

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**



**Estate**®  
**Herbicide**

**syngenta**®

**Active ingredients:**

**ESTATE® contains 20 g/L clopyralid present as the potassium salt, 15 g/L diflufenican and 300 g/L MCPA present as the potassium salt in the form of a suspension concentrate.**

GROUP	<b>12 4</b>	HERBICIDE
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**For the control of certain broadleaf weeds in turf as specified in the Directions for Use**

**Net Contents: 10 L**

*Approved pursuant to the HSNO Act 1996, Approval Code HSR100816  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls*

**Syngenta Crop Protection Limited**  
Level 4, 60 Parnell Road, Parnell, Auckland 1052

**PLEASE READ THE LABEL COMPLETELY BEFORE USE**

**This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.**

**Any person mixing, loading or handling this product MUST be a qualified loader or under the guidance of a qualified loader.**

**Any person applying this product MUST be a qualified contractor/person or under the guidance of a qualified contractor/person.**

**This substance is restricted to use in the workplace only.**

**GHS Classifications:**

Acute oral toxicity Category 4

Skin irritation Category 2

Serious eye damage Category 1

Specific target organ toxicity (repeated exposure) Category 2

Hazardous to the aquatic environment acute Category 1

Hazardous to the aquatic environment chronic Category 1

Hazardous to soil organisms

Hazardous to terrestrial vertebrates

**DANGER**

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

Causes damage to organs through prolonged or repeated exposure.

Very toxic to aquatic life-with long lasting effects.

Very toxic to the soil environment.

Toxic to terrestrial vertebrates.

**PRECAUTIONS**

DO NOT breathe mist or spray.

When mixing or applying wear protective clothing, including overalls, face shield, chemical resistant gloves and footwear.

Wash thoroughly after handling. DO NOT eat, drink or smoke when using this product.

Clean protective clothing and equipment before re-use.

Records of use MUST be kept as per Clause 48 of the Hazardous Property Controls Notice 2017.

Application and storage should be as described in the current version of the Management of Agrichemicals NZS8409.

DO NOT carry on a passenger service vehicle.

DO NOT apply this product onto or into water.

**Container disposal:** Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. DO NOT dispose of undiluted chemicals on site. Recycle empty container through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

**Product disposal:** Dispose of this product only by using according to the label, or at an approved landfill or other approved facility. For additional information refer to the EPA Notice: Hazardous Substances (Disposal) Notice (2017).

**FIRST AID**

If medical advice is needed, have product container or label at hand.

**IF SWALLOWED:** Rinse mouth. DO NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before re-use.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE (0800) 764 766 or doctor/physician.

**SPILLAGE**

Collect spillage. Avoid contamination of any water supply with product or empty container. Contain and collect spillage. Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

**GENERAL INFORMATION**

For best results the turf and weeds should be actively growing at the time of treatment. Complete weed death may take up to 6 weeks. Faster results can be expected on smaller weeds. Due to residual effects of diflufenican over-seeding treated areas within 3 months of application may inhibit establishment of the turf grass.

**RESISTANCE MANAGEMENT**

<b>GROUP</b>	<b>12</b>	<b>4</b>	<b>HERBICIDE</b>
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ESTATE® Herbicide is a member of the Phenyl-ethers, phenoxy and pyridine groups of herbicides. ESTATE® Herbicide has the process of inhibitors of carotenoid biosynthesis and disruptor of cell growth modes of action. For weed resistance management ESTATE® Herbicide is a group 12 and 4 herbicide. Some naturally occurring weed biotypes resistant to ESTATE® Herbicide and other Group 12 and 4 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by ESTATE® Herbicide or other Group 12 or 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, the manufacturer and supplier accepts no liability for any losses that may result from the failure of ESTATE® Herbicide to control resistant weeds.

**DIRECTIONS FOR USE****Restraints**

DO NOT apply if weeds or turf are under stress or when frosts are imminent.

DO NOT use if rain is expected within 4 hours.

DO NOT use clippings as mulch around other plants or for composting.

DO NOT use on golf and bowling greens.

