Page 1

SAFETY PRECAUTIONS Operator protection:

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

- · Operators must wear suitable protective clothing (coveralls), suitable protective gloves and face protection (faceshield) when handling the concentrate.
- Operators must wear suitable protective gloves when handling contaminated surfaces. DO NOT BREATHE SPRAY.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before eating and drinking or smoking and after work.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

Environmental protection:

Do not contaminate water with the product or its container. Do not clear application equipment near surface water. Avoid contam from yards and roads.

Extreme care must be taken to avoid spray drift onto non-cro, of the target area.

To protect aquatic organisms respect an unsprand buffer zone of surface water bodies.

Livestock must be kept out of treated areas. I RAGWORT I: PRESENT, FOLLOW THE GUIDANCE IN THE 'DIREC' ONS FU 'USE'.

Storage and disposal: KEEP OUT OF REACH OF CHILDER

KEEP AWAY FROM FOOD, DRINK AN A MAL FEET NGSTUFFS.

KEEP IN ORIGINAL CONTA — "nhtly "sed, in safe place.

WASH OUT CONTAINED" HOROU "ILY, en " ashings into spray tank and disnose of safely. dispose of safely.

DO NOT RE-USÉ CONTA FR any purpose.





Trace rks Dow AgroSciences, DuPont oneer, of their suitated companies or their espectra, owners. © 2019 CORTEVA

An ulsifiable concentrate contains 144 gr., if proxypyr-meptyl (100 g/litre acid equivalent), 80 g/litre clopyralid and 2.5 grifter florasulam.

post-emergence her, lide for use in G. SLAND, GRASS FOR SEED, MAIZE, WINTER AND SPRING W. AT, B. LEY, ND OATS, WINTER and SPRING RYE, WINTER TRITICALE and During M. Ley. for the control of broad-leaved weeds.

PROFESSION L US JNLY

READ DIRECTIONS FOR OUL ON ATTACHED LEAFLET SHAKE PEFORE USE PROT ST FROST.

Triple Rinse Continers, Puncture And Invert To Dry At Time Of Use

Whelenan Crop Protection Suite 12 Bunkilla Plaza,

Bracetown Business Park. +353 1 83 422 33

Approval Holder:

Dow AgroSciences Limited CPC2 Capital Park, Fulbourn, Cambridge, CB21 5XE. Telephone: +44 (0) 1462 457272 Fax: +44 (0) 1462 426605 24 Hour Emergency Telephone Number: +353(0) 76 680 5288 Technical Hotline: 0800 689 8899, e-mail:ukhotline@corteva.com

NET CONTENTS : 5 LITRES (

IMPORTANT INFORMATION. FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Grassland (established), Grassland

(newly sown), Grassland (seed), Forage maize, Winter and

Spring Wheat, Winter and Spring barley, Winter and Spring Oats, Winter and Spring Rye, Winter Triticale and Durum Wheat

Maximum Number of

Full details are given in the Important

Information area on the attached leaflet Latest Timing of Application:

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.

Product Identifier according to Art.18 of Reg. (EC) No 1272/2008 [CLP]: Swardsure; Hydrocarbons, C10-C13, aromatics, <1% naphthalene

Applications:

Very toxic to aquatic life with long lasting May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

Causes serious eye irritation.

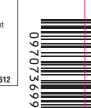
Wear protective gloves/protective clothing/eye protection/face IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove 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.

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







IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL HERBICIDE

I ON OOL ONL! AS A !	THUI ESSIBINAL HENE	DIGIDL	
Situation	Maximum Individual Dose	Maximum Number of Applications	Latest Time of Application
Grassland (established)	2.0 L/ha	One per year (See other Specific Restrictions 1, 2 & 5)	End of September and 7 days prior harvest
Grassland (Newly sown)	1.0 L/ha	One per year (See other Specific Restrictions 1, 2 & 5)	End of August and 7 days prior harvest
Grassland (seed)	1.0 L/ha	One per year (See other Specific Restrictions 1, 2 & 5)	End of September and 7 days prior harvest
Forage maize	1.0 L/ha	One per year (See other Specific Restrictions 4 & 5)	Before 31st May and GS 17
Winter & spring wheat, winter & spring barley, winter rye, triticale	1.0 L/ha	One per year (See other Specific Restrictions 3 & 6)	Before flag leaf detectable stag (before GS 39)
Winter oats, spring oats, spring rye	1.0 L/ha	One per year (See other Specific Restrictions 3 & 6)	Before second node detectable stag (before GS 32)
Other specific restrictions	:		

