Use: A contact and stomach acting insecticide for the control of insect pests in oilseed rape, cereals, peas and beans and brassicas.

Formulation: A water dispersible granule containing 150 g/kg alpha-cypermethrin.

Pack Size: 1 kg in outers of 10.

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

Recommended Crops: See Section No:

- Winter oilseed rape: 2.1, 2.2
- Spring oilseed rape: 2.2, 2.3
- Wheat and barley: 2.4
- Cabbage, Brussels sprouts, cauliflower, broccoli, calabrese and kale: 2.5
- Combining and vining peas: 2.6
- Field and broad beans: 2.7

Recommended Rates:

- Oilseed rape: 67 or 133 g/ha.
- Wheat and barley: 100 g/ha.
- Cabbage, Brussels sprouts, cauliflower, broccoli, calabrese and kale: 50 or 67 g/ha.
- Peas: 67 or 100 g/ha.
- Field and broad beans: 100 g/ha.

Water Volume: Not less than 200 litres per hectare.

Spray Quality: MEDIUM

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

Major changes since last printing: None.
Latest Time of Application:
Oilseed rape: Before the end of flowering.
Wheat and barley: Autumn/Spring applications: before 1st April.
Summer application: before early dough stage.
Cabbage, Brussels sprouts, cauliflower, broccoli, calabrese and kale: Seven days before harvest.
Vining peas: One day before harvest.
Combining peas, field beans, broad beans: Eleven days before harvest.

Note: DO NOT apply 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).

Processed Crops: Consult processors before use.

Maximum Number of Applications:
Winter oilseed rape: Maximum total dose of 400 g/ha with a maximum of 133 g/ha after yellow bud stage.
Spring oilseed rape: Maximum total dose of 265 g/ha with a maximum of 133 g/ha after yellow bud stage.
Cereals: Maximum total dose of 265 g/ha up to 31 March.
Winter/spring applications: maximum 100 g/ha between 1 January and 31 March.
Spring/summer applications: maximum 100 g/ha between 1 April and 31 August.
Brassicas: 4 per crop.
Combining and vining peas: 3 per crop.
Field beans and broad beans: 2 per crop.

Aerial Application: No

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.

Contest 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 for cereal aphid control in wheat and barley after 31 March in the year of harvest.
DO NOT apply to cereals if any product containing a 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
67 g/ha

Time of Application
Contest 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 Contest 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 Contest at these timings will also reduce the spread of Beet Western Yellows Virus.

PESTS: Cabbage Seed Weevil and Brassica Pod Midge.

Rate of Application
133 g/ha

Time of Application
Contest 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 maximum total dose of 400 g/ha/crop may be applied to Winter Oilseed Rape. 265 g/ha/crop may be applied to Spring Oilseed Rape with a maximum of 133 g/ha/crop to be applied after the yellow bud stage in both Winter and Spring Oilseed Rape.

PESTS: Pollen beetle

Rate of Application
67 g/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
133 g/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 Contest for the control of Pollen Beetle and Cabbage Seed Weevil will also give some reduction in the numbers of adult 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
133 g/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 (between the 20 pod set stage and the end of 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

The maximum total dose for autumn and spring application (up to 31 March) to wheat and barley is 265 g/ha/crop with a maximum of 100 g/ha/crop applied between 1 January and 31 March in the year of harvest. This may be followed by a single summer application of 100 g/ha/crop between 1 April and 31 August 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
100 g/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 Contest 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: Contest 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
100 g/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 a 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
50 g/ha

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

PESTS: Caterpillars

Rate of Application
67 g/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
100 g/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
67 g/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
100 g/ha

Time of Application
For partial control apply according to current thresholds. Repeat if necessary, up to a maximum of three applications. Consult your specialist advisor for further details.

2.7 Field and Broad Beans

PESTS: Pea and Bean Weevil

Rate of Application
100 g/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
Contest 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.

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

3.2 Mixing
Quarter fill the spray tank with clean water and begin agitation. Add the recommended quantity of Contest and complete filling. Continue agitation until spraying is complete. Apply without delay maintaining continuous agitation until spraying is complete. If a tank-mix with another material is required, always add Contest to the tank first and ensure it is evenly dispersed through the tank before adding the second material.

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

Operator protection
AFTER CONTACT WITH SKIN, WASH IMMEDIATELY with plenty of water.
WASH HANDS AND EXPOSED SKIN before meals and after work.

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 6 m 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 OUT OF REACH OF CHILDREN.
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.
KEEP DRY.
PROTECT FROM FROST.
6. DPD REGULATIONS (CHIP 3)

**Contest®**

A water dispersible granule containing 150 g/kg (15% w/w) alpha-cypermethrin.

<table>
<thead>
<tr>
<th>HARMFUL IF SWALLOWED.</th>
</tr>
</thead>
<tbody>
<tr>
<td>HARMFUL: DANGER OF SERIOUS DAMAGE TO HEALTH</td>
</tr>
<tr>
<td>BY PROLONGED EXPOSURE IF SWALLOWED</td>
</tr>
<tr>
<td>VERY TOXIC TO AQUATIC ORGANISMS, MAY CAUSE</td>
</tr>
<tr>
<td>LONG TERM ADVERSE EFFECTS IN THE AQUATIC</td>
</tr>
<tr>
<td>ENVIRONMENT.</td>
</tr>
</tbody>
</table>

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

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

THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.

IF SWALLOWED, seek medical advice immediately and show this container or label.

USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.

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

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 INSECTICIDE** as directed below

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum Individual Dose</th>
<th>Maximum Total Dose/Maximum number of Treatments per Crop/Other Specific Restrictions</th>
<th>Latest Time of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter Oilseed Rape</td>
<td>133 g/ha</td>
<td>A maximum total dose of 400 g product per hectare per crop may be applied to Winter Oilseed Rape with a maximum of 133 g product per hectare per crop after yellow bud stage.</td>
<td>Before the end of flowering</td>
</tr>
<tr>
<td>Spring Oilseed Rape</td>
<td>133 g/ha</td>
<td>A maximum total dose of 265 g product per hectare per crop may be applied to Spring Oilseed Rape with a maximum of 133 g product per hectare per crop after the yellow bud stage.</td>
<td>Before the end of flowering</td>
</tr>
<tr>
<td>Wheat and Barley</td>
<td>100 g/ha</td>
<td>A maximum total dose of 265 g product per hectare per 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 100 g product per hectare per crop applied between 1 January and 31 March in the year of harvest. A further single application of 100 g 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>Before early dough stage</td>
</tr>
<tr>
<td>Cabbage, Brussels sprouts, cauliflower, broccoli/cabarrese, kale</td>
<td>67 g/ha</td>
<td>4 per crop</td>
<td>7 days before harvest</td>
</tr>
<tr>
<td>Vining Pea</td>
<td>100 g/ha</td>
<td>3 per crop</td>
<td>1 day before harvest</td>
</tr>
<tr>
<td>Combining Pea</td>
<td>100 g/ha</td>
<td>3 per crop</td>
<td>11 days before harvest</td>
</tr>
<tr>
<td>Broad Bean and Field Bean</td>
<td>100 g/ha</td>
<td>2 per crop</td>
<td>11 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. 10216)