A Horticultural Vinegar Biocide for Non-Selective Control of Broadleaf Weeds and Weed Grasses which Surround Food crops, Non-food crops and Non-production Agricultural, Farmstead, Right-of-Way, and Institutional Land Sites

For Organic Production

Active Ingredient:
Acetic Acid .................................................. 20.00%
Other Ingredients ......................................... 80.00%
Total .......................................................... 100.00%
*Equivalent to 200 grain vinegar by titration

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO
Si usted no 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 label side panels for additional precautionary statements.

F I R S T  A I D
IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for advice.
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 further treatment advice.
IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

DANGER
Corrosive - causes irreversible eye damage. Wear goggles or face shield when handling. Harmful if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling. Wear personal protection equipment when handling and/or applying.

PERSONAL PROTECTION EQUIPMENT (PPE):
Applicators and other handlers must wear appropriate protective eyewear, such as face shield or goggles and face mask (with MSHA/NIOSH approval number prefix such as N95, R-95, or P-95), long sleeved shirt and long pants, waterproof gloves and shoes plus socks.

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

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 pesticide is toxic to birds exposed to spray drift, direct treatment or residues on crops or weeds. Do not apply this product or allow to drift to crops or weeds if birds are actively visiting the treatment area.
- This pesticide is toxic to fish and aquatic invertebrates.
- For terrestrial use only. Do not apply directly to water.

Manufactured by: Fleischmann's Vinegar Company, Inc.
12604 Hiddencreek Way, Ste. A, Cerritos, CA 90703, USA
(800) 443-1067

NON RETURNABLE DRUM - DO NOT LAY DOWN OR ROLL DRUM

55 US GALLONS - 208 LITERS
NET WEIGHT 470 LBS / 213 KG

EPA Registration No. 85208-1
PRODUCT# 0166590016302
LOT #

EPA Establishment No: 85208 - CA - 001
TYPICAL WEEDS CONTROLLED

ANNUAL BROADLEAF WEEDS
- Black medick
- Chickweed
- Black nightshade
- Cinquefoil (rough)
- Common groundsel
- Haired nightshade
- Lambsquarters
- Mustard spp.
- Oxalis spp.
- Pigweed spp.
- Ragweed spp.
- Shepherdspurse
- Smartweed (Ladybirdbe)
- velvetleaf

PERENNIAL BROADLEAF WEEDS
- Amaranth, spp.
- Cinquefoil (silvery)
- Dandelion
- Ground ivy
- Plantain spp.
- Toadflax
- Tufted vetch
- Wild carrot
- Moss

ANNUAL GRASSES
- Crabgrass
- Foxtail spp.
- Italian ryegrass
- Poa annua

PERENNIAL GRASSES
- Quackgrass
- Witchgrass
- Bluegrass

LIVERWORTS*
*For Liverworts, dilute this product at a rate of 1 gallon of this product to 2 gallons of water. For all other weeds, use full strength.

DO NOT SPRAY DIRECTLY ONTO FOOD CROPS

Use this product to control weeds that surround all food crops, nonfood crops (ornamentals) and non-production agricultural, farmstead, right-of-way, and institutional land sites. Use to control weeds in interstate freeways/highways, federal and state highways and city/county roads and walkways, railroad rights-of-way, tank farms, power stations and easements, and other right-of-way, industrial sites, and vacant lots. Suitable to keep down weeds on all botanical and private association ornamental gardens, kennels, dog runs, and other animal enclosures and walkways.

DRIFT MANAGEMENT
- Drill is the off site movement of spray away from the intended target. Managing drift is important for the protection of endangered species. In addition, this product is non-selective so it will severely injure or kill any crop plants or other plants it comes in contact with.
- Do not apply this product by aerial application.
- Do not apply when wind conditions favor movement of spray away from the site of application.
- When applying this product in a broadcast application utilize a hooded sprayer, shielded or other spray equipment that prevents the movement of spray away from the target.
- Utilize nozzles that are designed to produce large spray droplets to reduce drift.

EARLY SEASON ANNUAL WEED CONTROL
Apply this product when weeds are small (3 to 5 leaf stage) and actively growing. Spray this product on unwanted weeds (vegetation) to the point of wetness. For best results spray in full sunshine at temperatures above 65 degrees Fahrenheit. Since dilution of this product will reduce effectiveness, do not dilute. Avoid spraying landscape plants, ornamentals and other desirable foliage as this product causes severe injury to desirable plants.

