



EXIREL[®] 10SE

A suspo-emulsion formulation containing 100 g/litre cyantraniliprole for control of *Spotted Wing Drosophila* (*Drosophila suzukii*) in **cherries**.

For UK use only, under the terms of an emergency authorisation issued according to Article 53 of Regulation (EC) no 1107/2009. Users must comply with all conditions of the emergency authorisation as detailed below.

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

SAFETY PRECAUTIONS

OPERATOR PROTECTION

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

Operators must wear suitable protective clothing (coveralls) and suitable protective gloves when handling the concentrate.

Operators must wear suitable protective gloves when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS/EXPOSED SKIN before eating and drinking/smoking/after work.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

ENVIRONMENTAL PROTECTION

Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower.

Do not use where bees are actively foraging.

Do not apply when flowering weeds are present.

RISK TO NON-TARGET INSECTS OR OTHER ARTHROPODS. See Directions for use.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 30 m of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme.

Before each spraying operation from a broadcast air-assisted sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years

STORAGE AND DISPOSAL

KEEP AWAY FROM FOOD DRINK AND ANIMAL FEEDING STUFFS

KEEP OUT OF REACH OF CHILDREN

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

DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE

Approval holder:

FMC Agro Limited. Rectors Lane, Pentre, Flintshire, CH5 2DH

Marketing company:
 FMC Agro Limited. Rectors Lane, Pentre, Flintshire, CH5 2DH
 Tel: (01438) 734450
 Email: Flintshire.enquiry@fmc.com
 Technical Helpline: 01423 205011

Emergency No.s - Medical Incidents Involving Crop Protection Products: England & Wales: 111, Scotland: 08454 24 24 24, Northern Ireland: Local GP or Pharmacist, Republic of Ireland: 01 837 9964.

Healthcare professionals seeking poisons information: www.toxbase.org.

Emergency No.s - Transportation, Warehousing & After Sale Incidents: CHEMTREC help centre
 Dialling from the UK and NI: 0870 820 0418, Dialling from Ireland: 01 901 4670

Contents: 1 to 5 litres



Warning

May cause an allergic skin reaction.

Very toxic to aquatic life with long lasting effects.

Avoid breathing spray

Contaminated work clothing should not be allowed out of the workplace

If skin irritation or rash occurs: Get medical attention

Wash contaminated clothing before reuse

Collect spillage

Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

Contains 1,2-Benzisothiazolin-3-one. (Proxel GXL). May cause allergic reactions

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

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL INSECTICIDE

| Crops | Max. Individual dose (L/ha) | Max. number of treatments per year | Latest time of application |
|---|-----------------------------|------------------------------------|----------------------------|
| Cherry (outdoor, including under rain covers) | 0.75 | 2 | 7 days pre-harvest |

Other Specific Restrictions

Applications must be made in a minimum water volume of 1000 l/ha.

A maximum in use concentration of 7.5 g a.i./hL must not be exceeded.

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

- EXIREL 10SE must not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.
- Good agricultural practice advises that EXIREL 10SE should be used when bees are less active *i.e.* early morning or late evening.
- **The best available application technique, which minimises off-target drift should be used to reduce effects on non-target insects or other arthropods.**

INSECT CONTROL

EXIREL 10SE is a Group 28 anthranilic insecticide used for control of certain chewing and sucking insect pests in the listed crops. Activity is by ingestion and contact. Paralysis of the pest occurs within a few hours of exposure and results in cessation of movement and feeding. Final control can take 3-6 days.

EXIREL 10SE may be used as part of an Integrated Pest Management (IPM) program, which can include biological, cultural, and genetic practices, aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, rotation of insecticides with different modes-of-action, and treating when target pest populations reach locally determined action thresholds. Consult your crop adviser to determine appropriate action treatment threshold levels for treating specific pest/crop or site systems in your area.

RESISTANCE

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 or mixing products having different modes of action. Tank-mixtures with other effective insecticides for the target pests may also be recommended. For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at (<http://www.irc-online.org>).

EXIREL 10SE is an IRAC Group 28 Insecticide (ryanodine receptor modulator - diamide). Repeated and exclusive use of EXIREL 10SE 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, this product may be used as part of resistant 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 or area agricultural authorities for details and follow the recommended IRAC guidance for use of ryanodine receptor modulator – diamide insecticides (<http://www.irc-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.
- Make no more than 2 applications of Group 28 products per generation to the same insect species on a crop. 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).
- Avoid using less than the labelled rates of EXIREL 10SE

- 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 supplier or agricultural advisor for the best alternate method of control for your area.

TIMING

Apply at early stages of pest infestation, typically and depending on the pest species, at egg laying to when the first larvae are present.

MIXING

Before using EXIREL 10SE, make sure that the spraying equipment is clean. EXIREL 10SE mixes easily with water, but the following mixing procedure should be followed: Quarter fill the spray tank with clean water, start the agitation and add the required quantity of EXIREL 10SE directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

RATES OF USE

| Crops | Pests | Rate (L/ha) | Usage |
|--------|---|-------------|--|
| Cherry | Spotted wing drosophila (<i>Drosophila suzukii</i>) | 0.75 | Apply in 1000-1200 L water/ha Make no more than two applications per season, at minimum 10 day interval. The minimum recommended application rate is 750 mL/ha, irrespective of the water volume used. |

SPRAY VOLUME

It is important that an adequate water volume is used to ensure complete coverage of the leaves. Where tree height and/or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme, for example PACE. However, if reducing the dose according to tree height or canopy density, do not use less than the minimum recommended rate for the crop. Consult your specialist advisor for further information. Further information on the PACE scheme is available from HDC, or see the HDC fact sheet available from HSE's website <http://www.pesticides.gov.uk/HDC.pdf>

SPRAY TANK CLEAN-OUT

Immediately after application, completely drain spray equipment. Thoroughly rinse sprayer and flush the hoses, boom and nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and strainers. Flush the entire system with clean water. Take all necessary safety precautions when cleaning equipment. Do not clean near wells or water sources. Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

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.

Effectiveness and crop safety of this product has not been assessed.

All other trademarks are duly acknowledged

Insert MSDS here

