

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

June 15, 2016

Matthew Granahan Regulatory Manager Nufarm, Inc. 11901 S. Austin Ave. Alsip, IL 60803

Subject: Label Amendment – Supplemental Label for Fallowland

Product Name: CLEANSWEEP D HERBICIDE

EPA Registration Number: 71368-90

Application Date: 12/10/2015 Decision Number: 512641

Dear Mr. Granahan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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

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with FIFRA section 6. If you have any questions, please contact Sarah Meadows by phone at 703-347-0505, or via email at meadows.sarah@epa.gov.

Sincerely,

Kathryn Montague, Product Manager 23

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Herbicide Branch

Registration Division (7505P)

Office of Pesticide Programs

Enclosure

### ACCEPTED 06/15/2016 Under the Federal Insecticide, Fungicide

and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 71368-90

# CLEANSWEEP® D HERBICIDE

#### DO NOT APPLY TO RESIDENTIAL AREAS

FOR SELECTIVE POSTEMERGENCE CONTROL OF ANNUAL AND PERENNIAL BROADLEAF WEEDS AND VOLUNTEER POTATOES IN SMALL GRAINS, RIGHTS-OF-WAYS, UTILITY, PIPELINES, RAILROADS AND ROADSIDES, INDUSTRIAL SITES, FENCE ROWS, NON-IRRIGATION DITCH BANKS, NON-RESIDENTIAL TURFGRASS AREAS, FALLOWLAND AND ALSO FOR USE ON CONSERVATION RESERVE PROGRAMS

#### **ACTIVE INGREDIENTS:**

2,4-D-2EHE: Isooctyl (2-ethylhexyl) ester of 2,4-dichlorophenoxyacetic acid*	24.01%
methylheptyl ester***	•
OTHER INGREDIENTS:	
TOTAL:	
Contains petroleum distillates.	
Equivalent to:	
*2,4-dichlorophenoxyacetic acid	20.7%, 2.01 lb/gal
**Bromoxynil	16.5%, 1.60 lb/gal
***4-amino-3,5-dichloro-6-fluoro-2-pvridinyl)oxy)acetic acid	6.6%. 0.64 lb/gal

### **KEEP OUT OF REACH OF CHILDREN CAUTION - PRECAUCION**

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 INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300 For Medical Emergencies Only, Call (877) 325-1840

**EPA REG. NO. 71368-90 EPA EST. NO.** 

Manufactured For: NUFARM, INC. 11901 S. AUSTIN AVE. **ALSIP, IL 60803** 



NET CONTENTS _	GAL. (	Liters)	
[Designation as "N	ONREFILLABLE" or	"REFILLABLE" for	containers > 5 GAL

071368-00090.20160615.EPA Amendment

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION - PRECAUCION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. **PERSONAL PROTECTIVE EQUIPMENT (PPE):** 

Some materials that are chemical-resistant to this product are listed below.

#### All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves (except for pilots) made of barrier laminate or Viton ≥ 14 millimeters thick,
- Chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate, and
- Shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

To reduce exposure to residues, wash the spray rig, tractor, and all other equipment used to handle or apply this product with water daily or before using the equipment for any other purpose.

**ENGINEERING CONTROLS STATEMENT:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agriculture 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 1 70.240(d)(6)].

#### 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. If pesticide gets on skin, wash immediately with soap and water.
- 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

FIRST AID		
IF SWALLOWED	<ul> <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 any liquid to the person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>	
IF IN EYES	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 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>	
IF ON SKIN OR CLOTHING	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
HOT LINE NUMBER		

#### **HOT LINE 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 1-877-325-1840 for emergency medical treatment information.

#### NOTE TO PHYSICIAN

May pose an aspiration pneumonia hazard. Contains petroleum distillate.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

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. Application around a cistern or well may result in contamination of drinking water or groundwater.

#### **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 requirement 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 intervals. 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 24 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is coveralls, chemical-resistant gloves made of waterproof material, shoes plus socks and protective eyewear.

#### NON-AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow people (or pets) to enter the treated area until sprays have dried.

#### **INFORMATION**

This product provides selective postemergence control of perennial and annual broadleaf weeds and volunteer potatoes in wheat, barley, oats, or triticale. This product is for use on Rights-of-ways, Utility, Pipelines, Railroads and Roadsides, Industrial Sites, Fence Rows, Non-irrigation Ditch Banks, Conservation Reserve Programs, and Non-Residential Turfgrass Areas.

