

**RELEVANT LABEL PARTICULARS for
ACCENSI MCPA / DIFLUFENICAN 250 / 25 SELECTIVE HERBICIDE**

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| Signal heading | CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING |
| Product name | ACCENSI MCPA / DIFLUFENICAN 250 / 25 SELECTIVE HERBICIDE |
| Active constituent/s | 250 g/L MCPA present as the ethyl hexyl ester 25 g/L DIFLUFENICAN SOLVENTS: 311 g/L LIQUID HYDROCARBONS 150 g/L N-METHYL-2-PYRROLIDONE |
| Mode of action | GROUP F I HERBICIDE |
| Statement of claims | For the control of certain broadleaf weeds in winter cereals and clover as specified in the DIRECTIONS FOR USE table. |
| Net contents | 5-1000L |
| Name & address | Accensi Pty Ltd 60-76 Potassium Street, Narangba Qld 4504 Ph: (07) 3897 2000 |
| Directions for Use | DIRECTIONS FOR USE |
| Restrains | Restrains DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions. DO NOT apply to crops under stress due to disease or insect damage. DO NOT apply to frost-affected crops or if frosts are imminent. DO NOT apply when heavy rain is expected within 4 hours. |



RLP
Approved

Directions for Use

| CROP | WEEDS CONTROLLED | STAGE OF WEED GROWTH | STATE | RATE/HA | CRITICAL COMMENTS |
|--|--|---|-------------------|---------------|--|
| <p>CEREALS Wheat, barley, oats, triticale, cereal rye (including cereals undersown with clover)</p> | <p>Wild radish</p> | <p>Up to the 2 leaf stage and not more than 60 mm in diameter</p> | <p>WA only</p> | <p>250 mL</p> | <p>CROP STAGE Cereals Up to 750 mL (3 leaf to fully tillered stage – Z13 to 30) Over 750 mL (5 leaf to fully tillered stage – Z15 to 30) Optimum results are achieved when sprayed at 3 – 5 leaf crop stage (generally 4 – 8 weeks post sowing). WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15). Warning: Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide may cause transient crop yellowing of cereals. Some varieties of oats have not been tested. (Refer to “Crop Tolerance” section of General Instructions).</p> |
| | | <p>Up to the 4 leaf stage and not more than 120 mm in diameter</p> | <p>All states</p> | <p>500 mL</p> | |
| | | <p>Up to the 6 leaf stage and not more than 150 mm in diameter</p> | | <p>750 mL</p> | |
| | | <p>Up to the 8 leaf stage and not more than 180 mm in diameter</p> | | <p>1.0 L</p> | |
| <p>PASTURE Newly sown and established clover-based pasture, clover for hay and seed production.</p> | <p>Charlock, Hedge mustard, Indian hedge mustard, Shepherd's purse, Turnip weed, Wild turnip</p> | <p>Up to the 2 leaf stage and not more than 60 mm in diameter</p> | | <p>500 mL</p> | <p>Clover Application is recommended prior to the eighth trifoliolate leaf stage, however, applications prior to the third leaf may result in crop damage especially under stressed conditions and in sandy soils. DO NOT apply to Annual Medics or lucerne.</p> |
| | | <p>Up to the 4 leaf stage and not more than 120 mm in diameter</p> | | <p>750 mL</p> | |
| | | <p>Up to the 6 leaf stage and not more than 150 mm in diameter.</p> | | <p>1.0 L</p> | <p>Warning: Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide may cause transient crop yellowing of clover, and may affect growth and seed set of some varieties of clover. (Refer to Crop Tolerance” section of General Instructions).</p> <p style="text-align: center;">CONTINUED OVERLEAF</p> |

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| London rocket | Up to the 5 leaf stage and not more than 120 mm in diameter | Qld only | 750 mL |
| Ward's weed | | SA only | |
| Capeweed | Up to the 2 leaf stage and not more than 60 mm in diameter | All States | 500 mL |
| | Up to the 4 leaf stage and note more than 120 mm in diameter | | 1.0 L |
| Crassula | Up to the 2 leaf stage | | 500 mL |
| | Up to the 4 leaf stage | | 750 mL |
| Prickly lettuce | Up to the 2 leaf stage | | 500 mL |
| | Up to the 4 leaf stage | | 750 mL |
| | Up to the 6 leaf stage | | 1.0 L |
| Dense-flower fumitory | Up to the 2 leaf stage | | 750 mL |
| Corn gromwell, Saffron thistle, Toad rush | | NSW, Vic, SA only | 1.0 L |
| Deadnettle | | | |
| Sorrel | Up to the 2 leaf stage | Vic only | 1.0 L |

