

desire

A Suspo-Emulsion (SE) formulation containing Fluroxypyr 100 g/L and Florasulam 2,5 g/L. A post-emergence herbicide for use on grass seed crops, newly sown leys and established grassland for the control of daisy, dandelion, buttercup and other broad-leaved weeds.

5L

**FOR USE ONLY AS AN AGRICULTURAL HERBICIDE
FOR PROFESSIONAL USE ONLY**

SAFETY INFORMATION



DANGER

Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness
Very toxic to aquatic life with long lasting effects

Wear protective gloves / protective clothing / eye protection.

IF ON SKIN: Wash with soap and water.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

Do NOT induce vomiting.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

Do not contaminate water with the product or its container. (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

To avoid risks to human health and the environment, comply with the instructions for use.

PCS No: 06631

Safety precautions

If exposed or if you feel unwell seek medical advice immediately (show the label where possible).

No specific antidote is available. Treat symptomatically.

In case of accident, call the 24-hour National Poisons Information Centre:

Tel.: +353 (0)1 809 2566 or +353 (0) 1 837 9964.

Approval holder:

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Sharda Cropchem



Operator protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
Wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate.
Wear suitable protective gloves when handling contaminated surfaces.
Wear suitable protective clothing (coveralls) and suitable protective gloves when applying by hand-held equipment.
DO NOT BREATHE SPRAY.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
WASH CONCENTRATE from skin and eyes immediately.
WASH HANDS AND EXPOSED SKIN before eating and drinking, and after work.

Environmental protection

DO NOT CONTAMINATE WATER with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from yards and roads.
Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.
To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies
Livestock must be kept out of treated areas. IF RAGWORT IS PRESENT, FOLLOW THE GUIDANCE IN THE 'DIRECTIONS FOR USE'.

Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place.
RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.
DO NOT RE-USE CONTAINER for any purpose.

General information and general recommendations

DESIRE herbicide has activity against a range of broad-leaved weeds. The ideal timing for application is when the weeds are small and actively growing.
Broad-leaved weeds not present at application will not be controlled. Do not spray when grass is wet. Do not apply if night temperatures are low, if ground frost is imminent, or in periods of prolonged cold or dry weather. Ensure weeds are actively growing as after periods of prolonged drought, weeds can take a long time to start actively growing again after soil moisture returns.
Take extreme care to avoid drift onto crops and non-target plants outside the target area.
Do not apply directly to, or allow spray drift to come into contact with agricultural or horticultural crops, amenity plantings or gardens, ponds, lakes or water courses.

Following crops

An interval of four weeks must elapse between application of DESIRE and re-seeding grass.
Crops that can be sown in the year of treatment with DESIRE: Cereals, oilseed rape1, field beans, vegetable brassicas as transplants, grass. 1Vigour reductions may be seen in following crops of oilseed rape after a dry summer. This will be outgrown and will not result in yield loss.
Crops that can be sown the calendar year following treatment with DESIRE: Cereals, oilseed rape, field beans, carrots, vegetable brassicas as

transplants, grass, linseed, peas, sugar beet, potatoes, maize, clover (for use in grass/clover mixtures).

Instructions for use

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL HERBICIDE				
Crop	Max. single dose	Max. no. of applications	Max. total dose	Latest time of application
Grassland (established)	2 L/ha	1 per year	2 L/ha	7 days before harvest
Grassland (newly sown leys & seed crops)	1.5 L/ha	1 per year	1.5 L/ha	7 days before harvest

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

Restrictions: Livestock must be kept out of treated areas for at least 7 days following treatment. If ragwort is present, the guidance in the 'DIRECTIONS FOR USE' must be followed. Ragwort plants sprayed with this herbicide are more palatable and contain higher levels of toxins. Animals should be excluded from treated areas until any ragwort has completely recovered or died and there is no visible sign of the dead weed. Do not include treated ragwort in hay or silage crops.

