

185 mm x 210mm

Keep out of reach of children
ECOTOXIC



Admire Ester 680

HERBICIDE

Selective herbicide for
broadleaf weed control in
pasture and turf.

ACTIVE INGREDIENT:

680g/litre 2,4-D present as 2,4-D ethylhexyl
ester in the form of an emulsifiable concentrate.

Net contents: 20 L



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PLEASE READ THE LABEL COMPLETELY BEFORE USE

HAZARD CLASSIFICATION

Acute oral toxicity Category 4, Skin sensitisation Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

TOXICITY DANGER: Causes organ damage from repeated oral exposure at high doses. Harmful if swallowed. May cause an allergic skin reaction.
ECOTOXICITY Very toxic to aquatic organisms and with long-lasting effects. Very toxic in the soil environment. Harmful to terrestrial vertebrates. Do not apply directly into or onto water. Application to drains, ditches and irrigation channels must only be made when these waterways are dry and at least one month is allowed to elapse before the channels are used to carry water.
Selective herbicide - very toxic to some plant species.
Beware - Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Ensure compliance with relevant regional air management plans.
To minimise the risk of damage from drift of this product, especially where susceptible vegetation is within 0.5km, use low drift nozzles which minimise the production of small droplets (less than 100 microns). Maintain a water rate of at least 30 litres/ha for aerial spraying. Do not add additional wetter unless specified on the label. Preferred wind conditions for spraying are a light constant breeze away from any sensitive crop. Vapour loss of the product could possibly occur under certain environmental conditions from a sprayed area (soil or vegetation) which has a temperature above 20°C. Avoid using it near sensitive crops on sunny days when the air temperature is forecast above 20°C or on overcast days when the air temperature is forecast to be over 25°C.
QUALIFIED HANDLER This product must be under the control of a suitably qualified handler when mixed, loaded or applied. This product must not be used for any purpose, or in any manner, contrary to this label unless authorised under appropriate legislation.
RECORD KEEPING Records of use as described in NZS 8409 Management of Agrichemicals must be kept if using 3L or more of TOWERSPRAY is applied to an application area within 24 hours.

HANDLING PRECAUTIONS
PERSONAL PROTECTION Avoid contact with skin or eyes and inhalation of spray mist. When handling wear eye protection, waterproof gloves, boots and overalls. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash contaminated clothing and protective equipment before re-use.
STORAGE Store in original container tightly closed and in a locked, dry, cool, well ventilated area away from foodstuffs, seeds, and fertilisers. Store in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing 100 litres or more of **Admire Ester 680** are subject to signage, require secondary containment, and an emergency response plans.
SHELF LIFE When stored appropriately this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.
SPILLS AND DISPOSAL Avoid contamination of any water supply with product or empty container. Contain 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.
Product- Dispose of product only by using according to the label, or at an appropriate landfill.
Container- Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

FIRST AID For advice, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor. If swallowed do NOT induce vomiting. Rinse mouth. Get medical advice if person feels unwell. If splashed in eyes, wash out immediately with running water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. If skin or hair contact occurs, remove contaminated clothing and wash affected area with soap and running water. If skin irritation rash occurs, get medical attention. If inhaled, immediately move to fresh air and rest. Begin artificial respiration if the victim is not breathing. Use mouth to nose rather than mouth to mouth.

SAFETY DATA SHEET Additional information is provided in the safety data sheet.

TRANSPORT Do not carry this product on a passenger service vehicle.

EMERGENCY RESPONSE In a TRANSPORT EMERGENCY call 111, Police or Fire Brigade.

EQUIPMENT Apply using well maintained and accurately calibrated equipment.

MIXING Pour the measured quantity of **Admire Ester 680** into the partially filled spray tank and with the agitator running, top up with the remainder of the water.

CLEANING Always wash tank and flush equipment thoroughly with clean water after use. Decontaminate before using on plants that are sensitive to 2,4-D.

DECONTAMINATION After thoroughly washing the tank and flushing the system with clean water, quarter fill the tank, add 500g of an alkali detergent and circulate throughout the system for 15 minutes. Drain the system. Remove filters and nozzles and clean them separately. Then flush the system with clean water and allow to drain.

COMPATIBILITY **Admire Ester 680** is compatible with many other agricultural chemicals including Dicamba and Clopyralid herbicides.

GENERAL COMMENTS

Admire Ester 680 is most effective when applied to actively growing seedling weeds. Established weeds, particularly perennial species, may not be well controlled. Do not apply to plants under stress from frost or drought. Buttercups and thistles are generally better controlled with MCPA 750. Some weeds (e.g. Californian thistle, bindweeds) require repeat applications.

