Use: For the control of insect pests in oilseed rape, winter and spring wheat and barley, cabbage, Brussels sprouts, cauliflower, broccoli, calabrese and kale, peas and field beans.

Formulation: An emulsifiable concentrate containing 100 g/l (10.9%) alphacypermethrin.

Pack Size: 1 litre in outers of 10.

LERAP: Category A (see Appendix 12 for further information).

Recommended Crops:  

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>See Section No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter oilseed rape:</td>
<td>2.1, 2.2</td>
</tr>
<tr>
<td>Spring oilseed rape:</td>
<td>2.2, 2.3</td>
</tr>
<tr>
<td>Wheat and Barley:</td>
<td>2.4</td>
</tr>
<tr>
<td>Cabbage, Brussels sprouts, cauliflower, broccoli, calabrese and kale:</td>
<td>2.5</td>
</tr>
<tr>
<td>Combining peas and vining peas:</td>
<td>2.6</td>
</tr>
<tr>
<td>Field and broad beans:</td>
<td>2.7</td>
</tr>
</tbody>
</table>

Recommended Rates:  

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oilseed rape:</td>
<td>100ml or 200 ml</td>
</tr>
<tr>
<td>Wheat and barley:</td>
<td>150 ml</td>
</tr>
<tr>
<td>Cabbage, Brussels sprouts, cauliflower, broccoli, calabrese and kale:</td>
<td>75 or 100 ml</td>
</tr>
<tr>
<td>Peas:</td>
<td>100 or 150 ml</td>
</tr>
<tr>
<td>Field and Broad beans:</td>
<td>150 ml</td>
</tr>
</tbody>
</table>

Water Volume: Not less than 200 litres per hectare.

Spray Quality: MEDIUM

Latest Time of Application:  

<table>
<thead>
<tr>
<th>Crop Type</th>
<th>Time of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oilseed rape:</td>
<td>Before the end of flowering stage.</td>
</tr>
<tr>
<td>Wheat and barley:</td>
<td>Up to and including 31 March in the year of harvest. Summer application: before early dough stage.</td>
</tr>
<tr>
<td>Cabbage, Brussels sprouts, cauliflower, broccoli, calabrese and kale:</td>
<td>Seven days before harvest.</td>
</tr>
<tr>
<td>Vining peas:</td>
<td>One day before harvest.</td>
</tr>
<tr>
<td>Combining Peas:</td>
<td>Eleven days before harvest.</td>
</tr>
<tr>
<td>Field and Broad beans:</td>
<td>Eleven days before harvest.</td>
</tr>
</tbody>
</table>

Processed Crops: Consult processors before use.

Major changes since last printing: None.

This product label is compliant with the CPA Voluntary Initiative Guidance
**Maximum Number of Applications:**

- **Winter oilseed rape:** Maximum total dose of 600 ml/ha with a maximum of 200 ml/ha after yellow bud stage.
- **Spring oilseed rape:** Maximum total dose of 400 ml/ha with a maximum of 200 ml/ha after yellow bud stage.
- **Wheat and barley:** Maximum total dose of 400 ml/ha up to 31 March.
- **Winter/spring applications:** Maximum 150 ml/ha between 1 January and 31 March.
- **Spring/summer applications:** Maximum 150 ml/ha between 1 April and 31 August.

- **Brassicas:** 4 per crop.
- **Vining and combining peas:** 3 per crop.
- **Field and Broad beans:** 2 per crop.

**Aerial Application:** No

**Compatibility:** For details of compatibilities contact your distributor, local BASF representative, the BASF Technical Services Hotline: 0845 602 2553 or visit our website on: [www.agriCentre.basf.co.uk](http://www.agriCentre.basf.co.uk)

**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.

Alert is a contact and stomach acting insecticide with residual foliar activity.

1. **RESTRICTIONS/WARNINGS**

   Damage may result unless all recommendations are carefully carried out.

   **DO NOT** use less than the minimum volume of water specified.

   Reduced volume spraying must not be used on wheat and barley after 31 March in the year of harvest.

   This product must not be applied to a cereal crop if any product containing pyrethroid insecticide or dimethoate has been applied to that crop after the start of ear emergence (GS 51).

   It is recommended that as a matter of good practice, spraying in oilseed rape should be carried out in the late evening or early morning or in dull weather if at all possible and local beekeepers should be advised of the intention to spray and the chemical being used.

