

DANGER
KEEP OUT OF REACH OF CHILDREN
ECOTOXIC

Admire ester 680

HERBICIDE

ACTIVE INGREDIENT:

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

Selective herbicide for broadleaf weed control in pasture and turf

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.

IN A TRANSPORT EMERGENCY: CALL 111, POLICE OR FIRE BRIGADE



READ LABEL COMPLETELY BEFORE USE

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 (nodding, scotch, variegated, welted, 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 (grass, clover, chicory, plantain) and waste areas: Apply 750 mL – 3L/ha. Refer to the weeds controlled tables for guidance.

Thistles			
	Rate L/Ha	Stage	Notes
Nodding thistle	1.5	Seedlings	Root crowns less than 2cm diameter
	2.0-2.3	Rosettes	Root crown 2-4cm diameter, before flower stalk develops
Scotch thistle	0.75	Seedlings	
	1.5	Rosettes	

Variegated thistle	1.5	Seedlings	
	2.0-2.3	Rosettes	Less than 15cm diameter
Winged thistle	1.5	Seedlings	
	2.0-2.3	Rosettes	Prior to flower stalk developmentt

To improve control of large thistles, or phenoxy resistant thistles add RALID at 100 mL/ha. RALID will severely suppress clover growth and clovers may take 6-12 months to recover.

Other Broadleaf Weeds			
	Rate L/Ha	Stage	Notes
Annual buttercups, bur medick, catsear, cresses, dandelion, hedge mustard, hemlock, plantains, redroot	0.75	Seedlings	
	1.5	Small rosettes	
Charlock, wild radish, shepherd's purse, wild turnip	1.5	Seedlings	
	2.3-3.0	Small rosettes	
Apple of Peru, Bathurst bur, black nightshade, burdock, creeping mallow, docks, field bindweed, fireweed, fennel, foxglove, hoary cress, nettles, parsley dropwort,	2.0-3.0	Seedlings only	Docks: regrowth from root chips is not controlled. Vetch: spray at multiple leaf stage

storksbill, vetch, wild portulaca, wild carrot, willow weed			
Ragwort	2.0	Seedlings	Large rosettes or multicrowns require spot treatment with other herbicides.
	3.0	Small rosettes	

Woody and Non-Crop / Pasture Weeds		
	Rate	Notes
Willows	Aerial Spraying: 6L in 200-400 L water/ha	Apply in late spring to fully leafed trees. A second treatment may be required 12 months later.
	Gun Spraying: 350ml/100 L water	Apply in late spring to fully leafed trees. Ensure complete coverage.
	Stump swabbing or frilling: Use a 1:40 mixture of Admire ester 680 in diesel or waste oil.	Apply to cut or frilled surface immediately after cutting using a paint brush or knapsack.
Spanish heath	500 mL/100L wate	Apply to complete coverage during active spring growth.
Cape tulip, goat's rue seedlings, and leafless rushes	3-6 L/ha in 300-500 L water as an overall boom spray	Treat rushes with the high rate in spring.

Australian sedge	530 mL plus 100mL paraquat (25%) / 100L water	Spot spray in the April-November period. Ensure plants are completely wet with the inclusion of a suitable wetting agent.
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RESISTANCE MANAGEMENT

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 nodding 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.



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