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| <p>WEED STAGE</p> <p>Apply when weeds are actively growing. In most situations the rate specified for each weed size will give satisfactory control.</p> <p>Under certain conditions such as:</p> <ul style="list-style-type: none"> • High crop and weed density • Late season germinations • Abnormal weed growth (including early flowering). Higher rates of product (up to the maximum rate of application specified for that weed) may be required. <p>Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide will not effectively control:</p> <ul style="list-style-type: none"> • Regrowth of suppressed weeds; • Transplanted weeds; • Regrowth from rhizomes or roots; • Weeds growing under stress from previous herbicide applications. | <p>GRAZING</p> <p>Efficacy on larger weeds will be improved by grazing with normal levels of stock after the 7 day withholding period. Refer to "Protection of Livestock" for grazing precautions.</p> |
| <p>APPLICATION</p> <p>Activity of this product will be reduced if weeds are stressed. Optimum results will be obtained if good soil moisture exists at and after application. Where crop or weed density is high, water volume should be increased.</p> | <p>CONTINUED OVERLEAF</p> |

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| | Canola (rape) | Up to the 4 leaf stage | All states | 500 mL |
| | Purple goosefoot | Up to the 6 leaf stage | Qld only | 500 mL |
| | Turnip weed, Wild turnip | Cotyledon to 2 leaf stage | NSW only (West of Newell Hwy.) SA only (Eyre peninsula north of the line between Venus Bay and Cowell). | 350 mL |
| <u>CEREALS</u> Wheat, oats, cereal rye | Fumitory | 2 – 6 leaf stage | All states | 500 mL + 200 mL terbutryn (500 g/L) |

WILD RADISH

Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide will provide residual control of Wild Radish for up to 4 weeks after application. Effective residual activity of this product may be reduced where:

- Rates lower than 1.0 L/ha are used;
- Dry conditions prevail;
- Poor coverage of the soil surface is achieved
- Crop is planted in non-wetting sand;
- Soils contain a high content of organic matter.

Optimum results will be obtained if good soil moisture exists at and after application.

CONTINUED OVERLEAF

| CEREAALS | | SUPPRESSION OF THE FOLLOWING WEEDS | | | CONTINUED FROM PREVIOUS PAGE |
|---|--|---|------------|--------|-------------------------------------|
| Wheat, Barley, Oats, Triticale, Cereal Rye (including cereals undersown with clover) | Saffron Thistle | Up to the 6 leaf stage | All States | 1.0 L | |
| | Chickweed, Fireweed, Hexham scent (King Island meiliot), Iceplant, Mouse-eared chickweed, Night- scented stock, Paterson's curse, Peppercress, Skeleton weed, Long storksbill, Volunteer lupins | Up to the 4 leaf stage | | | |
| PASTURE Newly sown and established clover based pasture, clover for hay and seed production | Wireweed (hogweed) | | | 750 mL | |
| | Common sowthistle (milk thistle), Cowvine, Docks, Doublegee (spiny emex), Fat hen, Horehound, Hyssop loosestrife, Marshmallow, Rough poppy, Scarlet Pimpernel, Stemless thistle, Tree hogweed, Variegated thistle, Vetch (tares). | Up to the 2 leaf stage | | 1.0 L | |
| | | | | | CONTINUED OVERLEAF |

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| <p><u>CEREALS</u> Wheat, Oats, Cereal Rye</p> | <p>Wild Radish</p> | <p>Up to the 4 leaf stage and not more than 120 mm in diameter</p> | <p>350 mL plus 200 mL MCPA LVE (500 g/L)</p> | <p>Refer also to all Critical Comments relating to weed stage, grazing, application and wild radish above.</p> <p>*Reduced efficacy (suppression only) may be achieved on wild radish larger than 8 leaf or greater than 180 mm in diameter.</p> <p>DO NOT use this tank-mix if cereals are undersown with lucerne or annual medics.</p> |
| | | <p>Up to the 6 leaf stage and not more than 150 mm in diameter</p> | <p>500 mL plus 200 mL MCPA LVE (500 g/L)</p> | <p>Crop Stage Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide 350 mL + MCPA LVE 200 mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).</p> |
| | | <p>Up to the 8 leaf stage and not more than 180 mm in diameter*</p> | <p>500 mL plus 400 mL MCPA LVE (500 g/L)</p> | <p>Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide + MCPA LVE 200 mL: Apply from 3 leaf to fully tillered (Zadok's Z13 to Z30).</p> <p>Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide 500 mL + MCPA LVE 400 mL: Apply from 5 leaf stage to fully tillered (Zadok's Z15 to Z30)</p> <p>Optimum results are achieved when sprayed at 3-5 leaf crop stage (generally 4-8 weeks post sowing).</p> <p>WA only: DO NOT apply to Barley or Kulin Wheat before the 5 leaf stage (Z15).</p> <p>Warning: Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide may cause transient crop yellowing of cereals. Some varieties of oats have not been tested. (Refer to "Crop Tolerance" section of "General Instructions")</p> <p>Observe instructions also on MCPA LVE product label.</p> |

