

- Add further water to the required level and continue agitation until spraying is complete.

**TANK-MIXTURES:** DARIUM® may be applied as tank-mix with a range of products. Before preparing a tank-mix always do a compatibility test.

**STORAGE AND DISPOSAL:** KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place. Store well away from seeds, fertilizers and animal feeding stuffs in a safe dry place designated as an agrochemical store. PROTECT FROM FROST. WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely. Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple-rinsed empty containers which can be disposed of as non-hazardous waste.

**CONDITIONS OF SUPPLY:** The supplier guarantees that the product DARIUM® is of good quality and suitable for the control of diseases listed above if used in accordance with label instructions. However, as the supplier has no control over product storage, handling, mixing or use which may affect levels of control achieved particularly when used under adverse weather conditions any warranties (statutory or otherwise) regarding quality of performance of the formulation are not applicable. In consequence no claims of or responsibility for failure of disease control, damage or injury to crops will be accepted by either the manufacturer or supplier.

Systemic herbicide for control of economically important grass weeds in oilseed rape and sugar beet.

Packaging: 5.0 l

**DARIUM®**

AGRIA SINCE 1932

**FOR PROFESSIONAL USE ONLY**

Contains: 50 g/l Quizalofop-p-ethyl  
 Formulation: Emulsifiable concentrate (EC)  
 Manufacturer, authorization holder and entity responsible for the final packaging and labelling: AGRIA S.A., Asenovgradsko шосе, Plovdiv 4009, Bulgaria, tel: +359 (0) 32 273 500

Expiry at normal storage: 24 months after date of manufacturing  
 Batch number and date of manufacture: see packaging  
 Emergency Telephone Number: +44(0)1235 239670 / 24-Hours

**SAFETY INFORMATION**

**DANGER**

May be fatal if swallowed and enters airways  
 Causes skin irritation  
 May cause an allergic skin reaction  
 Causes serious eye damage  
 May cause respiratory irritation  
 May cause drowsiness or dizziness  
 Very Toxic to aquatic life with long lasting effects  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Avoid breathing dust/fume/ gas/mist/vapours/spray.  
 IF ON SKIN: wash with soap and water. If skin irritation occurs get medical advice/attention.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.  
 Do not induce vomiting  
 Collect spillage  
 To protect aquatic organism, respect a 5m buffer zone from surface water bodies.  
 Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty 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.

UFI: NF00-90QU-W007-4STR  
 PCS No. 06677

  COEX

| Crop                  | Max. individual dose (l/ha) | Max. treatments per season | Max. total dose (l/ha) | Latest time of application                                  |
|-----------------------|-----------------------------|----------------------------|------------------------|---|
| Oilseed rape (winter) | 2.5                         | One                        | 2.5                    | Three leaves unfolded to crop cover complete (BBCH 13 - 39) |
| Sugar beet            | 2.5                         | One                        | 2.5                    | BBCH 13 - 39  |

Control of annual and perennial grass weeds including volunteer cereals and Couch grass.

**READ THE LABEL BEFORE USE, USING THE PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE!**

**FIRST AID INFORMATION - FOR USE IN THE EVENT OF ACCIDENTAL EXPOSURE OR INGESTION:** In case of uncontrolled exposure immediate medical attention is recommended.  
 Following inhalation: Remove from exposure area to fresh air. Seek medical attention immediately. Following skin contact: Remove contaminated clothing and shoes. Wash affected area with plenty of water. Seek medical attention if necessary. Wash contaminated clothing before next use. Following eye contact: Immediately rinse for at least 15 minutes with large quantity of drinking water while holding eyes open. Remove contact lenses, if present and rinse eyes with plenty of drinking water for 15 minutes. Immediately seek qualified medical advice. Following ingestion: Seek medical attention immediately. Don't induce vomiting.

**INSTRUCTIONS FOR USE:**  
 DARIUM® is applied as a pre-emergence, exclusively during optimal growth of the herbaceous weeds, when most of them have entered the tillering phase and until the end of tillering. Spray during the periods of active growth of the weeds. The time of application is determined by the phase of development of the herbaceous weeds. During the tillering phase the product must be applied with a higher rate margin. Do not use in damaged plantings or plantings with stunted growth.  
 The product should not affect any adjacent plantings. Cereals and herbaceous crops are especially sensitive.  
 DARIUM® is a pre-emergence systemic herbicide for control of annual and perennial grass weeds including volunteer cereals and couch grass. DARIUM® is absorbed from the leaf surface, with translocation throughout the plant, moving in both the xylem and phloem, and accumulating in the meristematic tissue. For DARIUM® to be effective a good spray cover must be present and ideally the weeds should be actively growing.

**APPLICATION VOLUME:** Apply the recommended dose in a water volume of 200 – 400 l/ha. Use the higher volume of water when grass weeds cover is dense.

**ROTATION CROPS:** After the planned harvest of the treated crop there are no limitations with respect to the choice of next crop. In case of early ploughing/crop destruction/ treated crop failure, dicotyledonous crops can be sown. After at least 6 weeks from the last treatment, cereals can also be sown.

**RESISTANCE**  
 To prevent resistance always follow label recommendations and monitor fields regularly for any signs of poor control. Use herbicides with different modes of action.  
 The active ingredient quizalofop-p-ethyl is included in the HRAC group A herbicides. Resistance is most likely to be generated in uses where quizalofop-based products are applied frequently or where alternative herbicides are not readily available. To avoid resistance, it is recommended to rotate the applications of quizalofop-p-ethyl based products with products that are with different mode of actions. Additionally, a resistance management strategy should be used and other cultural methods of control to prevent and manage herbicide resistant grass weeds.

**SAFETY PRECAUTIONS**  
**Operator Protection.** The opening of the packages and the preparation of the solution for application (spray solution) must take place in a well-aerated open space. The product shall be applied in calm weather conditions or light breeze in the direction of the wind, not towards persons located upwind. Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment: Wear suitable protective clothing, eye/face protection and gloves. Wash hands thoroughly after using this substance. Do not eat, drink or smoke at the workplace before removal of the personal protective equipment and thorough washing. Avoid contact with skin, eyes and clothing. Avoid inhalation of dust/mists/vapors. Do not touch spilled material. If you are using non-disposable PPE, then clean it or wash it after each use. Do not take contaminated work clothing outside of the workplace. Do not use contact lenses during the preparation of the product solution and the actual application. Ensure that there is enough clean water at the places where concentrated product is handled for potential administration of first aid and eye washing. The use of the product is restricted for pregnant and nursing women, and underage persons. Entry in the treated area shall be allowed at least on the next day after application of the product and only with protective clothing, closed work boots or protective boots.

**Environmental Protection.**  
 In case of accidental release take precautions to protect the surface and underground water, soil and sewage from contamination. Remove the sources of heat and flames. In case of spill into the sewage, surface water, ground water or soil notify the competent authorities immediately.

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).

**APPLICATION AND MIXING.**  
 - Tractor mounted/trailed horizontal sprayer.  
 - For better efficacy, ensure good cover of the treated weeds.  
 - Half-fill the spray tank with clean water and add the required quantity of DARIUM® (shake well beforehand) with agitator operating.