



## Lexus® Millenium

### MAPP 09206

A water-dispersible granule containing 100 g/kg flupyr-sulfuron-methyl and 400 g/kg thifensulfuron-methyl for the control of black-grass and broad-leaved weeds in winter wheat and winter oats.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

### SAFETY PRECAUTIONS

#### 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) AND SUITABLE PROTECTIVE GLOVES** when handling the concentrate.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

**WASH CONCENTRATE** from skin or eyes immediately

**WHEN USING DO NOT EAT, DRINK OR SMOKE**

**DO NOT BREATHE SPRAY**

**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 farmyards and roads.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirement.'

**DO NOT ALLOW DIRECT SPRAY** from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.



This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

## STORAGE AND DISPOSAL

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place

EMPTY CONTAINER COMPLETELY and dispose of safely

Du Pont (UK) Limited,  
Crop Protection Products  
4th Floor, Kings Court, London Road,  
Stevenage  
Herts. SG1 2NG  
Tel: 01438 734450 or enquiry.agproducts@dupont.com  
Emergency 24-hour contact: Telephone 0870 820 0418  
National Poisons Information Service Telephone : 111 (England and Wales) and 08454  
24 24 24 (Scotland)



This label is compliant with the CPA Voluntary Initiative Guidance

Contents: X grams

Lexus Millenium

### HERBICIDE

containing 100 g/kg flupyrsulfuron-methyl and 400 g/kg thifensulfuron-methyl

### WARNING



**May cause an allergic skin reaction**

**Very toxic to aquatic life with long lasting effects.**

Avoid breathing mist or vapours.

Wear protective gloves/ protective clothing.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse.

Collect spillage.

Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean 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 avoid risks to human health and the environment, comply with the instructions for use**

## IMPORTANT INFORMATION

### FOR USE ONLY AS A PROFESSIONAL HERBICIDE

Crops:	Winter wheat and winter oats.
Maximum individual dose:	100g product/ha
Maximum number of treatments:	1 per crop
Latest time of application:	Winter Wheat: Before first node detectable stage Winter oats: Before 31 December in year of sowing

#### Other Specific Restriction

To avoid the build up of resistance do not apply this or any other product containing an ALS inhibitor herbicide with claims for control of grass-weeds more than once to any Crop

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

**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**

-----(*Start of label leaflet*)-----

## DIRECTIONS FOR USE

**IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.**

### RESTRICTIONS

- LEXUS MILLENIUM must not be applied to any crop suffering from stress as a result of drought, water-logging, low temperature, pest or disease attack, nutrient deficiency or other factors reducing crop growth.
- Do not use LEXUS MILLENIUM on crops undersown with grasses, clover or other legumes or any other broad-leaved crop.
- Due to the high level of activity of the herbicide, ***special care must be taken to avoid damage by drift onto plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important*** - see below.
- Do not apply within seven days of rolling the crop.
- Do not apply LEXUS MILLENIUM to a cereal crop previously treated with any product containing thifensulfuron-methyl.
- Contract agents should be consulted before using on crops grown for seed.

- Only the following sulfonylurea and other 'ALS inhibiting' herbicides can be applied to a crop previously treated with LEXUS MILLENIUM
  - Alias SX, Answer SX, Cleancrop Mondial, Gropper SX, Jubilee SX, Lorate, Simba SX
  - Ally Max SX, Biplay SX, Traton SX
  - Boxer, Barton
  - GF184, Hiker, Hunter, Starane Gold, Starane Vantage, Starane XL
  - Broadway Star, Broadway Sunrise -  
For use with Broadway Star and Broadway Sunrise.
- When used at up to a maximum rate of 50g/ha Lexus Millenium – approved as a tank-mixture or sequence.
- When Lexus Millenium is applied at more than 50g/ha - Approved as a tank-mixture only. Apply only where application may be made within the label recommendations of each product in the mixture. Where used for the control of black-grass application must only be made after an application of a pre-emergence residual herbicide and should also be mixed with a grass-weed product with an alternative mode of action.
  - Dakota, Slalom, Spitfire, Spitfire Solo

Follow the advice given under Weed Resistance if intending to use these herbicides in sequence with LEXUS MILLENIUM.