- (1) Livestock must be kept out of treated areas for at least 7 days following treatment. IF RAGWORT IS PRESENT, FOLLOW THE
- GUIDANCE IN THE 'DIRECTIONS FOR USE' (2) Application to any grass crop must not be made before February 1st
- (3) Application to cereal crop must be made between February 1st and June 30th
- (4) To protect surface water, application to forage maize must not take place before 10th April
- (5) Following treatment with SWARDSURE a period of at least 125 days must be observed prior to the planting of succeeding crops.
- (6) For autumn planted crops a maximum total dose of 3.75 g of florasulam must be observed for applications made between crop emergenc
- in the year of planting and February 1st in the year of harvest. The total amount of florasulam applied to a cereal crop must not exceed 7.5gs. 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 protections products.

\$Applicable to approved florasulam containing formulations that may be applied in autumn followed by SWARDSURE application to cereals from 1st February.

GENERAL INFORMATION

SWARDSURE 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 use any plant material treated with SWARDSURE for composting or mulching.

Do not apply if night temperatures are low, if ground frost is imminent, or in periods of prolonged cold or dry weather. Foure weeds are actively growing as after periods of prolonged drought, weeds can take a long time to start actively growing sain after soil moisture returns.

Do not apply to crops under stress; stress can be caused by many factors including frost, drought, waterlog disease and pest attack etc.

Take extreme care to avoid drift onto crops and non-target plants, e.g. trees, shrubs, bedding, outs the way. Do not apply directly to, or allow spray drift to come into contact with agricultural or hor ultural colors, amenity plantings or gardens, nonds, lakes or water courses

Wash out spray equipment thoroughly (see tank cleaning instructions). Traces of sprayed later.

GRASSLAND USE NOTES

Grass and weeds must be actively growing to ensure good weed control and mir 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 ap-

Do not spray in drought, very hot or very cold weather.

Clover will be killed or severely checked by SWARDSURE.

Do not spray grassland where clover or other legumes are a value Do not use manure from animals fed on crops treated y

Grazing Interval

Where ragwort is present users should consult the C. le of Practice in How to Prevent the Spread of Ragw with this herbicide are more palatable and cor in high, levels of toy is. Animals should be excluded from treated areas until any ragwort has completely recovered or died and the list no visible and feed add weed. Do not include to led ragwort in hay or silage crops. Livestock must be kept out of treated and so for at less to allowing treatment. IF RAGI ORT IS IN ESENT, FOLLOW THE GUIDANCE IN THE 'DIRECTIONS FOR USE.

CEREAL USE NOTES

Avoid overlapping spray bout Do not use any plant mater streated van SWARD URE for composting

Do not use manure from anim. The on crops treated with SWARDS RE for composting

Do not spray when are unustress from cold, drought, pest denage, nutrient deficiency etc.

Do not roll or har Jw 7 days before after application. Take extreme ca to average into crops and non-target lants cosi

FOLLOWING CROper (after Forz a Maize)

Stubble left in the field after by vest of maize sprought SWAP SUP analy contain residues which could damage certain crops. Do not plant winter beans more same year as treatment with SWAP SY JE.

Straw from cereals sprayed with SWARDSURE in y contain side, which could damage certain crops. To avoid such risk bale and cart away the straw. Where straw is chopped a fince, rated do t plant winter beans in the same year as treatment with SWARDSURE.

SWARDSURE residues in plant tissure (incl. ing. note and digestate) which have not completely decayed may affect succeeding susceptible crops. If treated crop remains have not fully usually by the time of planting following crops then avoid planting: peas, beans and other legumes; carrots and other umbellife; potatoes; lettuce and other compositae; glasshouse and protected crops.

At least 125 days must elapse before planting you he crops listed below whether after normal harvest or after crop failure.

Crops that can be sown in the same year as a preated with SWARDSURE is harvested: Cereals, oilseed rape¹, grass and vegetable

brassicas as transplants

Vigour 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 in the calendar year following treatment with SWARDSURE: Cereals, oilseed rape, field beans, grass, linseed, peas, sugar beet, potatoes, maize, clover (for use in grass/clover mixtures), carrots and vegetable brassicas as transplants

JOINT APPLICATION (CEREAL USE)

A joint application is the use of a product in tank mixture or sequence with another product.

a further application of SWARDSURE or another product containing florasulam may also be made providing the maximum total dose of florasulam is not exceeded.

