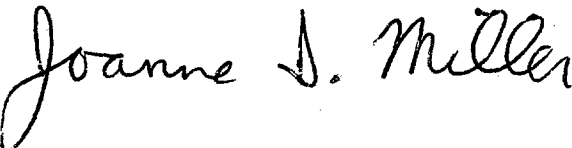
 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY</p> <p style="text-align: center;">Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE:  <input type="checkbox"/> Registration  <input checked="" type="checkbox"/> Reregistration          (under FIFRA, as amended)</p>	EPA Reg. Number: 1381-98	Date of Issuance:  JUL 23 2008
	Term of Issuance:	
	Name of Pesticide Product: Agrisolutions MCPE Phenoxy Herbicide	
Name and Address of Registrant (include ZIP Code):  Agriliance, LLC P.O. Box 64089 St. Paul, MN 55164-0089		
<p>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.</p>		
<p>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.</p> <p>This product is reregistered in accordance with FIFRA sec. 4(g)(2)(C) provided that you:</p> <ol style="list-style-type: none"> <li>1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.</li> <li>2) The First Aid should be revised to "IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.</li> </ol>		
Signature of Approving Official:   Joanne I. Miller Product Manager 23 Herbicide Branch Registration Division (7505P)	Date:  JUL 23 2008	

Have the product number or label with you when calling a poison control center or doctor. You may also contact 1-877-424-7452 for emergency medical treatment information.”

- 3) Change the Hazards to Humans and Domestic Animals statements to “May be fatal if absorbed through skin. Causes skin irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.”.
- 4) Per page 85 of the RED, the text in bold must be added to the label: “Follow manufacturer’s instructions for cleaning/maintaining PPE. If not such instructions for washables **exist**, use detergent and hot water. Keep and wash PPE separately form other laundry.”
- 5) To the Environmental Hazards section the text “this pesticide may be toxic to fish, aquatic invertebrates and aquatic plants”, as originally required in the RED is not needed and should be deleted from the label.
- 6) A Non-Agricultural Use Requirements Box must be added to the label and placed after the Agricultural Use Requirements box. The following statements must be contained in the Non-Agricultural Use Requirements box: “Non-Agricultural Use Requirements” “The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40CFR Part 170). The WPS applies when this product is used to product agricultural plants on farms, forests, nurseries, or greenhouses.” “Do not enter or allow others to enter the treated areas until sprays have dried.”
- 7) To the Spray Drift section change the typo “apply only then...” to “apply only when...” in the wind speed text.
- 8) To the Non Crop Areas delete “other non-crop areas”.
- 9) To the Storage and Disposal section change “Storage” to “Pesticide Storage”.
- 10) To the Notice of Warranty section add “to the extent consistent with applicable law” in front of “seller makes no other express”.
- 11) On page 5 change “6 pints” to “6.5 pints”.

Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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 call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.



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ACCEPTED Page 1 of 5  
with COMMENTS  
in EPA Letter Dated  
JUL 23 2008

**MCPE**  
**Phenoxy Herbicide**  
For Wheat, Barley, Oats and Rye

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

1381-98

ACTIVE INGREDIENT:		
	2-methyl-4-chlorophenoxyacetic acid isooctyl (2-ethylhexyl ) ester*	68.7%
INERT INGREDIENTS:		31.3%
	Total.....	100.0%

\* Equivalent to 44.1% of 2-methyl-4-chlorophenoxyacetic acid or no less than 3.7 lbs. of MCPA acid per gallon at 68° F. Isomer specific by AOAC Method No. 6.A18-22 (13th ed.). Product 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 read it to you in detail.)

**FIRST AID**

**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 by a poison control center or doctor.

**IF IN EYES:** Hold eyelids open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

**Note to Physician:** Contains petroleum distillate – vomiting may cause aspiration hazard.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of medical emergency call toll free – 1-877-424-7452.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**WARNING**

Harmful if swallowed, inhaled or absorbed through skin. Causes skin irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

**Personal Protective Equipment (PPE):**

Some materials that are chemical-resistant to this product are listed below neoprene, nitrile rubber, barrier laminate, or viton. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves such as neoprene, nitrile rubber, barrier laminate, or viton when mixing, loading, or using any hand-held equipment.
- Shoes plus socks.
- Protective eyewear.

