



POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Nufarm
Flight[®] EC
Herbicide

ACTIVE CONSTITUENT: 35 g/L PICOLINAFEN
210 g/L BROMOXYNIL PRESENT AS THE N-OCTANOYL ESTER
350 g/L MCPA PRESENT AS THE ETHYL HEXYL ESTER

GROUP **C F I** HERBICIDE

For the control of certain broadleaved weeds including wild radish with developing Group I and/or F herbicide resistance in winter cereals as indicated in the Directions for Use table.

READ COMPLETE DIRECTIONS FOR USE BEFORE USING THIS PRODUCT.

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APVMA Approval No.: 65242/50503

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply to crops that are stressed through disease, insect damage, frost, nutrient deficiencies, other herbicide use, excessively moist or dry conditions, or inappropriate soil type.

DO NOT apply to weeds that are stressed due to dry conditions, prior herbicide application, etc.

DO NOT apply if rain is expected within four hours.

| CROP | WEEDS | WEED STAGE | RATE | CRITICAL COMMENTS |
|--|---|---|----------|---|
| Wheat, Barley, Oats, Triticale, Cereal rye (including undersown with clover) | Wild radish (<i>Raphanus raphanistrum</i>) | Up to the 4 leaf stage and not more than 12cm in diameter | 360mL/ha | Apply to actively growing weeds, free from stress. See "Restrains". |
| | | Up to the 6 leaf stage and not more than 15cm in diameter | 540mL/ha | Apply to crops from the 3 leaf stage (Z13) but prior to late tillering (Z28). The maximum 720mL/ha rate is safe to use on crops at the 3 leaf stage but FLIGHT EC may cause transient yellowing of cereals, with oats being potentially most sensitive. |
| | | Up to the 8 leaf stage and not more than 18cm in diameter | 720mL/ha | |
| | Charlock (<i>Sinapis arvensis</i>), Hedge mustard (<i>Sisymbrium officinale</i>), Indian hedge mustard (<i>Sisymbrium orientale</i>), Mustard (<i>Sisymbrium</i> spp.), Prickly lettuce (<i>Lactuca serriola</i>), Shepherd's purse (<i>Capsella bursa-pastoris</i>), Turnip weed (<i>Rapistrum rugosum</i>), Wild turnip (<i>Brassica tournefortii</i>) | Up to the 2 leaf stage and not more than 6cm in diameter.* | 360mL/ha | Residual control can be impaired by dry soil conditions and by inadequate soil surface coverage. Good soil moisture before and after application will assist performance. Good spray coverage of weeds is essential. Spray before crop canopy begins to close. Increase spray volume when weed or crop density is high. Transplanted weeds will not be adequately controlled. FLIGHT EC will provide better control than PARAGON of wild radish populations with developing resistance to Groups I and/or F. Rates of 540-720mL/ha are recommended for more robust control and to maximize the reduction in seed return to the soil bank. Due to the wide variability in resistance levels in wild radish populations in WA absolute control cannot be guaranteed. |
| | | Up to the 4 leaf stage and not more than 12cm in diameter.* | 540mL/ha | |
| | | Up to the 8 leaf stage and not more than 15cm in diameter.* | 720mL/ha | |
| | Capeweed (<i>Arctotheca calendula</i>) | Up to the 2 leaf stage and not more than 6cm in diameter. | 360mL/ha | |
| | | Up to the 4 leaf stage and not more than 12cm in diameter. | 720mL/ha | |
| | Canola (<i>Brassica napus</i>) | Up to the 4 leaf stage. | 360mL/ha | * Weed diameter does not apply to prickly lettuce. |
| | Crassula (<i>Crassula</i> spp.) | Up to the 2 leaf stage. | 360mL/ha | ** Suppression only. These species are not consistently controlled by FLIGHT EC Herbicide, but are |

| CROP | WEEDS | WEED STAGE | RATE | CRITICAL COMMENTS |
|--|---|-------------------------|----------|---------------------------------|
| | | Up to the 4 leaf stage. | 540mL/ha | usually significantly affected. |
| Wheat, Barley, Oats, Triticale, Cereal rye (including undersown with clover) | Corn gromwell (<i>Buglossoides arvensis</i>), Saffron thistle (<i>Carthamus lanatus</i>), Toad rush (<i>Juncus bufonius</i>) | Up to the 2 leaf stage. | 720mL/ha | Same as previous |
| | Dense-flower fumitory (<i>Fumaria densiflora</i>) | Up to the 2 leaf stage | 540mL/ha | |
| | Common sowthistle** (<i>Sonchus oleraceus</i>), Doublegee** (<i>Emex australis</i>) | Up to the 2 leaf stage | 720mL/ha | |
| | Deadnettle** (<i>Lamium amplexicaule</i>), Fumitory** (<i>Fumaria</i> spp.), Volunteer lupins** (<i>Lupinus angustifolius</i>) | Up to the 4 leaf stage | | |

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION.

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

Nufarm FLIGHT EC Herbicide is a post-emergence, foliar-absorbed product with short soil residual activity. Under favourable conditions, this pre-emergence activity will provide some control of subsequently germinating weed seedlings.

Warning Statements and General Safety Precautions

DO NOT use an open mixing and loading system when preparing spray for fixed wing aerial application.