#### **USE RESTICTIONS**

- Crop Use- Do not apply more than 1-1/2 pints of this product per acre per growing season.
- Non-Crop & Fallow Use- Do not apply more than 2-1/2 pints of this product per acre per growing season.
- When applying this product, do not contaminate water used for domestic purposes or irrigation ditches
- Do not allow spray drift to come in contact with or apply this product directly to susceptible broadleaf
  plants or broadleaf crops, including but not limited to the following: alfalfa, canola, cotton, edible
  beans, grapes, lentils, lettuce, mustard, peas, potatoes, radishes, soybeans, sugar beets,
  sunflowers, tobacco or tomatoes.
- Do not apply this product through any type of irrigation system (i.e., chemigation).
- Do not plant any crop (including Corn and Sorghum) until 90 days after application.

- If replanting is required within 90-120 days after application, plant only crops listed on this label or Federally approved supplemental labeling.
- Aerial application is prohibited within 300 feet of residential areas (e.g., homes, schools, playgrounds, shopping areas, hospitals, etc.).
- Do not apply with backpack or hand-held application equipment.
- Do not apply to playgrounds, schoolyards, or other residential turfgrass areas.
- Do not use this product on sod farms.

#### PRECAUTIONS FOR AVOIDING SPRAY DRIFT

Spray drift, even very small quantities of the spray that may not be visible, may severely injure susceptible crops whether dormant or actively growing. When applying this product, use low-pressure equipment capable of producing sprays of uniform droplet size with a minimum of fine spray droplets. Under adverse weather conditions, fine spray droplets that do not settle rapidly onto target vegetation may be carried a considerable distance from the treatment area. A drift control or spray thickening agent may be used with this product to improve spray deposition and minimize the potential for spray drift. If used, follow all use instructions, restrictions and precautions on the product label.

#### **Ground Applications**

To minimize spray drift, apply this product in a total spray volume of 8 or more gallons per acre using spray equipment designed to produce large-droplet, low pressure sprays. Refer to the spray equipment manufacturer's specifications for detailed information on nozzle types, arrangement, spacing and operating height and pressure. Spot treatments should be applied only with a calibrated boom to prevent over application. Operate equipment at spray pressures no greater than is necessary to produce a uniform spray pattern. Operate the spray boom no higher than is necessary to produce a uniformly overlapping pattern between spray nozzles. Do not apply with hollow cone-type insecticide nozzles or other nozzles that produce a fine-droplet spray.

#### **Aerial Application**

To minimize spray drift, apply this product in a total spray volume of 3 or more gallons per acre. Drift potential is lowest between wind speeds of 2 to 10 mph. However, many factors, including droplet size and equipment type, determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high potential for temperature inversion. Spray drift from aerial application can be minimized by applying a coarse spray at spray boom pressure no greater than 30 psi; by using straight-stream nozzles directed straight back; and by using a spray boom no longer than 3/4 the length of the rotor or wing span of the aircraft. Spray pattern and droplet size distribution can be evaluated by applying sprays containing a water-soluble dye marker or appropriate drift control agents over a paper tape (adding machine tape). Mechanical flagging devices may also be used.

Do not apply under conditions of a low level air temperature inversion. A temperature inversion is characterized by little or no wind and lower air temperature near the ground than at higher levels. The behavior of smoke generated by an aircraft mounted device or continuous smoke column released at or near site of application will indicate the direction and velocity of air movement. A temperature inversion is indicated by layering of smoke at some level above the ground and little or no lateral movement.

#### SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

#### **Droplet Size**

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, 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.

#### Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors ontarget deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.

#### **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**Susceptible Plants:** Do not apply under circumstances where spray drift may occur to food, forage or other plantings, that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

**Other State and Local Requirements:** Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

#### **Equipment**

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

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 unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way.

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

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

2,4-D esters may volatilize during conditions of low humidity and high temperatures. Do not apply during conditions of low humidity and high temperatures.

#### MIXING INSTRUCTIONS

This product may be tank mixed with other products at specified rates as long as tank mixing is not prohibited by the label(s) of the tank mix partner products and the tank mix partner products are labeled for the timing and method of application for the use site to be treated.

