

**IMPORTANT**  
observe tank wash-out  
procedure on label

**MAPP 18906**

# SQUIRE<sup>®</sup> ULTRA

**A sulfonylurea herbicide for the control of docks  
and some annual broad-leaved weeds in grassland.**

A water dispersible granule formulation containing  
75% w/w amidosulfuron, a sulfonylurea herbicide.

## Approval Holder

Bayer CropScience Ltd.  
230 Cambridge Science Park  
Milton Road, Cambridge  
CB4 0WB  
Telephone: 01223 226500

## Marketing Company

Sumitomo Chemical (UK) plc.  
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## For 24 hour emergency information contact

**Telephone:**  
**00800 1020 3333**  
or the National Poisons  
Information Service (NPIS),  
**Telephone: 0870 600 6266**

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

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## SAFETY PRECAUTIONS

### Operator Protection

WASH HANDS AND EXPOSED SKIN before meals  
and after work.

### Environmental Protection

DO NOT CONTAMINATE SURFACE WATERS OR  
DITCHES with chemical or used container.  
Extreme care must be taken to avoid spray drift  
onto non-crop plants outside of the target area.  
THIS PRODUCT MUST ONLY BE APPLIED  
BETWEEN, 1 FEBRUARY AND 30 JUNE ON  
ROTATIONAL GRASS AND BETWEEN 1 FEBRUARY  
AND 15 OCTOBER ON PERMANENT GRASSLAND.  
LIVESTOCK MUST BE KEPT OUT OF TREATED  
AREAS FOR AT LEAST SEVEN DAYS AFTER  
TREATMENT. IF RAGWORT IS PRESENT, FOLLOW  
THE GUIDANCE IN THE 'DIRECTIONS FOR USE'.  
HAY OR SILAGE MUST NOT BE CUT FROM  
TREATED CROPS FOR AT LEAST 21 DAYS AFTER  
TREATMENT.

### Storage and Disposal

WASH OUT CONTAINER THOROUGHLY and  
dispose of safely.



### Safety Information

#### Squire Ultra

Contains 75%  
w/w amidosulfuron



### Warning

Very toxic to aquatic life with long lasting effects.

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.

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

## IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

- Crops:** Grassland
- Maximum individual dose:** 60 g of product per hectare
- Maximum total dose:** 60 g product/hectare/year
- Other specific 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.
- Hay or silage must not be cut from treated crops for at least 21 days after treatment.
- This product must only be applied between 1 February and 30 June on rotational grass.
- This product must only be applied between 1 February and 15 October on permanent grassland.

**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.**

## 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

DO NOT roll or harrow within one week of spraying.

DO NOT spray crops under stress, suffering drought, waterlogged, lacking nutrients or if the soil is compacted.

Broadcast crops should be sprayed post-emergence after the plants have a well established root system and all other conditions on the label and leaflet are met.

DO NOT spray if frost is expected. If the leaves are wet or covered with ice, run off may occur.

Keep livestock out of treated areas for at least 7 days after treatment and until foliage of any poisonous weed such as ragwort has died and become unpalatable.

Where ragwort is present users should consult the Code of Practice on How to Prevent the Spread of Ragwort. 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.

DO NOT cut for hay or silage for at least 21 days following treatment.

Store in a cool, dry, safe place designated as an agrochemical store.

### **WEEDS CONTROLLED**

This product contains amidosulfuron which is an ALS inhibitor, also classified by the Herbicide Resistance Action Committee as 'Group B'. To reduce the risk of developing resistance or where resistance to sulfonylurea herbicides is suspected applications should be made to young, actively growing weeds.

The use of cultural methods of control and herbicides with non-ALS modes of action within the cropping season and/or throughout the cropping rotation will help reduce the risk of developing resistance.

All species of docks will be controlled from the seedling to full rosette stage. If flower stems have emerged, they should be mowed off and leaf re-growth treated. Treated docks will stop growing, but full control will not be seen for 1-2 months.

If present at application, cleavers (up to flower bud) charlock (up to flower bud), shepherd's-purse (up to flower bud) and field forget-me-not (up to 6 leaves) will also be controlled by Squire Ultra.

Kill of weeds with Squire Ultra is slow, particularly under cool, dry conditions. Sometimes, the weeds may only be stunted but they will normally have little or no competitive effect on the crop.

### **CROP SPECIFIC INFORMATION**

Squire Ultra may be used in grassland including swards with white clover. Avoid using Squire Ultra on grass swards containing red clover.

Where grass/clover has been newly established Squire Ultra can be applied from the three leaf stage of the grass and 1-2 trifoliolate leaves of the clover.

For optimum results, apply Squire Ultra during warm weather, when the soil is moist and the weeds actively growing. Dry conditions resulting in moisture stress may reduce effectiveness. Squire Ultra can be used on all soil types.

Particularly where application is made to rapidly growing lush grass an initial check may occur that can reduce dry matter production. This effect is transitory in nature and in most situations there will be no overall reduction in dry matter production across the whole season.

#### **Application**

Permanent grassland: Apply between 1 February and 15 October when docks are actively growing.

Rotational grass: Apply between 1 February and 30 June when docks are actively growing.

Following cutting or grazing, docks should be allowed to regrow before treatment.

For optimal results, use application techniques which ensure good weed coverage and crop penetration.

Apply at 60 g/ha in volumes of 200-400 litres of water per hectare.

Use up to 400 litres of water per hectare where crops are thick or weeds dense.

Use spray pressure of 2.5 – 3.0 bar and spray quality of **FINE** or **MEDIUM** (BCPC category).

Avoid damage by drift onto broad-leaved plants outside the target area or onto ponds, waterways and ditches.

#### **FOLLOWING CROPS and CROP FAILURE**

Only cereals should be sown within 12 months of an application of Squire Ultra to grassland. If sowing following a crop failure, a minimum interval of 15 days is advised and thorough cultivation is recommended.

#### **MIXING**

Half fill the spray tank with clean water, start agitation and add the required quantity of Squire Ultra directly to the tank. Top up the tank to the required volume. Continue agitation whilst spraying.

When tank-mixing, always add Squire Ultra to the spray tank first and fully disperse before adding other products. Do not allow Squire Ultra granules to come into contact with the undiluted concentrate of any other product.

#### **Sprayer hygiene**

It is important that the spray tank, boom, hoses, filters and nozzles are thoroughly washed out to remove all traces of Squire Ultra immediately after spraying and before the sprayer is used on crops other than cereals, grassland or potatoes.

Use either of the following procedures:-

##### **(a) Bleach cleaning**

1. Drain sprayer completely, then wash out tank boom and hoses with clean water. Drain again.
2. Half-fill tank with clean water and add chlorine bleach (i.e. bleach with 10% available chlorine) at a dilution rate of 2.5 litres of bleach per 1,000 litres of water. Complete filling the tank with water. Flush through boom and hoses then leave sprayer for 10 minutes with agitation on. Then drain completely.
3. Remove nozzles and filters and leave to soak in a bleach solution of 250 mL bleach per 10 litres of water whilst tank cleaning is in progress.
4. Flush the tank, boom and hoses with clean water.

Ensure any spray contamination on the outside of the sprayer is removed by washing in clean water.

##### **(b) Ammonia-based cleaning (e.g. All ClearExtra)**

Follow manufacturers' recommendations.

DO NOT MIX any bleach or chlorinating agent with any ammonia-based cleaning agent as toxic gases may be liberated.

#### **COMPATIBILITY**

Squire Ultra is not compatible with propiconazole-containing products.

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