



PROSPECT® SX

A water soluble granule containing 500 g/kg thifensulfuron-methyl, a sulfonylurea, for the control of broad-leaved docks in rotational and established grassland and set-aside land.

PCS No: 02284

PROSPECT SX



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
Keep out of reach of children
Wear suitable protective gloves when handling the concentrate.
Do not contaminate ponds, waterways or ditches with chemical or used container
Wash hands before meals and after use
Do not re-use container for any other purpose and dispose of safely.

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

PCS No 02284

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Contents: XXXXg e
Manufactured in EU
Batch N° XXXX

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CONDITIONS RELATING TO USE

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE FOR THE CONTROL OF BROAD-LEAVED DOCKS IN ROTATIONAL AND ESTABLISHED GRASSLAND AND SET ASIDE LAND.

Maximum individual dose:

Grassland and Set aside 22.5g product/ha

Maximum Number of applications: 1 per year

Latest time of application:

Grassland 7 days before cutting/ grazing

Method of application:

Tractor mounted sprayer

DIRECTIONS FOR USE

RESTRICTIONS

- Due to the high level of activity of the herbicide, special attention must be paid to the thorough cleansing of equipment and the avoidance of spray drift - See below.

WEED CONTROL

PROSPECT SX is a contact-acting herbicide with translocated activity that controls broad-leaved docks (*Rumex obtusifolius*) by rapidly stopping the growth of both root and shoot tips. However, visible signs of weed kill may take several days to appear and are characterised by death at the growing point and bright yellowing or reddening of the leaves.

Weed control may be reduced if rain occurs within four hours of application. Good spray cover must be obtained to achieve the best results. PROSPECT SX should be applied to established grassland when broad-leaved docks are actively growing. To ensure long-term control respraying may be required. Docks with seed heads maturing should be topped and the regrowth treated later.

Where docks are a major problem, usually where grass is intensively managed (frequent cutting and high levels of N-fertiliser), re-growth may occur. If significant re-growth should occur, which will depend on the maturity of the existing dock plants (large plants with big tap roots being more difficult to control) and the cutting and fertiliser regime, a further application will be necessary. Re-growth is more likely to occur where the lower dose rate has been applied.

WEED RESISTANCE

When herbicides with the same mode of action are used repeatedly over several years on 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.

WEED SUSCEPTIBILITY

Broad-leaved docks are susceptible up to the formation of the flower head. Best results are achieved when the weed is actively growing. Established docks with large tap roots may require respraying.

Curled-leaf dock (*Rumex crispus*) is not controlled.

CROPS

GRASSLAND

CROP SAFETY

PROSPECT SX can be applied to rotational and established grassland. Do not treat new leys in the same calendar year. Damage to the sward, resulting in a loss of dry matter production, may occur under stress conditions. Do not apply PROSPECT SX where nutrient imbalances, drought, water-logging, high or low temperatures, lime deficiency, pest or disease attack or any other factor that can reduce sward vigour. The health of the sward should be examined before application. Cutting or grazing within 7-10 days after application can help to minimise any production loss. PROSPECT SX may cause a transient check to clover.

TIMING

Apply PROSPECT SX 7 to 10 days before cutting or grazing, from March to the end of the growing season, usually early October.

DO NOT CUT OR GRAZE WITHIN SEVEN DAYS OF APPLICATION. UNDER STRESS CONDITIONS (see Crop Safety section), WHEN DAMAGE MAY OCCUR, DELAYING CUTTING OR GRAZING MORE THAN TEN DAYS AFTER APPLICATION MAY RESULT IN A LOSS OF DRY MATTER PRODUCTION.

DOSE

Apply PROSPECT SX at 22.5 grams per hectare in 200 litres of water per hectare using suitable spray equipment to give good spray cover of the docks. Rain occurring within four hours of application may reduce the effectiveness of the product. When applying PROSPECT SX, care should be taken to avoid overlap of spray swaths.

SET-ASIDE LAND

PROSPECT SX can be used for broad-leaved weed control in set-aside land within current guidelines and in accordance with the following instructions:

Apply 22.5 g product/hectare in 200 litres of water/hectare

Apply only once per year

Any crop may be sown in the same calendar year to set-aside land treated with PROSPECT SX.

Treated green cover on land temporarily removed from production must not be grazed by livestock or harvested for human consumption or used for animal bedding.

FOLLOWING CROPS

Sow only cereals or grass within four weeks of applying PROSPECT SX to established grassland or to set-aside land.

SOIL

PROSPECT SX can be used on all soil types.

VOLUME AND APPLICATION

BEFORE USING PROSPECT SX, SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.

Application should be made in 200 litres of water per hectare, using suitable ground equipment to give good spray cover of the weeds. When weed growth is dense, use 400 litres of water per hectare.

When applying PROSPECT SX, care should be taken not to overlap spray swaths.

MIXING

PROSPECT SX mixes easily with water, but the following mixing procedure should be followed: Quarter fill the spray tank with water, start the agitation and add the required quantity of PROSPECT SX directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying. Use the spray the same day as mixing.

COMPATIBILITY

IN ANY TANK-MIX, ADD PROSPECT SX TO THE TANK FIRST AND ENSURE THAT THE GRANULES ARE FULLY DISPERSED BEFORE ADDING THE PARTNER PRODUCT. PROSPECT SX alone or in tank-mix must not be applied to any crop suffering from stress or not actively growing. For up-to-date information on compatibility, consult your distributor.

WARNING

EXTREME CARE SHOULD BE TAKEN TO AVOID DRIFT OF SPRAY ONTO NEARBY BROAD-LEAVED CROPS, OR LAND INTENDED FOR CROPPING OR DESIRABLE TREES OR OTHER PLANTS. SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ON LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.

SPRAY TANK CLEAN-OUT

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING PROSPECT SX THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING THE FOLLOWING PROCEDURE:

Always start with a clean tank and spray system. Clean spray equipment thoroughly immediately after use.

1. Thoroughly and completely rinse all interior tank surfaces (including lid) with water (use at least 10% of the tank capacity), taking care to remove any visible deposits. Flush pump, filters and boom after removing in-line strainers, nozzle tips and screens (clean these parts separately). Drain the remainder of the rinsate from the tank.
2. Repeat the rinse, flush and drain.

GENERAL NOTES:

Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

ADDITIONAL NOTE

PROSPECT SX 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.

Latest version of MSDS to be inserted here.