**Crop Failure** - In the event of crop failure for any reason, sow only wheat before when normal harvest of the treated crop would have taken place. Prior to resowing, soil should be ploughed and cultivated to a depth of at least 15 cm.

**Following Crops** - Only cereals, oilseed rape, field beans or grass may be sown in the year of harvest to succeed a cereal crop treated with LEXUS MILLENIUM. Any crop may be planted the following spring.

## **WEED CONTROL**

LEXUS MILLENIUM is a highly active herbicide with foliar and root activity against black-grass and a wide range of broad-leaved weeds. It is readily translocated within the weed plant, inhibiting growth within hours of application. The time taken for symptoms to appear and death to occur may vary between species. In some weed species, depending on weather conditions symptoms may not be apparent for up to four weeks. Plants not completely killed are often stunted and are much less competitive with the crop.

Good spray cover of weeds must be obtained. LEXUS MILLENIUM has a moderate residual life in soil under normal conditions. The residual activity is reduced by high soil temperatures due to increased degradation of the active ingredients. Weed control may also be reduced when soil conditions are very dry. Nevertheless, with adequate soil moisture, susceptible weeds germinating after treatment will be controlled. LEXUS MILLENIUM has moderate residual life against fully susceptible weeds.

### ***Susceptible Weeds***

#### **Broad-leaved weeds**

The susceptibility ratings of weeds in the following table refer to good spray cover and good growing conditions.

Broad-leaved Weed Species	Plants up to 2 expanded true leaves	Plants up to 6 expanded true leaves
Charlock	S	S
Chickweed, Common	S	S
Cleavers	MS	MS#
Common Field-speedwell	MS	MS
Common poppy*	S	S
Crane's-bill	S	S
Field Pansy	MS	MR
Forget-me-not	S	S
Groundsel	S	S
Ivy-leaved Speedwell	MS	MS
Mayweeds	S	S
Red dead-nettle	S	S
Shepherd's-purse	S	S
Volunteer Oilseed Rape	S	S

\* Weeds germinating after treatment may not be adequately controlled

# Regrowth can occur

S = Susceptible MS = Moderately Susceptible MR = Moderately Resistant

A dose of 60g/ha is sufficient if the weed population only contains shepherds purse, volunteer oilseed rape, charlock, mayweeds and/or groundsel at the above growth stages. This should be increased to 80g/ha if red deadnettle, chickweed and/or forget-me-not are present. The full dose (100g/ha) should be applied for activity on other or larger weeds beyond these growth stages.

### **Black-grass**

Optimal control of black-grass is achieved following application from the 1-leaf stage of the weed to before first node detectable. Control is reduced beyond this stage. When Lexus Millenium is used with isoproturon, antagonism in black-grass may occur. Before using in tank-mixture with isoproturon, consult your supplier.

### **RESISTANCE**

This product contains flupyr-sulfuron-methyl and thifensulfuron-methyl, which are ALS inhibitors, also classified by the Herbicide Resistance Action Committee as 'Group B'. Use only as part of a resistance management strategy that includes cultural methods of control and does not use ALS inhibitors as the sole chemical method of grass-weed control.

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to a herbicide if it survives a correctly-applied treatment at the recommended dose.

Development of resistance within a weed species can be avoided or delayed by alternating (or tank-mixing) with suitable products having a different mode of action.

### **Resistant black-grass**

Strains of some annual grasses (e.g. black-grass, wild-oats, and Italian rye-grass) have developed resistance to herbicides which may lead to poor control. A strategy for preventing and managing such resistance should be adopted. Guidelines have been produced by the Weed Resistance Action Group and copies are available from the HGCA, CPA, your distributor, crop advisor or product manufacturer.