   **CONSULT PROCESSORS BEFORE USING ON CROPS FOR PROCESSING.**

2. **CROP SPECIFIC INFORMATION**

2.1 **Winter Oilseed Rape**

   **PESTS:** Cabbage Stem Flea Beetle and Rape Winter Stem Weevil. (Reduction of spread of Beet Western Yellows Virus).

   **Rate of Application:**
   100 ml/ha
**Time of Application**

Alert should be applied when adult cabbage stem flea beetle feeding damage is first seen on young rape plants. A second application should be made when larval damage is seen in the leaf petioles (normally one month later). In situations where no adult feeding damage is seen, the first application should be made when larval damage is first seen in the leaf petioles, followed by a second application one month later.†

**NOTE:** The use of Alert for the control of cabbage stem flea beetle will also control the adults and young larvae of rape winter stem weevil if these are present in the crop at the time of application. Applications of Alert at these timings will also reduce the spread of beet western yellowsvirus.

**PESTS:** Cabbage Seed Weevil and Brassica Pod Midge.

**Rate of Application**

200 ml/ha

**Time of Application**

Alert may be applied at any time during the flowering period when seed weevil numbers reach the threshold for spraying†. Best results are normally achieved when application coincides with the onset of peak adult activity. This often occurs between the 20 pod set stage and the end of flowering on the main raceme, i.e. 75% petal fall across the entire crop.

† Details of thresholds are available from ADAS or your specialist adviser.

### 2.2 Winter and Spring Oilseed Rape

A total of:

- 600 ml/ha/crop may be applied to winter oilseed rape.
- 400 ml/ha/crop may be applied to spring oilseed rape with a maximum of 200 ml/ha/crop to be applied after the yellow bud stage in both winter and spring oilseed rape.

**PESTS:** Pollen beetle

**Rate of Application**

100 ml/ha

**Time of Application**

Application should be made at the green to yellow bud stage, as soon as pest numbers reach the threshold† for spraying. A second application may be required 3-7 days later (the exact timing dependent on the speed of pest re-infestation and when the threshold is reached) within the green to yellow bud stage of the crop.

**PESTS:** Pollen Beetle and Cabbage Seed Weevil (mixed populations)

In spring oilseed rape, and in backward crops of winter oilseed rape, cabbage seed weevil may also be present at the yellow bud stage. In these situations control of both pollen beetle and cabbage seed weevil is required †. (See also separate sections on cabbage seed weevil).

**Rate of Application**

200 ml/ha

**Time of Application**

Application should be made at yellow bud, as soon as pest numbers reach the threshold for spraying†.

**NOTE:** The use of Alert for the control of pollen beetle and cabbage seed weevil will also give some reduction in the numbers of adults of cabbage stem weevil if these are present in the crop at the time of application.
2.3 Spring Oilseed Rape

PESTS: Cabbage Seed Weevil

**Rate of Application**
200 ml/ha

**Time of Application**
Apply when pest numbers reach the threshold† for spraying, normally from the yellow bud stage of the crop.

Application at yellow bud will also control pollen beetle (see separate section on pollen beetle). A further application may be necessary if continuing pest pressure causes the seed weevil threshold† to be reached during flowering on the main raceme, i.e. 75% petal fall across the entire crop.

It is recommended that as a matter of good practice, spraying in oilseed rape should be carried out in the late evening or early morning or in dull weather if at all possible and local beekeepers should be advised of the intention to spray and the chemical being used.

†Details of thresholds are available from ADAS or your specialist adviser.

2.4 Wheat and Barley

A total of 400 ml product/ha/crop may be applied to winter and spring wheat and barley up to and including 31 March in the year of harvest, with a maximum of 150 ml product/ha/crop applied between 1 January and 31 March in the year of harvest, with a latest time of application of before early dough stage.

PESTS: Cereal Aphids - autumn/winter (reduction of spread of barley yellow dwarf virus and control of yellow cereal fly)

**Rate of Application**
150 ml/ha

**Time of Application**

*High risk situations*

- e.g. crops drilled before the 3rd week of September, crops following grass or grassy stubbles, or crops in areas with a history of BYDV.
- The first application should be made when aphids are first seen in the crop (or by mid-October). A second application will be necessary at the end of aphid migration, which is normally at the end of October or beginning of November.
- Where conditions continue to favour prolonged aphid activity, e.g. mild winters, and where two applications of another insecticide have already been made in the autumn, one application of Alert can be made in December to March.

