

# SQUIRE ULTRA

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

MAPP 14401

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

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

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Pack size 240g

## SAFETY PRECAUTIONS

### Operator Protection

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

WASH HANDS AND EXPOSED SKIN before meals and after work

### Environmental Protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container. THIS PRODUCT MUST ONLY BE APPLIED BETWEEN, 1 FEBRAURY 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 AND UNTIL POISONOUS WEEDS SUCH AS RAGWORT HAVE DIED AND BECOME UNPALATABLE

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.

## **SQUIRE ULTRA**

Contains 75% w/w amidosulfuron



### **DANGEROUS FOR THE ENVIRONMENT**

#### **VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT**

This material and its container must be disposed of in a safe way.  
Use appropriate containment to avoid environmental contamination.

To avoid risks to man 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

Latest time of application: 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.

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**

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 trifoliate 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 may be applied as a tank-mix with a range of products. Contact Bayer CropScience for compatibility information on specific tank-mixes. Full manufacturer's instructions must be followed for each tank-mix component.

Squire Ultra is not compatible with Tilt 250 EC

(Acknowledgements & Trademarks etc)