NOTE: ALL CONTACTED VEGETATION WILL BE AFFECTED. DO NOT ALLOW THIS PRODUCT TO COME IN CONTACT WITH DESIRABLE PLANTS. OVERSPRAY OR DRIFT WILL INURE OR KILL CONTACTED VEGETATION INCLUDING ANY CROP PLANTS.
TURF AND ORNAMENTALS
Such as but not limited to woody ornamentals, potted crops, foliage plants, greenhouses, shadehouses, and any other plant production structure in which the product can be applied without contacting desirable plants. Application to weeds in turf will kill surrounding turf.

ROOT AND TUBER VEGETABLES AND LEAVES OF ROOT AND TUBER VEGETABLES
Such as but not limited to carrot, potato, radish, sugar beet, turnip tops, garden beet leaves, sugar beet leaves. Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows.

BULB VEGETABLES
Such as but not limited to onion, green onion, shallots and garlic.

LEAFY VEGETABLES
Such as but not limited to celery, head lettuce, leaf lettuce, spinach. Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows.

BRASSICA VEGETABLES - COLE CROPS
Such as but not limited to broccoli, cauliflower, cabbage, collard and mustard greens. Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows.

LEGUME VEGETABLES AND LEAVES OF LEGUME VEGETABLES
Such as but not limited to soybeans, peas, beans, gar and their leaves.

FRUITING VEGETABLES
Such as but not limited to tomato, bell pepper, chili pepper, eggplant and okra. Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows.

CUCURBIT VEGETABLES
Such as but not limited to cucumber, squash, cantaloupe, watermelon. Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows.

CITRUS FRUITS
Such as but not limited to orange, grapefruit, lemon and lime. For all fruit crops spray must be directed under the crop canopy. Application equipment must be hooded or shielded. Any contact with the crop will cause crop injury.

POME FRUIT
Such as but not limited to apple and pear. For all fruit crops spray must be directed under the crop canopy. Application equipment must be hooded or shielded. Any contact with the crop will cause crop injury.

STONE FRUIT
Such as but not limited to cherry, peach, nectarine and plum. For all fruit crops spray must be directed under the crop canopy. Application equipment must be hooded or shielded. Any contact with the crop will cause crop injury. In crops where cultivation is possible, cultivate crop middles and reduce the sprayed area by directing the application to the uncultivated base of crop plants.

BERRIES AND SMALL FRUIT
Such as but not limited to strawberry, blackberry, raspberry, blueberry, cranberry, grapes, lingonberry, Saskatoon berry, kiwi fruit, and maypom. For all fruit crops spray must be directed under the crop canopy. Application equipment must be hooded or shielded. Any contact with the crop will cause crop injury. In crops where cultivation is possible, cultivate crop middles and reduce the sprayed area by directing the application to the uncultivated base of crop plants.

TREE NUTS
Such as but not limited to almond, pecan, pistachio, coconut, hazelnut, cashew and walnut. For all nut crops spray must be directed under the crop canopy. Application equipment must be hooded or shielded. Any contact with the crop will cause crop injury.

CEREAL GRAINS AND THEIR STRAW OR FODDER
Such as but not limited to corn, rice, wheat, rye, barley, millet, sorghum, and amaranth. Do not apply to flooded rice. In corn or other crops where cultivation is possible, cultivate crop middles and reduce the sprayed area by directing the application to the uncultivated base of crop plants. Utilize shielded sprays to protect crop plants and reduce drift.

FORAGE CROPS
Grass and Non-Grass Animal feeds- Such as but not limited to bermudagrass, fescue, bluegrass, clover, and alfalfa.

HERBS AND SPICES
Such as but not limited to basil, dill, chive, parsley, cilantro, celery seed, and dill seed. Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows.

OILSEED CROPS
Such as but not limited to canola, sunflower, flax, rapeseed, mustard, guayule, and crambe. Do not spray broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows. In sunflower or other upland crops where cultivation is possible, cultivate crop middles and reduce the sprayed area by directing the application to the uncultivated base of crop plants.

TROPICAL FRUIT
Such as but not limited to avocado, guava, jujube, noni, mango, star fruit, sugar apple, papaya, lychee, passion fruit, banana, date, olive, tamarind, and pineapple. For all fruit crops spray must be directed under the crop canopy. Application equipment must be hooded or shielded. Any contact with the crop will cause crop injury.