*Other situations*

- Apply in late October or early November to crops which have emerged by mid-October if aphids are found, or on ADAS warnings.
- NOTE: Alert applied in the autumn for aphid control will also give some control of yellow cereal fly if present in the crop.

PESTS: Cereal Aphids - summer

Reduced volume spraying must not be used for cereal aphid control in wheat and barley after 31 March in the year of harvest.

**Rate of Application**
150 ml/ha in 200 litres of water per hectare.

A single application may be made from 1 April to 31 August in any one summer.

**Time of Application**
Apply between the onset of flowering and the milky ripe stage (GS 61 to 73) when 66% or more heads are infested (equivalent to five aphids per ear) and
aphid numbers are increasing. (Details of thresholds are available from ADAS or your specialist adviser).
This product must not be applied to a cereal crop if any product containing pyrethroid insecticide or dimethoate has been applied to that crop after the start of ear emergence (GS 51).

2.5 *Cabbage; Brussels Sprouts; Cauliflower; Broccoli; Calabrese and Kale*

Maximum number of applications: 4

**PESTS: Flea Beetle**

**Rate of Application**
75 ml/ha

**Time of Application**
Apply as soon as pest attack is observed on seedling plants. Repeat if necessary.

**PESTS: Caterpillars**

**Rate of Application**
100 ml/ha

**Time of Application**
Apply when damage is first seen or as a preventative spray. Repeat if necessary.

2.6 *Combining and Vining Peas*

Maximum number of applications: 3

**PESTS: Pea and Bean Weevil**

**Rate of Application**
150 ml/ha.

**Time of Application**
Apply when severe damage by adults to growing point is being caused in the early growth stages of the crop. Under high pest pressure a repeat application may be required 2-3 weeks later.

**PESTS: Pea moth**

**Rate of Application**
100 ml/ha.

**Time of Application**
Apply according to ADAS/PGRO warnings or as indicated by pheromone traps. For further information consult your specialist advisor. On dry peas repeat 14 days later. If moth activity remains high a third application may be needed.

**PESTS: Pea Aphid**

**Rate of Application**
150 ml/ha.

**Time of Application**
For partial control apply according to current thresholds. Repeat if necessary, up to a maximum of three applications. Consult you specialist advisor for further details.
2.7 Field and Broad Beans

PESTS: Pea and Bean Weevil

Rate of Application
150 ml/ha.

Time of Application
Apply when severe damage by adults to growing point is being caused in the early growth stages of the crop. Under high pest pressure a repeat application may be required 2-3 weeks later.

3. MIXING AND SPRAYING

3.1 Water Volume
Alert should be applied in not less than 200 litres of water per hectare. In situations where increased coverage is required, for example in dense or thick foliage or when the pests are concealed, the volume of water should be increased to where sufficient coverage is obtained, up to a maximum of 500 litres per hectare.

3.2 Mixing
Fill the spray tank with clean water and agitate vigorously. Add the recommended quantity of Alert and apply without delay, maintaining continuous agitation until spraying is completed. If a tank-mix with another material is required, always add Alert to the tank first and ensure it is evenly dispersed through the tank before adding the second material.

4. CONTAINER AND STORAGE
Alert is supplied in 1 litre containers and should be kept dry and frostproof in a suitable pesticide store.
5. **SAFETY PRECAUTIONS**

**Operator protection**

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when opening container, diluting, mixing or transferring the chemical from one container to another, filling machine, adjusting apparatus after filling, washing out sprayer, container and equipment after use.

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

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

TAKE OFF IMMEDIATELY all contaminated clothing.

WHEN USING **DO NOT** EAT, DRINK OR SMOKE.

AFTER CONTACT WITH SKIN, WASH IMMEDIATELY with plenty of water.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

**DO NOT** BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before meals and after work.

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

**Environmental protection**

**DO NOT** CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

**DO NOT** ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres of the top of the bank of any static or flowing water body, or within 1 metre from the top of any ditch which is dry at the time of application. **DO NOT** ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 metre of the top of the bank of a static or flowing water body. Aim spray away from water. THIS PRODUCT IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.