Resistance management strategies should integrate both chemical and cultural approaches. Cultural measures play an essential role in limiting weed populations and

preventing or reducing the risk of resistance development e.g. ploughing, delayed drilling, rotations, stale seed-beds. However, herbicides are also important in preventing crop competition and reducing seed shed. For black-grass resistance management Lexus Millenium should be tank-mixed or sequenced with a partner even where no current resistance is suspected e.g. in sequence with tri-alleate (M 12109).

## **CROPS**

LEXUS MILLENIUM can be used on all varieties of winter wheat and winter oats between the growth stages given below. Under certain climatic, soil and crop conditions, some slight chlorosis and stunting of the crop may occur. Crops will recover quickly and there will be no effect on grain yield.

## **DOSE**

LEXUS MILLENIUM should be applied at 100 g/ha.

## **TIMING**

Winter wheat: from the 2 leaf stage of the crop until before first node detectable stage.

Winter Oats: from the 2 leaf stage of the crop to before 31 December in the year of sowing.

## **SOIL**

Lexus Millenium can be used on all soil types. On highly alkaline soils (pH > 7.7) the residual activity and subsequent weed control achieved may be reduced. Lexus Millenium is more persistent in soils of low pH.

## **VOLUME AND APPLICATION**

**BEFORE USING LEXUS MILLENIUM, SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.**

Application should be made in 200 - 400 litres of water per hectare using suitable ground equipment to give good spray cover of the weeds. When crops are thick or weed growth dense, use the higher volume.

When applying LEXUS MILLENIUM, care should be taken not to overlap spray swaths.

## **MIXING**

LEXUS MILLENIUM mixes easily with water, but the following mixing procedure should be followed: Quarter fill the spray tank with clean water, start the agitation and steadily add the required quantity of LEXUS MILLENIUM directly to the tank (pre-mixing is not necessary). Complete filling and maintain agitation before and during spraying until the tank is empty.

## **COMPATIBILITY**

In any tank-mix, add LEXUS MILLENIUM to the tank first and ensure it is fully dispersed before adding the partner product. Follow washout instructions and use only recommended tank-mixtures.

LEXUS MILLENIUM may be tank-mixed with the following:

Tank-mix partner	Crops
Cypermethrin	Winter wheat

LEXUS MILLENIUM must not be tank-mixed with propiconazole, chlorpyrifos or flutriafol. Allow at least 14 days between applications of LEXUS MILLENIUM and chlorpyrifos treatments.

Products should only be tank-mixed if each product can be applied within the label recommendation for its use.

## **SPRAY TANK CLEAN-OUT**

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING LEXUS MILLENIUM THOROUGHLY CLEAN ALL SPRAY EQUIPMENT INCLUDING INSIDE AND OUTSIDE OF LID USING ALL CLEAR<sup>®</sup> EXTRA SPRAYER CLEANER ACCORDING TO THE FOLLOWING LABEL INSTRUCTIONS:

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 boom and hoses using at least one-tenth of the spray tank volume. Drain tank completely.
3. Half fill tank with clean water and add DuPont ALL CLEAR EXTRA at the recommended rate. Agitate and then flush the boom 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. Again flush the boom and hoses and drain tank completely.
4. Nozzles and filters should be removed and cleaned separately with an 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 boom 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' (DEFRA Publications 2006). 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 on to step 4.

### **ADDITIONAL NOTE**

LEXUS MILLENIUM is non-corrosive to equipment, non-flammable and non-volatile.

### **NOTICE TO BUYER**

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

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**Section 6 of the Health and Safety at Work Act  
Additional Product Safety Information  
(This section does not form part of the product label under the Control of  
Pesticide Regulations 1986)**

**The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has “off-label” approval or is otherwise permitted under the Control of Pesticides Regulations.**

**The information on this label is based on the best available information including data from test results**

**Safety Data Sheet**

[ insert QR code and wording]

To access the Safety Data Sheet for this product scan the code