MIXING

Half fill the spray tank with clean water. Commence agitation and add the required amount of product to the tank. Maintain agitation whilst filling the tank and throughout the spraying operation.

APPLICATION

Ground application: Apply with flat fan nozzles in a spray volume of 50-150L of water per hectare using standard boom spraying equipment.

Application as a COARSE spray quality (defined by ASAE S572 Standard) using air induction nozzles such as AirMix or similar is suitable provided water volumes of 75-150L of water per hectare are used. In advanced or dense weed infestations and/or dense crop canopies, increase the water volume to ensure adequate coverage.

Aerial application: Apply in a minimum 30L of water per hectare using nozzles and setup that produce a COARSE spray quality. Good coverage of weeds is essential. Weed control from aerial application may not be as good as from ground application.

COMPATIBILITY

Nufarm FLIGHT EC Herbicide is physically compatible with Associate® (Ally*), Bromicide 200, Fastac® Duo, Lusta® (Glean*), Nugrass® (Hoegrass*), Nugran® (Logran*), Archer® (Lontrel*), L.V.E. MCPA, Rogor*, Topik*, Tristar* and Wildcat*. DO NOT add spraying oil to FLIGHT EC or FLIGHT EC tank mixes. As water quality can influence compatibility, it is recommended that mixtures should be bottle-tested in the water intended for spraying, prior to mixing commercial quantities.

CROP SAFETY

Following application, some transient bleaching (yellow spotting and/or mottling) of cereal foliage may occur especially with higher rates on young crops. This bleaching is confined to leaves present at application. The development of the crop and subsequent new growth is unaffected in crops growing free of stress. Symptoms will be more pronounced and persistent in crops that are growing under stress (see Restraints).

Avoid swath overlapping.

SPRAYER CLEANUP

Following use, the sprayer should be cleaned before spraying sensitive broadleaf crops. Empty the tank completely and drain the whole system. Quarter fill the tank with clean water directing stream onto inside of tank. Circulate through the pump, the hoses and nozzles then drain. Repeat if necessary. Finally remove and clean all filters (tank, in-line and nozzle) separately. This will provide an effective cleaning technique for FLIGHT EC. A boom cleaner may be used as part of the procedure. If FLIGHT EC has been tank mixed with another product which requires more thorough decontamination follow the method recommended on the partner product label.

RESISTANT WEEDS WARNING

| | | | | |
|-------|----------|----------|----------|-----------|
| GROUP | C | F | I | HERBICIDE |
|-------|----------|----------|----------|-----------|

Nufarm FLIGHT EC Herbicide ("FLIGHT EC") is a member of the nitriles, aryloxyacolinamide and phenoxy groups of herbicides and acts by inhibiting photosynthesis at photosystem II, carotenoid biosynthesis and disruption of plant cell growth. For weed resistance management FLIGHT EC is a Group C, Group F and a Group I herbicide. Some naturally occurring weed biotypes resistant to this product and other Group C and/or Group F and/or Group 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 this product or other Group C and/or Group F and/or Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

PRECAUTION

Human flaggers must be protected by engineering controls such as vehicles with enclosed cabs.

RE-ENTRY PERIOD

Do not enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

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 and pastures. Canola, cotton, tobacco, grapevines, lupins, fruit trees, ornamentals, tomatoes and other vegetables are especially susceptible to spray drift and vapour movement.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

Toxic to algae.

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

DO NOT apply by ground application to portions of fields within 20m upwind of sensitive water bodies.

DO NOT apply by aerial application to portions of fields within 250m upwind of sensitive wetlands or water bodies.

DO NOT apply under meteorological conditions or from spray equipment that will cause spray drift onto non-target native vegetation or adjacent areas, and in particular avoid any natural wetland or standing water body.

DO NOT allow run-off within two days of application - avoid application to waterlogged soil, over-irrigation or use when heavy rains are forecast.

STORAGE AND DISPOSAL**5L, 20L**

Store in the closed, original container in a 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, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

110L

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.

Empty container by pumping through the dry-break Micro Matic connection system. DO NOT attempt to unscrew the Micro Matic valve or breach the locked filling point. DO NOT contaminate the container with water or other foreign material. Ensure that the Micro Matic coupler, pump, meter and hoses are disconnected, triple rinsed with clean water and drained after each use. When empty, or contents no longer required, return the container to the point of purchase. DO NOT dispose of undiluted chemicals on-site. This container remains the property of Nufarm Australia Limited.

Bulk packs

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage. DO NOT dispose of undiluted chemicals on-site. This container remains the property of Nufarm Australia Limited.

SAFETY DIRECTIONS**HAZARDS**

Product is poisonous if inhaled or swallowed. Will damage the eyes. Will irritate the skin. Repeated exposure may cause allergic disorders.

PRECAUTIONS

Avoid contact with eyes and skin. DO NOT inhale spray mist.

MIXING OR USING

When opening the container, mixing and loading and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat and elbow length chemical resistant gloves and goggles and half facepiece respirator with combined dust and gas cartridge. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water

AFTER USE

Wash hands after use. After each day's use wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone: Australia 13 11 26).

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS) which can be obtained from your supplier or from the Nufarm website – www.nufarm.com.au

In case of emergency: Phone 1800 033 498 Ask for shift supervisor. Toll free 24 hours.

CONDITIONS OF SALE:

"Any provisions or rights under the Trade Practices Act 1974 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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