EPA REG. No. 1381-98

EPA Est. No.

Distributed by Agriliance, LLC  
P.O. Box 64089, St. Paul MN 55164-0089

NET CONTENTS 2.5 GALS. (9.46 L)

0/E25/6

Additional PPE requirements for mixers and loaders supporting aerial application to rangelands, pasture lands, or noncropland. These mixers/loaders also must wear:

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- A chemical-resistant apron.
- A NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any R, P, or HE filter.

See Engineering Controls for additional requirements:

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

**Engineering Controls Statement:**

If the mechanical system is used 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.

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.

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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**

~~This product is toxic to aquatic invertebrates. Drift or runoff adversely affect aquatic invertebrates and non-target plants. This pesticide may be toxic to fish, aquatic invertebrates and aquatic plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.~~

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Most cases of groundwater contamination involving phenoxy herbicide such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forest, 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 statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements of this box apply only to those 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

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contact with anything that has been treated, such as plants, soil, or water (

- Coveralls,
- Chemical-resistant gloves such as neoprene or nitrile rubber or barrier laminate or viton made of any waterproof material,
- Shoes plus socks, and
- Protective eyewear.

This product is recommended for controlling the following as well as many other plants susceptible to MCPA.

#### ANNUAL AND BIENNIAL WEEDS

Annual sowthistle, Beggarticks, \*\*Chervil, Cocklebur, Fanweed (pennycress), \*Goatsbeard, \*Hempnettle, Lambsquarter, \*Marshelder, Miner's lettuce, Mustards (except blue), Pepperweed (field), Poison hemlock, \*Puncturevine, Pigweed, \*Purslane, Ragweed, \*\*Russian thistle, \*Shepherdspurse, Stinkweed, Sunflower, Wild radish.

#### PERENNIAL WEEDS\*

Buttercup, Canada thistle, Dandelion, Dragonhead mint, Stinging nettle, Perennial sowthistle, Plantains, Vetch, Whitetop (Hoary cress), Yellow rocket (Wintercress).

\*Use the higher rate for control. Repeat treatments may be necessary. Refer to specific crop Restrictions and Limitations.

\*\*Regrowth may occur after repeat treatment.

#### USE PRECAUTIONS

Unless otherwise noted under individual **DIRECTIONS** section, for aerial application, apply the recommended amount in a minimum of 2 gallons of water per acre. For ground application, apply the recommended amount in a minimum of 10 gallons of water per acre. Use more water for both methods when adverse growing conditions are present. **DO NOT** apply with high spray pressures, hollow cone or other nozzle types that produce small spray droplets which may drift. Avoid spray drift by making applications when conditions such as wind, air stability and temperature inversions are not a factor. The use of a suitable drift control agent at the proper rate will aid in the reduction of spray drift. Do not apply this product through any type of irrigation system.

#### SPRAY DRIFT MANAGEMENT

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Apply only when the wind speed is 2-10 mph at the application site.

*Additional requirements for aerial application:*

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy.

When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

Do not make applications into temperature inversions.

*Additional requirements for ground boom application:*

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

#### MIXING INSTRUCTIONS

**WATER BASED SPRAY** -- Fill the equipment half full of water, agitate while adding this product, then add the rest of the water.

Wash spray equipment thoroughly with **PROTANK™** cleaner after using this product. When cleaning, do not pour washwater on the ground; spray or drain over a large area away from wells or other water sources.

Consult local agricultural experiment station or extension service weed specialists for use recommendations in your area.

**Note:** When stored at temperatures below freezing, it may be necessary to warm contents to 70° F and mix thoroughly before using.