This product can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration and percentage of water, a compatibility test (given below) is recommended prior to mixing in the application equipment. All regulations, either State or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed.

#### **Tank Mixing Precautions**

- Be sure to follow all applicable use directions, precautions, and limitations on the respective product labels.
- Do not exceed specified application rates. Do not tank mix with other pesticide products that contain the same active ingredient as this product unless the label of either mix partner specifies the maximum dosages that may be applied.
- Prior to final use, perform a (jar) test to verify the compatibility of tank mix partner products (see instructions below

#### Tank Mix Compatibility Testing (Jar Test)

The following jar test is recommended prior to tank mixing to ensure the compatibility of this product with other tank mix partner products:

- 1) Mix the desired tank mix ingredients in their relative proportions in a clear glass quart jar with lid.
- 2) Invert the jar containing the mixture several times and observe the mixture for approximately 1/2 hour.
- 3) If the mixture balls-up, forms flakes, sludges, gels, oily films or layers, or other precipitates, it is not compatible and the tank mix combinations should not be used.

#### **Tank Mixing Instructions**

- 1) Fill spray tank with water to 1/4 to 1/3 of the required spray volume.
- 2) Start agitation and maintain agitation continuously during mixing, final filling and while applying.
- 3) Add different formulation types in the following order being sure to allow sufficient time for each product to completely mix and dispersion after addition (Note: This product is an emulsifiable concentrate (EC) formulation):
- a) Dry flowables
- b) Wettable powders
- c) Aqueous suspensions
- d) Flowables or liquids
- 4) Maintaining agitation, fill spray tank to 3/4 of total spray volume and then add this product, other emulsifiable concentrates, and any solutions.
- 5) Finish filling the spray tank.
- 6) While spraying, the tank mix ingredients may settle out of suspension if agitation is stopped before the spray tank is empty. The settled materials must be resuspended before any spraying is resumed and a sparger agitator works particularly well in this situation. Note: Settled material may be more difficult to resuspend than when originally mixed.

#### **Application Timing**

Only weeds that have emerged at the time of application will be controlled so be sure to apply to actively growing weeds. Weed control may be reduced and the risk of crop injury (at all stages of growth) may increase if extreme growing conditions (such as drought or near-freezing temperatures) occur prior to, at, or following application. Control may be decreased if target plant foliage is wet at the time application. Applications of this product are rainfast within 1 hour after application.

#### **Effect of Temperature on Herbicidal Activity**

The herbicidal activity of this product is influenced by weather conditions. Optimum herbicidal activity requires active plant growth and temperatures between 55°F to 75°F. Reduced efficacy will occur when temperatures are below 45°F or above 85°F. Weed control and crop tolerance may be reduced if frost occurs before or shortly after application (3 days).

#### **Spray Coverage**

Use sufficient spray volume to provide thorough coverage and a uniform spray pattern. For best results (and to minimize spray drift), apply in a spray volume of 8 gallons or more per acre by ground and 3 or more gallons of total spray volume per acre by air. Spray volume should be increased as weed density and vegetative canopy increase in order to obtain equivalent weed control, however, do not exceed 40 gallons per acre total spray volume. Rather than increasing boom pressure, decreased spraying speed or larger nozzle tips should be used to increase spray volume.

Use only nozzle types and spray equipment designed for herbicide application. To reduce spray drift, be sure to follow the precautions under the heading Avoiding Injury to Non-Target Plants.

#### **Adjuvants**

To improve weed control, a high-quality adjuvant labeled for use on growing crops may be used. An adjuvant can optimize herbicidal activity when applications are made at lower carrier volumes, under conditions of cool temperature, low relative humidity or drought, or to small, heavily pubescent kochia.

#### **Spot Treatments**

Only apply using a calibrated boom sprayer using the directions below: Application rates in the table below are based on an area of 1,000 square feet.

Do not apply with backpack or hand-held application equipment.

Mix the amount of this product (fluid ounces or ml) corresponding to the desired broadcast rate in one or more gallons of spray. To calculate the amount of this product required for larger areas, multiply the table value (fluid ounces or ml) by the area to be treated in "thousands" of square feet. An area of 1,000 square feet is approximately  $10.5 \times 10.5 \times 10.5$ 

For example: If the area to be treated is 3,500 square feet, multiply the table value by 3.5 (calc.  $3,500 \div 1,000 = 3.5$ ).