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| "Not to be used..." | NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION. |
| Withholding Period/s | WITHHOLDING PERIODS CROP HARVEST: NOT REQUIRED WHEN USED AS DIRECTED. All crops: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION |
| General instructions | GENERAL INSTRUCTIONS Tolerance Some pre-emergence herbicides, such as atrazine, can cause stress to certain crops resulting in an increase in crop damage when using this product. Subterranean clover is particularly sensitive. Cereals After application some transient crop yellowing may occur. This usually appears as yellow or white banding on leaves. Provided the crop is not under stress from pre-emergent herbicide, root disease, insect damage, frost, dry or excessively moist conditions, the development of the crop and subsequent growth will be unaffected. <u>Warning (Oats)</u> The tolerance of oat varieties Esk and Nile (the two main varieties grown in Tasmania) to Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide has not been tested. Test a small area of crop before using Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide over large areas. Consult your local Accensi representative for advice on specific varieties. Pasture The tolerance of clover varieties to Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide can vary with rate of application, soil type, crop health, stage of growth and degree of moisture and temperature stress. <u>Warning</u> Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide may result in transient crop yellowing and suppression of growth with a resultant initial reduction in dry matter, particularly at rates in excess of 500 mL/ha and in areas of double spray. For this reason we recommend application prior to the 8 trifoliate leaf stage. However, at the lower rates (500 mL/ha and less) and under normal growing conditions, subsequent growth and seed yield should not be affected. Under normal growing conditions, the following varieties have shown acceptable levels of foliage tolerance to Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide applied at 500 mL/ha: Arrowleaf: Zulu Balansa: Paradana Berseem: Sacromonte Persian: Kyambro, Lupers, Maral White: Haifa Subterranean clover: Daliak, Dalkeith, Denmark, Esperance, Geraldton, Goulburn, Karridale, Larissa, Leura, Mt. Barker, Nungarin, Rosedale, Seaton Park, Trikkala and Woogenellup. The effects of Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide on clover seed yield have been tested on the following varieties. Under normal growing conditions they show acceptable levels of tolerance to Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide applied at 500 mL/ha: Subterranean clover: Esperance, Goulburn, Larissa, Seaton Park and Trikkala. |

Warning

Rose and Strawberry clover have shown increased sensitivity to Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide. Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide may affect the seed yield of subterranean clover variety Woogenellup.

Some pasture grasses, including Phalaris and Cocksfoot, may show some initial reduction in vegetative growth after application of Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide.

Care should be exercised if sensitive clover varieties or grasses are included in the pasture sward.

Varieties not listed should be tested before using Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide over large areas. Consult your Accensi representative for advice on specific varieties.

Subsequent Crops

To reduce effect on subsequent susceptible crops (e.g. canola), ensure thorough cultivation of soil prior to the sowing of these crops.

Mixing

To ensure even mixing, half fill the spray tank with clean water and add the required amount of product. Agitate thoroughly then add the remainder of the water. Agitate again before spraying commences. Reseal part-used product container immediately after use. Spray mixtures containing Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide should not be left to stand overnight. Prolonged periods of exposure to cold temperatures could result in settling out of the product in the mixture.

Warning

The rubber components present in some spraying units may be affected by exposure to the solvents in Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide and some other agricultural products. To reduce this risk it is recommended that the spray unit be thoroughly washed with a boom cleaner and fresh water after use. Contact the spray unit manufacturer to determine the suitability of the rubber components for use with agricultural products.

Application***Boom Sprayer***

A minimum of 50 L of water per hectare should be used, however, for optimum results water rates of 70 – 100 L/ha are recommended. Increase the water volume if weed infestation is heavy or crop cover is dense. Complete coverage of weeds is essential.