APPLICATION TIMING: Autumn, early winter or early spring application is recommended for the best control of weeds. Cold temperatures and frosts limit plant growth and resultant weed control from applications during mid winter months may be unsatisfactory.

PASTURE (GRASS, CLOVER, PLANTAIN, CHICORY) MANAGEMENT: **Admire Ester 680** damages plantain, chicory and clover, especially red, subterranean and suckling clover. Damage is temporary and recovery of

perennial clovers usually occurs after several months.

To minimise clover damage graze pasture before spraying to remove clover leaf and expose weeds. Do not graze so hard that weed foliage is removed. Let pasture freshen for one week before spraying. Do not graze for two weeks after application to allow maximum uptake and translocation of the herbicide. Premature grazing may reduce weed control. Light rainfall 2 hours after application should not adversely affect results.

After spraying with **Admire Ester 680**, poisonous plants (e.g. ragwort, hemlock) may become more palatable and stock should be kept away until the plants have died down.

PLANT BACK PERIOD: 2,4-D has soil activity which may be exacerbated by dry soil conditions. To ensure that susceptible species (e.g. brassicas, grasses or clovers) are not damaged by 2,4-D soil residues, do not plant for 4 weeks after application.

APPLICATION: **Admire Ester 680** can be applied using conventional ground or aircraft spraying equipment.

Boom Spraying Use 100-300 litres of water/ha. For difficult to control perennial pasture weeds use 300-500 litres of water/ha to improve coverage.

CDA Spraying Pasture Weeds: Use 15-50 litres of water/ha. Droplet size must exceed 150 microns.

Aerial Spraying For pasture weeds apply with calibrated equipment in 30-60 litres of water/ha.

Spot Spraying For pasture weeds use a pressure of 600-800kPa through a No. 4 tip and apply as a fine misting spray. Complete coverage is essential. Use 500mL/100 litres of water. For a knapsack use 5mL/litre.

WEEDS CONTROLLED: **Admire Ester 680** controls or severely checks the following:
Alligator weed, allseed, apple of Peru, Australian flax, Australian sedge, bachelor's button, Bathurst bur, beggar's ticks, bitter cress, black nightshade, burdock, bur medick, buttercups, Californian poppy, Canadian fleabane, Cape tulip, castor oil plant, catsear, charlock, chicory, clovers, cornbind, cresses, cudweed, dandelion, dove's foot, fathen, field bindweed, field cress, foxglove, goat's rue, greater bindweed, groundsel, hawkbit, hawksbeard, hawkweed, hedge mustard, hemp nettle, hoary cress, horehound, marsh cress, Mexican devil, mint weed, monkey musk, mouse-ear chickweed, nettles, oxtongue, parsley dropwort, penny cress, pipiriri, plantains, poplars, poroporo, ragwort, red dead-nettle, redroot, rushes (leafless), selfheal, shepherd's purse, silver poplar, Spanish heath, storksbill, tansy, teasel, thistles (noddling, scotch, variegated, weltded, winged), twin cress, vetch, wart cress, wild carrot, wild mustard, wild parsnip, wild radish, wild turnip, willows, willow weed, wineberry.

WEEDS CONTROLLED AS SEEDLINGS ONLY: Cape weed, creeping mallow, cut-leaved geranium, daisies, docks, fennel, fumitory, inkweed, lupin, Onehunga weed, wild portulaca, spurrey, storksbill, tutu, viper's bugloss.

Admire Ester 680 DOES NOT CONTROL: Barberry, bracken, chamomile, chickweed, cleavers, grasses, hawthorn, hydrocotyle, stinking mayweed, oxalis, prostrate amaranth, parsley piert, pearlwort, sorrel, staggerweed, stonecrop, tutsan, and many semi-woody species after the seedling stage.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

DIRECTIONS FOR USE
Established pastures and waste areas: Apply 750ml – 3L/ha. Refer to the weeds controlled tables for guidance.

RESISTANCE WEED WARNING

GROUP	4	HERBICIDE
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Naturally occurring biotypes resistant to **Admire ester 680** and other GROUP 4 phenoxy herbicides are known to exist. These become more prevalent after many years of continuous use of the product. Species with known resistant biotypes include noddling thistle, giant buttercup and slender winged thistle. To prevent or delay the development of resistant weeds use **Admire ester 680** in tank mixes where appropriate, and/or in rotations with herbicides having a different mode of action against the weed. For information refer to resistance management strategies at www.resistance.nzpps.org/.

CONDITIONS OF SUPPLY
READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING.
IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.
This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer or registrants control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P10205
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, Approval Code HSR000962.
See www.epa.govt.nz for approval controls.

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Batch No.
Date of Manufacture

For more information, find us at www.agstar.co.nz