MEDICINAL CROPS
Such as but not limited to echinacea, St Johns wort, ginkgo, valerian, and ginseng. Do not broadcast within the growing crop. Apply only with shielded or hooded spray equipment to weeds growing between crop rows. In ginkgo or other upland crops where cultivation is possible, cultivate crop middles and reduce the sprayed area by directing the application to the uncultivated base of crop plants.

MUSHROOMS
Apply preplant only. Do not apply directly to mushroom beds.

MISCELLANEOUS CROPS
Such as but not limited to aloe vera, prickly pear cactus, sugar maple and sweet sorghum for syrup production, peanuts, sugarcanes, artichoke, cotton, asparagus, kava kava, mint, hops, stevia, jojoba, hemp, cacao, tea, and coffee.
FOR SPOT TREATMENT APPLICATION: Direct spray with a single nozzle or a hand-gun applicator to thoroughly wet undesirable weed foliage. Re-treatment of perennial weed growth may be required for control.

FOR BROADCAST SPRAY APPLICATIONS: For broadcast spray application to control weeds. Application types include pre-plant (prior to crop establishment), postharvest desiccation (to kill crop foliage prior to harvesting the crop) postharvest crop desiccation (remaining crop residues after crop has been harvested). Use 15 to 30 gallons of this product per acre. Thorough coverage is necessary to achieve desirable control. For dense weed populations and/or heavy foliage, use the higher spray volume to ensure adequate coverage. Apply with flat fan nozzles and at sufficient pressure to achieve required coverage, but do not exceed a pressure 35 PSI. When applying this product in a broadcast application within a growing crop, utilize a hooded sprayer, shielded, or other spray equipment that prevents the movement of spray away from the target. For pre-plant burndown of young vegetation, use of wide angle nozzles (110 degrees or wider) spaced close together enable the boom to be positioned lower and closer to the spray target, reducing the potential for drift.

POST-DIRECTED (Row middles, shielded sprayer or hooded sprayer): For spray application to control weeds, apply 15 to 30 gallons of this product per acre. Thorough coverage is necessary to achieve desirable control. For dense and/or heavy weed populations, use the higher spray volume to ensure adequate coverage. Apply with flat fan nozzles and at the lowest pressure needed to achieve required coverage, but do not exceed 35 PSI. If treating along the side of crop plants, shielded or hooded sprayers must be used to avoid crop injury.

SPRAY EQUIPMENT:
- Do not apply this product by aerial application.
- Do not apply when wind conditions favor movement of spray away from the site of application.
- When applying this product in a broadcast application utilize a hooded sprayer, shielded, or other spray equipment that prevents the movement of spray away from the target.
- Utilize nozzles that are designed to produce large spray droplets to reduce drift.
- Spray nozzles need to be plastic or 316 stainless steel as this product will eventually corrode any other metal.

FOR CONTROL OF LARGER ANNUALS AND BURNDOWN OF PERENNIAL WEED GROWTH: Larger annual weeds and perennials are more difficult to control and may require retreatment. Treat initially as recommended above and repeat if new growth of leaves appears. Thorough coverage of all weed foliage is necessary to achieve desirable control. To reduce the amount of product required to control well-established weed stands, mow to a height of 4-6 inches and remove cut vegetation before applying this product.

TIMING OF APPLICATIONS: Best results are achieved from applications to actively growing young weeds. Weeds that are mature, dormant, or hardened due to moisture stress are more tolerant of herbicide treatments. For best results spray in full sunshine at temperatures above 65°F. Only contacted vegetation will be affected.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

NOTE: ALL CONTACTED VEGETATION WILL BE AFFECTED. DO NOT ALLOW THIS PRODUCT TO COME IN CONTACT WITH DESIRABLE PLANTS. OVERSPRAY OR DRIFT WILL INJURE OR KILL CONTACTED VEGETATION INCLUDING ANY CROP PLANTS.

STORAGE AND DISPOSAL:
Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE
Keep from freezing. Store only in original tightly sealed container and out of reach of children.

PESTICIDE DISPOSAL:
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:
Refillable container: Refill this container with acetic acid 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. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with a pump for 2 minutes. Pour or pump rinse into application equipment or rinse collection system. Repeat this rinsing procedure two or more times.

WARRANTY STATEMENT:
To the extent required by law, Fleischmann's Vinegar Company, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with the label directions. Fleischmann's Vinegar Company, Inc. makes no other express or implied warranties either of merchantability or fitness for a particular use and shall not be liable for misuse or conditions beyond its control, such as handling or storage.

Fleischmann's Vinegar Company, Inc.,
12604 Hiddencreek Way, Cerritos, CA 90703