Only one other product with an ALS inhibitor mode of action may be applied to a cereal crop treated with SWARDSURE.

SWARDSURE may be applied in joint application to the same cereal crop with one of the following ALS products:

- 1			
	Ally Max SX	Harmony M SX	
	Biplay SX	Lorate	
	Boxer*	Presite SX	
	Broadway Star*	Quantum	
	Calibre SX	Spitfire	
	Choir	Starane XL	
	Finish SX	Thor	

Firthe maximum total dose of florasulam applied to the crop must not exceed 7.5 g. For autumn planted crops a maximum total dose of 3.75 g of florasulam, must be observed for applications made between crop emergence in the year of planting and February 1st in the vear of harvest.

Apart from these specific joint applications SWARDSURE must NOT be applied with any other product containing an ALS inhibitor, for example amidosulfuron

CROP FAILURE

In the event of a crop failure in the spring with SWARDSURE only the following crops may be planted: spring wheat, spring barley, spring oats, maize or ryegrass.

RESISTANCE SWARDSURE contains three different active substabces (fluroxypyr, florasulam and clopyralid) and therefore the risk of resistance building is reduced. Fluroxypyr and clopyralid are pyridine carboxylic acids (Group 0, HRAC classification) and florasulam belongs to the triazolopyrimidine (Group B, HRAC classification). There is no identified resistance to fluroxypyr and clopyralid but populations of Stellaria media. Papaver rhoes and Matricaria spp. have been found to be resistant to Group B herbicide.

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 mode of action herbicides, such as ALS herbicides in the same field over a number of years. Growers 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.

ESTABLISHED GRASSLAND, NEW SOWN LEYS, GRASS FOR SEED and FORAGE MAIZE

SWARDSURE can be applied to established grassland, new sown leys, grass for seed and forage maize.

Established grassland

RATES OF USE, WEED SUSCEPTIBILITY AND MAXIMUM SIZE CONTROLLED

SWARDSURE may be applied to established grassland at a maximum dose of 2.0 L/ha from 1st February to 30th September (see table below). 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.

Apply SWARDSURE 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

IMPORTANT NOTE: Joint applications should only be made within the label recommendations of every product in the application. However Do not spray grassland where clover or other legumes are a valuable constituent of the sward.

Weed	Size Controlled	Dose rate (L/Ha)
Common Daisy	Rosette	1.5
Dandelion	Rosette	1.5
Creeping Butter cup	Rosette	2.0
Great Plantain	Rosette	2.0
Dibwort Dlantain	Docatto	2.0

New Sown leys and grass for seed

SWARDSURE may be applied to grass seed crops at 1.0 I/ha from the 3 true leaf stage of the crop. Applications must be made between 1st February and 30th September

SWARDSURE may be applied at 1.0 litres/ha to grass less than one year old between 1st February and 31st August. 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 owing. Apply SWARDSURE in 200 – 400 litres of water per hectare.

Weed	Maximum weed size controlled
Cleavers*	1 true leaf
Creeping thistle (from seed)	1 true leaf (moderately susceptible)
Scented mayweed	1 true leaf
Scentless mayweed	1 true leaf
Volunteer oilseed rape	1 true leaf
Wild radish (Runch)	1 true leaf

Cleavers which germinate after application will not be controlled

SWARDSURE may be applied when maize is between the 3-6 leaf stage and before the crop is over 20 cm tall. Do not apply once the buttress roots (side roots) have started to develop on the first node

SWARDSURE may be applied to forage maize at a maximum dose rate of dose rate of 1.0 L/ha. One application of 1.0 L/ha of SWARDSURE will control all susceptible emerged weeds. For optimum performance it is important to check the size of weeds before application. Apply SWARDSURE in 200 – 400 litres water per hectare.

CEREALS CROPS

and spring oats, winter rye and winter triticale.

SWARDSURE can be safely applied to crops intended for seed production.

SWARDSURE should not be applied to crops undersown with ryegrass or clover.

SWARDSURE may be used on all soil types.

APPLICATION TIMING

Winter wheat, winter barley, winter rye, winter triticale, spring wheat, spring barley, durum wheat

SWARDSURE should be applied in the spring (from 1st February) once the crop has reached 3 leaves (GS 13), and before flag leaf

Winter oats, spring oats, spring rye SWARDSURE should be applied in the spring (from 1st February) once the crop has reached 3 leaves (GS 13), and before second node

detectable stage (before GS 32).

One application of 1.0 L/Ha of SWARDSURE will control all susceptible emerged weeds. For optimum performance it is important to check the size of weeds before application.