Broadcast Rate Conversion Table for Spot Treatments		
Broadcast Rate	Clean Sweep D per Gallon	
(Pints per Acre)	(Fluid Ounces (ml))	
1	0.37 (10.9)	
1-1/2	0.55 (16.3)	
2-1/2	0.92 (27.2)	

#### **Application Rates**

The application rates at the lower end of the specified rate range will be efficacious when applied to susceptible weed species with young, succulent growth. Use the higher rates within the rate range when applying to less sensitive species, perennials, and under conditions where control is more difficult (e.g., when plants are stressed due to drought or extreme temperatures, in dense weed stands and/or the weeds are larger). Higher rates will also be needed to control or suppress weeds in areas where competition from crops is not present (e.g., fallowland).

#### **Sprayer Cleanup**

To avoid injury to desirable plants, before applying other chemicals with the equipment used to apply this product, all equipment must be thoroughly cleaned.

- 1. After applying this product, flush and rinse application equipment with water thoroughly, disposing of the water according to the disposal instructions in this label. *All rinse water must be disposed of in compliance with local, state and federal guidelines.*
- 2. Hose down the interior surfaces of the tank, flushing the tank, hoses, boom and nozzles with clean water for 10 minutes.
- 3. Fill the tank with water and recirculate for 15 minutes.
- 4. Spray part of the mixture through the hoses, boom and nozzles and drain the tank.
- 5. Remove the nozzles and screens and clean separately.
- 6. If the spray equipment will be used on crops other than those labeled for this product, repeat steps 1 and 2 and thoroughly wash the outside of spray tank and the boom.

#### **APPLICATION INFORMATION**

Broadleaf Weeds Controlled or Suppressed			
Gumweed	Nightshade spp. †		
Hemp dogbane Horsetail, field <sup>†</sup> Horseweed (marestail) Jimsonweed Knotweed Kochia <sup>†</sup> Lambsquarter Mallow, common <sup>†</sup> Mallow, venice Marshelder Morningglory Mustard spp.	Pennycress, field Pigweed spp. Plantain Potato, volunteer Prickly lettuce Puncturevine Purslane, common Ragweed, common Smartweed, annual Sunflower Thistle. Russian Velvetleaf		
	Gumweed Hemp dogbane Horsetail, field <sup>†</sup> Horseweed (marestail) Jimsonweed Knotweed Kochia <sup>1</sup> Lambsquarter Mallow, common <sup>†</sup> Mallow, venice Marshelder Morningglory		

- <sup>†</sup> **Indicates Suppression Only -** Suppression is a reduction in weed competition (reduction in population or vigor) as compared to untreated areas. The degree of weed control and duration of effect may vary with weed size, density, application rate, coverage, and growing conditions before, during and after treatment.
- 1 Includes biotypes that are herbicide resistant or tolerant. Weeds germinating after spraying will not be controlled.

#### **CROP USES**

#### Management of Kochia Biotypes

Research indicates many biotypes of kochia may occur within a single field and while kochia biotypes can vary in their susceptibility to this product, in general all biotypes will be suppressed or controlled at the labeled rate of 1 to 1-1/2 pints per acre. A shift to more tolerant biotypes within a field may occur if this product is applied at rates lower than specified.

#### **Best Practices for Resistance Management**

Extensive populations of dicamba-tolerant kochia have been identified in certain small grain and corn production regions (such as Chouteau, Fergus, Liberty, Toole, and Treasure counties in the state of Montana). For optimal control of dicamba-tolerant kochia in these counties, apply this product at the rate of 1-1/2 pints per acre.

To minimize selection pressure and preserve the utility of this product for control of dicamba-tolerant kochia biotypes, this product should be rotated with products that do not contain dicamba.

#### WHEAT, BARLEY, OATS, TRITICALE

#### **Application Timing**

Make applications from the fully tillered stage of growth but before the jointing stage at a rate of 1 to 1-1/2 pints per acre. Use the higher rate when weeds are less susceptible or for heavy weed populations.