<b>Situation</b>	<b>Weeds Controlled</b>	<b>Rate</b>	<b>Critical Comments</b>
Turf	Broadleaf weeds including; White Clover ( <i>Trifolium repens</i> ) Plantain ( <i>Plantago lanceolata</i> ) Capeweed ( <i>Arctotheca calendula</i> ) Cat's ear ( <i>Hypochoeris radicata</i> ) Bindii (Jo-Jo, Onehunga) ( <i>Soliva sessilis</i> ) Cudweed ( <i>Gnaphalium</i> spp.) Creeping oxalis ( <i>Oxalis corniculata</i> )	5 L in 200 to 500 L water/ha	Apply to actively growing weeds. Transient discolouration may occur on Kikuyu and Carpet grass and Queensland Blue Couch. Varietal differences in certain Buffalo grasses (e.g. ST85) may produce more pronounced effects and it is recommended that small areas be tested for turf safety before large-scale application occurs. Avoid exceeding application rates through overlapping sprayed areas. Use a surfactant for difficult to wet weeds.

**DO NOT GRAZE TREATED TURF OR FEED TURF CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK**

## EPA RESTRICTIONS

**Ecotoxic herbicide. NOT for use in home gardens.**

**Treated vegetation must not be disposed of at any green waste recycling centre.**

**DO NOT use hay or other plant material that has been treated with this substance within 10 weeks of harvest to:**

- **make compost**
- **mulch susceptible crops**
- **make mushroom substrate.**

**DO NOT make compost from manure, paunch grass or dairy effluent unless it is from clopyralid-free animals.** [“clopyralid-free animals” means animals that have not grazed in treated areas for at least 4 days; “treated areas” means areas treated with clopyralid within the previous 3 weeks.]

## SPRAY DRIFT

Take all reasonable steps to ensure that ESTATE® Herbicide does NOT cause any adverse effects to the environment beyond the application area.

DO NOT apply when wind speed is less than 3 or more than 20 km per hour as measured at the application site.

DO NOT apply during surface temperature inversion conditions at the application site.

## PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. Spray drift from ESTATE® Herbicide application may cause injury to herbaceous plants, vegetables, fruit crops, vines, ornamentals and trees.

## MIXING

Shake original container before use. Agitate continuously to ensure thorough mixing before and during application. Only mix sufficient chemical for each day's work.

## SURFACTANTS

Surfactants (if used) should be added after ESTATE® Herbicide and water are mixed, when the spray-tank is almost full.

## COMPATABILITY

No information is available that indicates physical compatibility with other products. Tank-mixing other products with ESTATE® Herbicide cannot therefore be recommended. As formulations of other manufacturers' products are beyond the control of the manufacturer and supplier, all mixtures should be tested prior to mixing commercial quantities.

## MOWING

Avoid mowing during the 3 to 4 days preceding or following treatment.

## RE-ENTRY STATEMENT

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing MUST be laundered after each day's use.

**Manual Handling of Turf:** Hand-weeding and transplanting should not be performed before 2 weeks after spray application, unless workers wear overalls (or equivalent clothing) and chemical resistant gloves.

## CLEANING SPRAY EQUIPMENT

THOROUGHLY CLEAN ALL APPLICATION EQUIPMENT AFTER USE. Rinse water should be discharged onto a designated disposal area or if unavailable onto unused land away from desirable plants and watercourses.

### ***Partial Cleaning (before spraying tolerant turf)***

After using ESTATE® Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the tank with a pressure hose. Quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles. Drain and repeat procedure twice.

### ***Complete cleaning (before spraying susceptible plants)***

After using ESTATE® Herbicide empty the tank completely and drain the whole system. Thoroughly wash inside the tank with a pressure hose. Quarter fill the tank with clean water and circulate through the pump, line, hoses and nozzles, then drain. Quarter fill the tank again and add an alkaline detergent at 500 mL/100 L water and circulate through the system for at least 15 minutes. Drain, remove filters and nozzles

and clean separately. Rinse inside the tank thoroughly using a pressure hose and flush system with clean water.

### STORAGE

Store in closed original container in a cool dry well-ventilated area out of direct sunlight, away from foodstuffs, fertilisers or seeds. Stores containing quantities of 100 L or more of product require signage and secondary containment.

### SAFETY DATA SHEET

If additional hazard information is required, refer to the Safety Data Sheet. For a copy, visit our website at [www.syngenta.co.nz](http://www.syngenta.co.nz).

### DISCLAIMER

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability.

Distributed by Syngenta Crop Protection Limited, Level 4, 60 Parnell Road, Parnell, Auckland 1052.  
Phone number 0800 333 336.

**UN 3082**  
**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**  
**(MCPA, DIFLUFENICAN), MARINE POLLUTANT**  
**PACKING GROUP III, HAZCHEM 3Z**  
**CONTAIN SPILLAGE**



**In a transport emergency dial 111, Police or Fire Brigade.**  
**For specialist advice in an emergency only, call 0800 734 607 (24 hours).**