	Weed	Maximum weed size controlled
C	Cleavers	120-150 mm
	Common chickweed	100 mm
S	Scented mayweed	200 mm
S	Scentless mayweed	200 mm
ľV	/olunteer oilseed rape	4 true leaves
V	Vild radish (Runch)	50 mm

WATER VOLUME

Established grassland, new sown leys, grass for seed and forage maize For overall application apply SWARDSURE in 200 to 400 litres of water per hectare.

Apply SWARDSURE in 80 to 250 litres of water per hectare. The lower volume must only be used in open crops on small weeds.

SWARDSURE 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.

SWARDSURE can be applied in the spring (from 1st February) on all varieties of winter and spring wheat winter and spring barley and winter Half fill the spray tank with water and add the required amount of SWARDSURE Fill up the spray tank, mitating continuously to ensure thorough mixing, and maintain agitation until spraying is complete. Use only clean water for mixing.

Apply SWARDSURE as a MEDIUM spray as defined by the BCPC system.

TANK CLEANING

To avoid subsequent injury to crops other than grassland, all spraying equipment mu ed both inside and out, using All Clear Extra spray cleaner as follows:

- Immediately after spraying thoroughly and completely rinse all internal sur Rinse inside of tank with clean water and flush through booms and in-line
- Drain tank completely. 3. Fill tank with clean water (minimum 10% of tank capacity) and add tank clea.
- Flush the boom and hoses and drain tank completely. 4. Nozzles and filters should be removed and cleaned separately
- 10 litres of water. Rinse the tank with clean water and flush through the boo
- 6. For disposal of washings, follow Code of Practice for Using Plant otection Products. Do not spill onto sellitive crop or land intended for cropping with sensitive crop.

Note: If it is not possible to drain the tank commetely, no 3 must be epeated before going onto step 4.

TRADEMARK ACKNOWLEDGEMENTS

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Dow AgroSciences Condition of Supp

All goods supplied by us are. If high grove and we believe them to be smaller that as we cannot exercise control over their storage, handling, mixing or use, or the weather or difference of the goods, all conditions and warranties, statutor the service of the quality or fitness for any prose of or goods are excluded. No responsibility will be accepted by us or re-seller for any failure in programance, damage or in the part of the service of the goods. These conditions cannot be variously or starr or agents whether in not the supplication of use. These

To access the Safety Data She for this product scan the QR cod or use the weblink below:



eva/eu/ie/en/products/files/SWARDSURE-IRL-SDS.pdf

SAFETY PRECAUTIONS Operator protection:

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WASH HANDS AND EXPOSED SKIN before eating and drinking or smoking and after work.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

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 5 m 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 OUT OF REACH OF CHILDERN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS. KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and

DO NOT RE-USÉ CONTAINER for any purpose.

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Swardsure"

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An emulsifiable concentrate containing 144 g/litre fluroxypyr-meptyl (100 g/litre acid quivalent), 80 g/litre clopyralid and 2.5 g/litre florasul

A post-emergence herbicide for use on GRASSLAND, GRASS FOR SEED. MAIZE. WINTER AND SPRING WHEAT, BARLEY AND OATS, WINTER and SPRING RYE, WINTER TRITICALE and DURUM WHEAT for the control of broad-leaved weeds.

PROFESSIONAL USE ONLY

READ DIRECTIONS FOR USE ON ATTACHED LEAFLET PROTECT FROM FROST

Triple Rinse Containers, Puncture And Invert To Dry At Time Of Use

Distributed by:

Whelehan Crop Protection T P Whelehan Son & Co. LTD Suite 12 Bunkilla Plaza Bracetown Business Park.

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Approval Holder:

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Full details are given in the Important

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Information area on the attached leaflet Latest Timing of Application:

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Grassland (established), Grassland

(newly sown), Grassland (seed), Forage maize, Winter and

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Product Identifier according to Art.18 of Reg. (EC) No 1272/2008 [CLP]: Swardsure; Hydrocarbons, C10-C13, aromatics, <1% naphthalene

Very toxic to aquatic life with long lasting May be fatal if swallowed and enters airways Causes skin irritation.

IMPORTANT INFORMATION.

Maximum Individual Dose:

Maximum Number of

May cause an allergic skin reaction Causes serious eye irritation. Harmful if inhaled

Wear protective gloves/protective clothing/eye protection/face

IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician Do NOT induce vomiting IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove 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. Collect spillage Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site

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