WEEDS	AMOUNT OF MCPE PER ACRE	DIRECTIONS
Annual weeds Annual and biennial weeds Perennial weeds	1/2 pint 1 to 1-1/2 pints * <del>3 pints</del> * 1-5/8 pints*	Apply when weeds are small. Apply after crop has reached the 3 to 5 leaf stage up to early boot stage (Zadoks 1 <sub>3</sub> to 4 <sub>0</sub> ). For less susceptible weeds, use the <del>3 pint</del> 1-5/8 pint rate after the crop has tillered and up to early boot stage (Zadoks 2 <sub>5</sub> to 4 <sub>0</sub> ). Do not spray from boot stage to dough stage (Zadoks 4 <sub>0</sub> to 8 <sub>0</sub> ).
* The higher rate may cause grain injury. Any legumes present may be killed.		
<b>RESTRICTIONS AND LIMITATIONS FOR SMALL GRAINS</b> Do not forage or graze treated areas for 7 days after application. Do not apply more than 1-5/8 pints (3/4 lb. ae) MCPE Phenoxy Herbicide per acre per year.		

**PASTURES, RANGELAND, CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES**

WEEDS	AMOUNT OF MCPE PER ACRE	DIRECTIONS
Established grasses * Annual and biennial weeds Canada thistle and Whitetop (Hoary cress)	1 to 3 pints  3 pints	Apply to established grasses before the head comes into boot stage and on seedling grasses after the grass has at least 5 leaves (tillered). Use higher rate for Whitetop, Canada thistle, and other less susceptible weeds. Spray perennial in early bud to full bloom stage and during active regrowth in the fall.
* Do not use on alfalfa, clover, other legumes or newly seeded areas.		
<b>RESTRICTIONS AND LIMITATIONS FOR PASTURES, RANGELAND, CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES</b> Do not forage or graze treated areas for 7 days after application. Do not apply more than 3 1/4 pints (1-1/2 lbs. ae) MCPE Phenoxy Herbicide per acre per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.		

**GRASSES GROWN FOR SEED**

Do not use on alfalfa, clover, other legumes or newly seeded areas.

WEEDS	AMOUNT OF MCPE PER ACRE	DIRECTIONS
Annual and perennial weeds	1 to 2 pints **	Apply to established grasses before the head comes into boot. Do not spray in boot stage. Apply to seedling grasses after grass has at least 5 leaves. Use the higher rate where weed stands are heavy.
** Repeat treatment may be needed for less susceptible weeds. In some cases, Bent, Buffalo, Carpet and St. Augustine grasses may be injured by this treatment.		
<b>RESTRICTIONS AND LIMITATIONS FOR SEED GRASSES</b> Do not forage or graze treated areas for 7 days after application. Do not apply more than 3 1/4 pints (1-1/2 lbs. ae) MCPE Phenoxy Herbicide per acre per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days.		

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**NON-CROP AREAS**

Fence Rows, Roadsides, Rights-of-Way and Other Non-Crop Areas

WEEDS	AMOUNT OF MCPE PER ACRE	DIRECTIONS
Extensive areas	3/4 gallon 3 1/4 pints	Apply in a minimum of 2 gallons of water per acre by air and 20 to 100 gallons of water by ground. Spray when weeds are in bud to early bloom and again during active fall regrowth.
Spot treatment - Canada thistle, Whitetop (Hoary cress) and buttercup	1/2 pint	Apply in 3 to 4 gallons of water. Spray to thoroughly wet weeds.

**RESTRICTIONS AND LIMITATIONS FOR NON-CROP AREAS**

Do not forage or graze treated areas for 7 days after application. Broadcast Treatment: Do not apply more than 3 1/4 pints (1-1/2 lbs. ae) MCPE Phenoxo Herbicide per acre per year. Do not apply more than 2 applications per year with a minimum retreatment interval of 21 days. Spot Treatment: Do not apply more than 6 pints (3 lbs. ae) MCPE Phenoxo Herbicide per acre per year.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a secure area, in original container only, away from fertilizers, food, or feed. Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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 DISPOSAL:** Metal containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

**NOTICE OF WARRANTY**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

In case of emergency involving this product or for user safety information on this product, contact Agrilience, LLC via CHEMTREC at 1-800-424-9300.