Aircraft (NSW, Vic, SA only)

Apply in a minimum of 30 L of water per hectare. Effective weed control will only be achieved where good coverage of leaf surface is achieved.

Compatibility

The following products are physically compatible with Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide as a two-way mixture in the spray tank but should only be used for the crops specified:

| Crop | Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide | Compatible Product |
|---|--|---|
| Wheat, triticale and cereal rye only | Up to 750 mL/ha | Hoegrass* (also barley), Tristar* Advance (1.5 L rate only), Wildcat* (wild oats only) |
| Cereals (including undersown) | All rates | Chlorpyrifos (500 g/L), dimethoate, Thiodan* |
| Cereals (not undersown) | Up to 500 mL/ha | Ally*, Glean*, MCPA LVE, Logran* |
| | All rates | Bromoxynil 200 g/L, 2,4-D Amine 500 Herbicide, Lontrel 50-D*, Cadence* (up to 115 g only,) Eclipse* |
| Wheat, barley, triticale, and cereal rye only (not undersown) | | Achieve* |
| Wheat only (not undersown) | | Topik* |
| Clover | Up to 750 mL/ha | Targa*, Fusilade* |
| Subterranean clover | | Simazine (500 g/L), Simazine (500 g/L) + Paraquat (200 g/L) mixture |
| | | Up to 1.0 L/ha |

When mixing with other herbicides, crop yellowing may be enhanced. When mixing with Hoegrass, Wildcat or Tristar Advance some reduction in the efficacy and speed of action of these products may occur. If the crop is stressed, the application of the herbicide tank-mixtures may cause yield reduction. Growers should seek advice before spraying recently released cereal varieties.

Use the recommended rates for both herbicides in the tank-mixture as well as the surfactant recommendation of the grass herbicide. If another herbicide is applied as a tank mix, observe the plantback restrictions on that label. DO NOT add surfactant when mixing Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide and Ally.

Simazine: Refer to the simazine label for correct application rates, especially with regard to soil types.

This product may be mixed in the spray tank with one of the following insecticides according to the directions for use on this product. Hallmark* 50EC, Dominex(100EC, Karate*, Decis Options* and Talstar*.

Warning

DO NOT use on crop oils with Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide or Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide tank mixtures with other products in cereals.

As formulations of other manufacturer's products are beyond the control of Accensi, all mixtures should be tested prior to mixing commercial quantities.

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| Resistance warning | <p>Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide is a member of the phenoxy and nicotinamide groups of herbicides and acts by inhibiting carotenoid biosynthesis and disrupting plant cell growth. For weed resistance management, Accensi MCPA / Diflufenican 250 / 25 Selective Herbicide is both a Group F and a Group I herbicide. Some naturally occurring weed biotypes resistant to the product and other Group F and I 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 the product or other Group F or Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Accensi Pty Ltd accepts not liability for any losses that may result from the failure of the product to control resistant weeds.</p> |
| Protections | <p>PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS</p> <p>DO NOT apply under weather conditions, or from spraying equipment that may cause drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.</p> <p>PROTECTION OF LIVESTOCK</p> <p>Grazing Precaution</p> <p>Sprayed weeds may become more palatable to stock and a higher intake of some weeds may result in stock poisoning and death from causes such as nitrate poisoning. Care should be taken especially where capeweed, Paterson's curse and variegated thistles predominate in the pasture. Avoid grazing with young or breeding stock. Do not graze horses or pigs on Paterson's curse. If in doubt, contact your nearest Department of Agriculture.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.</p> <p>*Other Trademarks.</p> |
| Storage & disposal | <p>STORAGE AND DISPOSAL</p> <p>Store in the closed, original container in a dry, cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, triple rinse, break, crush or puncture and deliver empty packaging or appropriate disposal at an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. Empty containers and product must not be burnt.</p> <p>For Refillable Containers</p> <p>Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.</p> |
| Safety Directions | <p>SAFETY DIRECTIONS</p> <p>Harmful if swallowed. Will damage the eyes. Will irritate the skin. Avoid contact with eyes and skin. DO NOT inhale vapour. When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow length PVC gloves and face shield or goggles. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands arms and face thoroughly with soap and water. After each day's use wash gloves, face shield or goggles and contaminated clothing.</p> |

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| First Aid | FIRST AID If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia 13 11 26). If swallowed, DO NOT induce vomiting. Give a glass of water. If in eyes, wash out immediately with water. |
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| D.O.M. Batch no. |
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The following is for APVMA use only:

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| APVMA approval no. | APVMA No: 68331 / 58131 |
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