#### **Application Restrictions**

- Do not harvest treated forage or allow livestock to graze treated areas within 45 days of application.
- Do not feed treated straw to livestock
- Do not apply more than 1-1/2 pints (24 fluid ounces) of this product per acre per growing season.
- The risk of crop injury at all stages of growth and poor weed control is increased if the application is made and extreme growing conditions (such as drought or near freezing temperatures) occur prior to, at, and following the application. Reduced weed control may also occur during these conditions.
- Do not apply when crop canopy covers the weeds as poor control will result.
- **Preharvest interval (PHI):** Do not apply within 40 days prior to harvesting grain and straw or within 14 days prior to cutting hay.
- Make no more than one postemergence application per crop cycle at a maximum of 1-1/2 pints per acre per application.
- Make no more than one preharvest application per crop cycle at a maximum of 1-1/2 pints per acre per application.
- Do not apply more than 1-1/2 pints per crop cycle.

#### NON CROP USES

#### NON-CROP AREAS (Non-Residential Sites ONLY)

Rights-of-way, roadsides, industrial sites, fence rows, non-irrigation ditch banks, and non-residential turfgrass areas: For control of broadleaf weeds, mix at a rate of 1-1/4 to 2-1/2 pints of this product per acre in adequate water to thoroughly saturate all weeds with spray mixture. This may require a spray volume of 50 to 300 gallons of water per acre. Apply any time between the time when plants come into full leaf (spring) to when the plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with high water volume.

#### **Use Restrictions for Non-Crop Areas:**

Maximum of 2-1/2 pints of product (0.5 lb bromoxynil, 0.2 lb fluroxypyr, 0.6 lb 2,4-D) per acre per year. Limited to 1 application per year.

Do not allow livestock to graze in treated areas or feed treated plant material to livestock.

Do not use this product on sod farms.

Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

#### **AERIAL APPLICATION**

NOTE: In non-cropland areas (including rights-of-way), this product may be applied aerially only by helicopter. Do not apply this product to non-cropland areas using fixed-wing aircraft.

#### **CONSERVATION RESERVE PROGRAMS**

This product herbicide is for use for Conservation Reserve Programs, weed and brush control, or use in State Recognized Noxious Weed areas (noncropland areas). Refer to "Weeds Controlled" section for list of susceptible species. Some weed species require tank mixes for adequate control.

#### **Use Restrictions for CRP:**

Maximum of 2-1/2 pints of product (0.5 lb bromoxynil, 0.2 lb fluroxypyr, 0.6 lb 2,4-D) per acre per year. Limited to 1 application per year.

Do not apply more than 1-1/2 pints of product per acre per year to CRP areas that are underseeded with alfalfa.

Do not add spray adjuvants or fluid fertilizers when applying to CRP areas planted with alfalfa or other legumes.

Consult the Conservation Reserve Program rules for CRP uses. The more restrictive requirements of the program rules or this label must be followed.

Do not allow livestock to graze in treated areas or feed treated plant material to livestock.

#### **FALLOWLAND**

#### **Application Restrictions**

- Do not make more than two applications per year, with a minimum retreatment interval of 21 days.
- Do not apply more than 2-1/2 pints (0.5 lb bromoxynil, 0.2 lb fluroxypyr, 0.6 lb 2,4-D) of this product per acre per growing season.
- Do not allow livestock to graze in treated areas or feed treated plant material to livestock.
- Do not cut, forage or hay within 7 days of application.
- Do not disturb treated area for at least 2 weeks after treatment or until weed tops are dead.
- Do not plant any crop (including Corn and Sorghum) until 90 days after application.
- If replanting is required within 90-120 days after application, plant only crops listed on this label or Federally approved supplemental labeling.

#### **Application Timing**

Apply at a rate of 1 to 2-1/2 pints per acre, depending upon the susceptibility of the weed species. Apply to grasses from the 3-leaf stage. Unless otherwise specified below, apply when broadleaf weeds are up to the 8-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.

Kochia seedlings less than 4 inches tall (including ALS resistant biotypes) will be controlled using the 1 pint per acre rate. However, when conditions for control are less favorable, such as under drought or cool temperature, a rate of 1-1/2 pints per acre will provide more consistent control of kochia seedlings 1 to 4 inches tall. For more consistent control of small kochia, apply when the plants are at least 1 inch tall. A rate of 1-1/2 pints per acre should be used for optimal control of dicamba tolerant kochia populations (refer to the "Management of Kochia Biotypes" in the "Broadleaf Weeds Controlled or Suppressed" section above).