Grassland use notes: Weeds must be actively growing to ensure good weed control. Do not roll or harrow grass for 10 days before or 7 days after application. To allow maximum translocation do not cut grass for 4 weeks after application. Do not spray in drought, very hot or very cold weather. Take extreme care to avoid drift onto crops and non-target plants outside the target area.
Do not apply directly to, or allow spray drift to come into contact with agricultural or horticultural crops, amenity plantings or gardens, ponds, lakes or water courses. Wash out spray equipment thoroughly (see tank cleaning instructions). Traces of DESIRE could cause harm to susceptible crops sprayed later. Do not apply to crops under stress; stress can be caused by many factors including frost, drought, waterlogging, trace element deficiency, disease and pest attack etc. Do not spray grassland where clover or other legumes are a valuable constituent of the sward.
Clover will be killed or severely checked by DESIRE.

Important information: SHAKE WELL BEFORE USE. PROTECT FROM FROST.

Application timing: Application timing is crucial for good control. Applications must be made to weeds that are actively growing before and immediately after application. If the grass (and hence the weeds) has been cut or grazed, leave for 2 to 3 weeks to allow sufficient re-growth to occur before spraying. It is important that there is sufficient leaf area for the uptake of the herbicide.

Newly sown leys and grass grown for seed: DESIRE can be applied to newly sown leys at a dose rate of 1.0-1.5 L/ha between 1st February and 30th November. DESIRE can be applied to grass grown for seed at a dose rate of 1.0-1.5 L/ha between 1st March and 30th November. Ensure grass has become established before spraying. Grass sown in the spring or summer may be ready for spraying after about 2 months, but grass sown in late summer or autumn should not be sprayed until growth is resumed in the following spring, perhaps eight months after sowing.

Established grassland: DESIRE can be applied to established grassland at a dose rate of 2.0 L/ha between 1st February and 30th November.

Method of application: Tractor mounted/trailed horizontal boom sprayer. DESIRE may be applied through tractor-mounted hydraulic sprayers providing they are in good working order and have been calibrated according to the manufacturers' recommendations. Do not apply through CDA applicators.
Apply DESIRE in 200 - 400 litres of water per hectare. Use the higher water volume where weeds are large at the time of application and where the grass is dense.

Mixing: Half fill the spray tank with water and add the required amount of DESIRE. Fill up the spray tank, agitating continuously to ensure thorough mixing, and maintain agitation until spraying is complete. Use only clean water for mixing.

Spray quality: Apply DESIRE as a MEDIUM spray as defined by the BCPC system.

Tank cleaning: To avoid subsequent injury to crops other than managed amenity turf, domestic lawns and amenity grassland, all spraying equipment must be thoroughly cleaned both inside and out, using All Clear Extra spray cleaner as follows:

1. Immediately after spraying, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. Rinse inside of tank with clean water and flush through booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water and add All Clear Extra at the recommended rate. Agitate and then briefly flush the booms and hoses with the cleaning solution. Top up with water making sure the tank is completely full and allow to stand for 15 minutes with agitation. Flush the booms and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with All Clear Extra solution containing 50 ml of All Clear Extra per 10 litres of water.
5. Rinse the tank with clean water and flush through the booms and hoses using at least one tenth of the spray tank volume. Drain tank completely.
6. For disposal of washings, follow The Code of Practice for Using Plant Protection Products. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note: If it is not possible to drain the tank completely, step 3 must be repeated before going onto step 4.

Resistance

DESIRE contains active ingredients with differing modes of action and the risk of resistance building is therefore reduced. However, as florasulam is an ALS inhibitor there is a risk of resistance building to this active ingredient and so precautions should be taken to minimise the risk. Therefore, avoid using single action mode of action herbicides, such as ALS inhibitors in the same field over a number of years. Users are advised to apply products containing herbicides with different modes of action or use sequences or tank mixtures where two or more components are active against the target weeds.

Specific weeds controlled

Established grassland

DESIRE has been tested for selectivity on the following range of turf grass species

Weed	Rate L product/ha
Common daisy Common dandelion Common mouse-ear Creeping buttercup	2.0

2.0

Newly sown leys and grass grown for seed

One application of DESIRE will control susceptible emerged weeds at the following rates:

Weed	Rate L/ha	Size Controlled
Cleavers*	1.5	Flowering
Mayweed species	1.5	200 mm
Common poppy (MS)	1.5	4 true leaves
Charlock	1.5	200 mm
Shepherds purse	1.5	4 true leaves
Volunteer Oilseed rape (MS)	1.5	6 true leaves
Common chickweed	1.0	Flowering
Forget me not	1.0	4 true leaves
Knotgrass	1.0	4 true leaves

* Cleavers which germinate after application will not be controlled.