

RESCUE

FINAL LABEL TEXT

James Kay
June 2009

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RESCUE



Product registration number MAPP 14518

Contains 45 g/l (4.59% w/w) pinoxaden and 11.25 g/l (1.15% w/w) cloquintocet-mexyl as an emulsifiable concentrate

A herbicide for post emergence reduction of ryegrass on managed amenity turf (golf greens and fairways) and amenity grassland (golf semi-rough and rough).

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

This product label is compliant with the CPA Voluntary Initiative (VI) guidance.

Net contents

Syngenta Crop Protection UK Limited
CPC 4, Capital Park, Fulbourn,
Cambridge CB21 5XE
Tel: Cambridge (01223) 883400

In case of toxic or transport emergency ring (01484) 538444 any time

PROTECT FROM FROST

Product code / Print date / xxxxxx

Batch Number

SAFETY PRECAUTIONS

(a) 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.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

WASH CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

(b) 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 golf courses and roads.

(c) Storage and disposal

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

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinse three times. Add washings to sprayer at time of filling and dispose of safely.

RESCUE



HARMFUL

DANGEROUS FOR THE ENVIRONMENT

Contains 45 g/l (4.59% w/w) pinoxaden and 11.25 g/l (1.15% w/w) cloquintocet-mexyl as an emulsifiable concentrate

IRRITATING TO SKIN.

MAY CAUSE SENSITISATION BY SKIN CONTACT

TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

HARMFUL MAY CAUSE LUNG DAMAGE IF SWALLOWED

Keep out of the reach of children.

Keep away from food, drink and animal feeding stuffs.

Wear suitable protective clothing and gloves.

When using do not eat drink or smoke.

This material and its container must be disposed of in a safe way.

Use appropriate containment to avoid environmental contamination.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL HERBICIDE

Crops	Maximum Individual Dose (litres product/hectare)	Maximum Number of Treatments	Latest Time of Application
Managed amenity turf and amenity grassland	1.33 (Spring use) 1.0 (Autumn use)	Two per annum	-

Other Specific Restrictions:

- (a) Application must only be made to golf greens, golf fairways (including tees), rough and semi-rough areas
- (b) The maximum individual dose between October and April must be 1 l product/ha
- (c) The maximum total dose must not exceed 2.33 litres product/ha/year

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.

This leaflet is part of the approved Product Label.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

RESCUE containing pinoxaden is a herbicide for the reduction of ryegrass in managed amenity turf (golf greens and fairways) and amenity grassland (golf semi-rough and rough), whilst leaving Fescue species intact.

Up to two applications of RESCUE per year can be made on golf courses. On closely mown playing surfaces RESCUE can be used to remove patches or clumps of ryegrass, improving the aesthetic value and playing quality of the turf.

RESCUE can also be used to reduce ryegrass within areas of rough on golf courses. Removal of coarse, vigorous grasses and selecting for finer grasses within rough areas is important for the benefit of biodiversity, improved playability and ease of management.

RESCUE is rapidly absorbed through the leaves and moves upwards and downwards throughout the plant to the growing points. RESCUE works independently of soil type as it acts through the foliage.

CROPS AND SITUATIONS

RESCUE may be used on golf courses only, for use on established turf in managed amenity turf (greens and fairways) and amenity grassland (semi-rough and rough) situations.

RESTRICTIONS

Avoid drift and possible damage to neighbouring crops and plants.

Weeds germinating after application will not be controlled.

WEEDS CONTROLLED

RESCUE reduces ryegrass in managed amenity turf (golf greens and fairways) and amenity grassland (golf semi-rough and rough), whilst leaving Fescue species intact.

RESISTANCE MANAGEMENT

This product contains pinoxaden which is an ACCase inhibitor, also classified by the Herbicide Resistance Action Committee as 'Group A'.

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 CPA, your distributor, turf advisor or product manufacturer.

CROP SPECIFIC INFORMATION

RESCUE will control ryegrass which can adversely affect the establishment, maintenance and quality of sown or naturally regenerating managed amenity turf (golf greens and fairways) and amenity grassland (golf semi-rough and rough). RESCUE is safe to annual and perennial dicotyledonous (broad-leaved) species and a range of *Festuca* species. However, RESCUE can reduce the frequency of a number of other non-target grasses, for example bent species and Smooth stalked meadow grass. RESCUE may also affect the growth habit of Yorkshire Fog. RESCUE must only be used for the reduction of ryegrass in Fescue swards.

The following table lists the species that are known to be RESISTANT to RESCUE at rates up to 1.33 l/ha.

Annual and perennial dicotyledonous species	- All
Grasses	Sheeps Fescue - <i>Festuca ovina</i> Hard Fescue - <i>Festuca longifolia</i> Chewings fescue - <i>Festuca rubra spp commutata</i> Red fescue - <i>Festuca rubra spp purinsoa</i> Fine-leaved sheeps fescue - <i>Festuca tenuifolia</i> Annual meadow-grass - <i>Poa annua</i>

The dynamics and manipulation of species populations in managed amenity turf and amenity grassland is complex. The wrong timing of both cultural and chemical treatments can have an adverse affect on non-target species. If in doubt, always consult your conservation advisor before using RESCUE in this situation.

MIXING AND SPRAYING

Mixing

Half fill the spray tank with CLEAN water and start agitation. Shake the container and add the correct amount of RESCUE to the sprayer using a filling device (e.g. induction hopper) or by direct addition to the spray tank. Complete filling and agitate thoroughly. Continue agitation during spraying and stoppages.

Wash out container thoroughly. Preferably use an integrated pressure rinsing device or manually rinse three times. Add washings to the sprayer at the time of filling.

Dispose of rinsed containers safely according to DEFRA /HSE Code of Practice.

Volume Of Water

Even cover of the weeds is essential for good results.
Apply in 250 to 500 litres per hectare.

APPLICATION METHODS

Even cover of the weeds is essential for good results. Apply through a conventional hydraulic sprayer using a pressure of 2-4 bars. **Apply as a MEDIUM spray.**

Knapsack Sprayers

For Autumn applications use 40 ml in 10 litres of water
For spring application use 53.3 ml in 10 litres of water

Ensure that the sprayer is properly cleaned and washed before use, spray contamination may damage crops.

Correctly calibrate sprayer before use. Do not leave spray liquid in the sprayer for long periods (i.e. during meals or overnight).

BAND SPRAYING

RESCUE may be applied through a standard band sprayer for the reduction of ryegrass.

AFTER USE

Wash equipment thoroughly after use with a commercial tank cleaner in accordance with the manufacturers instructions. Dispose of tank washings and rinse containers safely according to the DEFRA code of practice.

COMPANY ADVISORY INFORMATION

Optimum Control Of Weeds

For best release from early competition use RESCUE at the earliest recommended time.

Speed of kill will be more rapid when weeds are actively growing under warm conditions and with adequate soil moisture. Treatment under cool conditions will give slower activity. In poor growing conditions use the higher rate for more rapid and reliable control.

Under dry conditions control of weeds may be reduced.

For newly seeded ryegrass a single application should be sufficient to provide control. In well established ryegrass repeat applications may be required to provide full control.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at user's risk.

RESCUE is a trade mark of a Syngenta Group Company.

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 Pesticides 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.