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store above 10°F or warm and agitate before use.

**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 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:

[Note to Reviewer: The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] "NOTE: This product is available in multiple containers. Refer to the Net Contents section of this products labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container disposal [handling] instructions below that apply to your container type / size."

[Note to Reviewer: The bracketed section headers will be included when multiple container types / sizes are listed on the label.]

[Nonrefillable Containers 5 Gallons or Less:] Nonrefillable container. Do not reuse or refill this container. 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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Nonrefillable Containers larger than 5 Gallons:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

[Refillable container larger than 5 gallons:] Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

#### LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV061516)

Cleansweep is a registered trademark of Nufarm Americas Inc.



ACCEPTED

06/15/2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 74000 00

71368-90



## SUPPLEMENTAL LABEL

## **CLEANSWEEP® D HERBICIDE**

LABEL REVISIONS: FALLOWLAND

EPA Reg. No. 71368-90 Expires: January 31, 2018

READ AND FOLLOW THE ENTIRE LABEL BOOKLET FOR THIS PRODUCT BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

"Label" as used in this supplemental labeling refers to the label booklet for this product and this supplemental.

#### **DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN ANY MANNER INCONSISTENT WITH ITS LABELING.

This label must be in the possession of the user at the time of application.

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.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS IN THE PRODUCT LABEL BOOKLET MUST BE FOLLOWED, INCLUDING STATEMENTS PERTAINING TO THE WORKER PROTECTION STANDARDS, ON THE EPA REGISTERED LABEL FOR CLEANSWEEP D HERBICIDE (EPA REG. NO. 71368-90).

#### **Application Restrictions**

- Do not make more than two applications per year, with a minimum retreatment interval of 21 days.
- Do not apply more than 2-1/2 pints (0.5 lb bromoxynil, 0.2 lb fluroxypyr, 0.6 lb 2,4-D) of this product per acre per growing season.
- Do not allow livestock to graze in treated areas or feed treated plant material to livestock.
- Do not cut, forage or hav within 7 days of application.
- Do not disturb treated area for at least 2 weeks after treatment or until weed tops are dead.
- Do not plant any crop (including Corn and Sorghum) until 90 days after application.
- If replanting is required within 90-120 days after application, plant only crops listed on this label or Federally approved supplemental labeling.

#### **Application Timing**

Apply at a rate of 1 to 2-1/2 pints per acre, depending upon the susceptibility of the weed species. Apply to grasses from the 3-leaf stage. Unless otherwise specified below, apply when broadleaf weeds are up to the 8-leaf stage, 4 inches in height or 2 inches in diameter, whichever comes first.

Kochia seedlings less than 4 inches tall (including ALS resistant biotypes) will be controlled using the 1 pint per acre rate. However, when conditions for control are less favorable, such as under drought or cool temperature, a rate of 1-1/2 pints per acre will provide more consistent control of kochia seedlings 1 to 4 inches tall. For more consistent control of small kochia, apply when the plants are at least 1 inch tall. A rate of 1-1/2 pints per acre should be used for optimal control of dicamba tolerant kochia populations (refer to the "Management of Kochia Biotypes" in the "Broadleaf Weeds Controlled or Suppressed" section in the booklet label).

This supplemental label expires on January 31, 2018, and must not be used beyond that date.

#### **NOTICE**

Read the "WARRANTY DISCLAIMER" and "LIMITATION OF LIABILITY" in the label booklet for this product before using this product. Those terms apply to this supplemental labeling and if those terms are not acceptable, return the product unopened at once.

Manufactured For Nufarm Inc. 11901 S. Austin Ave. | Alsip, IL 60803

#### **OPTIONAL MARKETING VERBIAGE:**

Nufarm Grow a better tomorrow. Grow a better tomorrow.

#### **LABEL HISTORY**

FILE NAME	RV DATE	Comments
071368-00090.20110301.MASTER	RV030111	FPL
071368-00090.20151210.EPA Amendment	RV121015	EPA Amendment – Fallow
071368-00090.20160420.EPA Amendment	RV042016	Nufarm Review
071368-00090.20160420.EPA Amendment	RV042016	EPA Review
071368-00090.20160615.EPA Amendment	RV061516	EPA Review