



# Lumiposa® INSECTICIDE

PCS No. 06257

A flowable concentrate formulation for seed treatment (FS) of winter sown oilseed rape containing 625g/l cyantraniliprole, for the reduction of damage to seedlings caused by early attacks of Cabbage stem flea beetle, Flea beetle, Cabbage root fly and Turnip sawfly

## SAFETY PRECAUTIONS

### OPERATOR PROTECTION

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, treated seed, calibrating or cleaning machinery, and when handling contaminated surfaces or dealing with spillages.  
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (disposable filtering facepiece respirator to EN 149 FFP3(S) or equivalent) when bagging seed.  
WASH HANDS AND EXPOSED SKIN after cleaning and re-calibrating equipment.  
WASH HANDS AND EXPOSED SKIN before meals and after work

### ENVIRONMENTAL PROTECTION

The seed coating shall only be performed in professional seed treatment facilities. Those facilities must apply the best available techniques in order to ensure that the release of dust during application to the seed, storage and transport can be minimized.  
DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.  
Dispose of contents/container to a licensed hazardous waste contractor or collection site except for triple rinsed containers which can be disposed of as non-hazardous waste  
Use appropriate containment to avoid environmental contamination.

### STORAGE AND DISPOSAL

KEEP OUT OF THE REACH OF CHILDREN  
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS  
KEEP IN ORIGINAL CONTAINER tightly closed in a safe place  
DO NOT RE-USE CONTAINER for any purpose.  
LABEL TREATED SEED with the appropriate precautions using printed sacks, labels or bag tags

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Emergency 24hour contact: Telephone: 01-901 4670  
Poisons Information Centre : 01-809 2166

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## SEED BAG LABEL

### PRECAUTIONS for treated seed

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling treated seed.  
DO NOT USE TREATED SEED as food or feed  
DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE BEEN USED FOR TREATED SEED for food or feed  
KEEP TREATED SEED SECURE from people, domestic stocks/pets and wildlife at all times during storage and use.  
WASH HANDS AND EXPOSED SKIN before meals and after work.  
BURY OR REMOVE SPILLAGES  
TO PROTECT BIRDS/WILD MAMMALS, treated seed should not be left on the soil surface. Bury or remove spillages  
DO NOT APPLY TREATED SEED FROM THE AIR

**LUMIPOSA**  
**A seed treatment**  
**containing 625g/l cyantraniliprole**

**Very toxic to aquatic life with long lasting effects**

Collect spillage  
Dispose of contents / container by returning container to the supplier  
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).  
**To avoid risks to human health and the environment, comply with the instructions for use**

PCS No. 06257



Contents: **200 Litres**

## IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL SEED TREATMENT

**Crops:** Winter oilseed rape  
**Maximum individual dose:** 8 mL per 100,000 seeds  
**Maximum number of treatments:** 1 per crop  
**Latest time of application:** Before drilling  
**Other specific restrictions:** LUMIPOSA may only be applied every third year on the same field  
A maximum seeding rate of 500,000 seeds/ha must not be exceeded  
Treated seeds should not be fed to livestock

**READ THE LABEL BEFORE USE. USING THIS LABEL 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**  
• Treated seeds must not be used for mixed with food, animal feed or processed for oil.  
• LUMIPOSA is only recommended for use as a commercial seed treatment

**Pest Control**  
LUMIPOSA contains cyantraniliprole, which is an anthranilic diamide insecticide, classified as an IRAC Group 28 insecticide (ryanodine receptor modulators – diamides). Control is provided through the activation of the ryanodine receptors of the target insect, which results in impaired muscle regulation, paralysis and ultimately insect death. Activity is by ingestion or contact.

LUMIPOSA is a broad-spectrum insecticide seed treatment for use in winter oilseed rape. LUMIPOSA is recommended for the reduction of damage associated with early attacks by Flea beetles (*Phyllotreta spp.*), Cabbage stem flea beetle (*Psylliodes chrysocephala*), Cabbage root fly (*Delia radicum*) and Turnip sawfly (*Athalia rosae*). These are common pests affecting oilseed rape during crop establishment. Follow up sprays may be required if pest activity is heavy or prolonged. After exposure, the pest species show rapid reduction or cessation of feeding, however complete death may take 24 – 60 hours depending upon the species.

### Resistance Management

LUMIPOSA is an IRAC Group 28 Insecticide (ryanodine receptor modulator - diamide). Repeated and exclusive use of LUMIPOSA may lead to the build-up of resistant strains of insects in some crops. Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, LUMIPOSA may be used as part of resistance management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of mode-of-action classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local agronomist or specialist advisor for details, and follow the recommended IRAC guidance for use of ryanodine receptor modulator – diamide insecticides (<http://www.irac-online.org>).

When insecticides with the same mode of action are used repeatedly over several years in the same field, naturally occurring less sensitive strains may survive, propagate and become dominant in that field. An insect is considered resistant to an insecticide if it survives a correctly applied treatment at the recommended dose and timing under normal weather conditions and a validation test with a suitable bioassay confirms the lack of activity. When resistance occurs, recommended

rates fail to suppress the pest population below economic thresholds. Development of resistance can be avoided or delayed by alternating products having different modes of action. For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irac-online.org>.

Best practices for resistance management of Group 28 insecticides include;  
• Avoid using the same mode of action (same IRAC group number) on consecutive generations of insect pests.  
• Application to the next generation of target pest(s) must be with an effective product with a different mode of action (non-Group 28 insecticide).  
• Target the most susceptible insect life stages, whenever possible.  
• Monitor insect populations for product effectiveness.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local agronomist or specialist advisor for the best alternate method of control.

### Crop Specific information

LUMIPOSA may be used on all varieties of winter oilseed rape. Treatment should be carried out as near to drilling as possible.

### Rate of use

Apply LUMIPOSA at 8ml per 100,000 seeds  
Do not exceed a sowing rate of 500,000 seeds/ha.

### Application

LUMIPOSA may only be applied using calibrated seed treatment equipment. Treatment equipment must be clean and free of previous pesticide deposits before applying LUMIPOSA. Add undiluted LUMIPOSA directly to the mixing tank.

Treated seed should be stored in a cool, dry, ventilated environment. Avoid prolonged exposure above 40°C and do not subject to temperatures below freezing. Ideally, treated seed should be used in the season of treatment. It is not recommended to store LUMIPOSA treated seed for longer than 18 months.

### Seed quality

Do not use on cracked or damaged seed. Use only good quality seed tested for viability using a suitable germination test before treatment.

### Seed Spillages

In case of seed spillage, clean up as much as possible into the related seed sack and re-use. Bury or remove the remainder completely.

## 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.

*All manufacturers trademarks are duly acknowledged.*

**Batch No:**