**DO NOT** SPRAY cereals after 31st March in the year of harvest within 6m from the edge of the growing crop.

This product must not be applied to a cereal crop if any product containing a pyrethroid insecticide or dimethoate has been applied to that crop after the start of ear emergence (GS 51).

**Storage and disposal**

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN

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

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

**DO NOT** RE-USE CONTAINER for any purpose.
6. **DPD REGULATIONS (CHIP 3)**

Alert®

An emulsifiable concentrate containing 100 g/litre (10.9% w/w) alphacypermethrin.

**FLAMMABLE**

HARMFUL BY INHALATION
MAY CAUSE SENSITISATION BY SKIN CONTACT
HARMFUL: DANGER OF SERIOUS DAMAGE TO HEALTH
BY PROLONGED EXPOSURE IF SWALLOWED
VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE
LONG TERM ADVERSE EFFECTS IN THE AQUATIC
ENVIRONMENT
HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR
CRACKING

**HARMFUL**

KEEP OUT OF REACH OF CHILDREN
KEEP AWAY FROM FOOD, DRINK AND ANIMAL
FEEDINGSTUFFS
WHEN USING DO NOT EAT, DRINK OR SMOKE
DO NOT BREATHE SPRAY
AVOID CONTACT WITH SKIN
THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED
OF IN A SAFE WAY
WEAR SUITABLE GLOVES
IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK
MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL
WHERE POSSIBLE)
USE APPROPRIATE CONTAINMENT TO AVOID
ENVIRONMENTAL CONTAMINATION
IF SWALLOWED, DO NOT INDUCE VOMITING: SEEK
MEDICAL ADVICE IMMEDIATELY AND SHOW THIS
CONTAINER OR LABEL

In common with other synthetic pyrethroids, this product may
cause paresthesia

**DANGEROUS FOR THE ENVIRONMENT**

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

This product is approved under the Control of Pesticides Regulations 1986.
# IMPORTANT INFORMATION

**FOR USE ONLY AS AN AGRICULTURAL / HORTICULTURAL INSECTICIDE as directed below**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum Individual Dose (ml product/ha)</th>
<th>Maximum Total Dose / Maximum number of Treatments/Other Specific Restrictions</th>
<th>Latest Time of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter Oilseed Rape</td>
<td>200</td>
<td>A total of 600 ml product per hectare per crop may be applied to Winter Oilseed Rape with a maximum of 200 ml product per hectare per crop after yellow bud stage.</td>
<td>Before the end of flowering stage</td>
</tr>
<tr>
<td>Spring Oilseed Rape</td>
<td>200</td>
<td>A total of 400 ml product per hectare per crop may be applied to Spring Oilseed Rape with a maximum of 200 ml product per hectare per crop after yellow bud stage</td>
<td>Before the end of flowering stage</td>
</tr>
<tr>
<td>Wheat and Barley</td>
<td>(i) 150</td>
<td>A total of 400 ml product per hectare per crop may be spring applied to winter and spring wheat and barley up to and including 31 March in the year of harvest, with a maximum of 150 ml product per hectare per crop applied between 1 January and 31 March in the year of harvest.</td>
<td>(i) Up to and including 31 March in the year of harvest</td>
</tr>
<tr>
<td></td>
<td>AND/OR</td>
<td>A further single application of 150 ml product per hectare may also be applied between 1 April and 31 August in the year of harvest. Reduced volume spraying must not be used on wheat and barley after 31 March in the year of harvest.</td>
<td>(ii) Before early dough stage</td>
</tr>
<tr>
<td>Cabbage, Brussels sprouts, cauliflower, broccoli/ calabrese, kale</td>
<td>100</td>
<td>Four per crop</td>
<td>Seven days before harvest</td>
</tr>
<tr>
<td>Vining Pea</td>
<td>150</td>
<td>Three per crop</td>
<td>One day before harvest</td>
</tr>
<tr>
<td>Combining Pea</td>
<td>150</td>
<td>Three per crop</td>
<td>Eleven days before harvest</td>
</tr>
<tr>
<td>Broad Bean and Field Bean</td>
<td>150</td>
<td>Two per crop</td>
<td>Eleven days before harvest</td>
</tr>
</tbody>
</table>

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.

(MAPP No.13632)