

CARNADINE

GROUP

4A

INSECTICIDE



PCS No.06758

A Soluble Concentrate containing 200 g/L (20% w/w) acetamiprid
An insecticide for the control of insects in oilseed rape, wheat, barley, triticale and rye

IMPORTANT INFORMATION FOR USE ONLY AS A PROFESSIONAL INSECTICIDE

Crop	Maximum Individual Dose (L product/ha)	Maximum Number of applications	Latest time of application
Barley (Spring)	0.15	1 per crop	BBCH 69 (Anthesis complete) 28 days before harvest
Wheat (Winter), Barley (Winter), Triticale (Winter), Rye (Winter)	0.15	1 per crop	BBCH 75 (medium milk) 28 days before harvest
Winter Oilseed Rape	0.2	1 per crop	BBCH 59 (Flower buds closed with first petals visible) 28 days before harvest

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.

Other Specific restrictions:

- Product must only be applied by horizontal boom sprayer fitted with 90° drift reducing nozzles
- In spring barley, applications must take place between March and July after the crop has reached at least GS 30
- Dangerous to bees. To protect bees and other pollinating insects, do not apply to flowering crops. Do not use in areas where bees are actively foraging

Method of application: Tractor mounted/trailed horizontal boom sprayer

Specific pests controlled:

Spring Barley and winter cereals: Control of grain aphids (*Rhopalosiphum padi*, *Sitobion avenae*)

Winter oilseed rape: Control of rape stem weevil, cabbage stem weevil, pollen beetle, cabbage stem flea beetle

Safety Information

WARNING

Harmful if swallowed.
Suspected of damaging fertility or the unborn child.
Very toxic to aquatic life with long lasting effects.

If medical advice is needed, have product container or label at hand.

Keep out of the reach of children.

After use wash thoroughly.

Do not eat, drink or smoke when using.

Wear protective gloves and protective clothing.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

If exposed or concerned: Get medical advice/attention.

Collect spillage.

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

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



PCS No.06758

UFI: FW7G-49HT-SJAR-K9V6

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PROTECT FROM FROST
SHAKE THOROUGHLY BEFORE USE

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PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

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 gloves and suitable respiratory protective equipment*.

*Disposable filtering facepiece respirator to at least EN149 FFP2 or equivalent.

Operators must wear suitable protective gloves when handling the concentrate.

WHEN USING DO NOT EAT, DRINK OR SMOKE

Environmental protection:

To protect non target insects/arthropods respect an unsprayed buffer zone of 5m to non-crop land and hedgerows.

HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH 90% DRIFT REDUCTION TECHNOLOGY.

DO NOT CONTAMINATE water with this product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

Storage and disposal:

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

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 CONTAINERS for any purpose.

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.

GENERAL INFORMATION

WARNING

To protect non target insects/arthropods respect an unsprayed buffer zone of 5 m to non-crop land. The horizontal boom sprayers must be fitted with 90% drift reduction technology or better.

This product must not be applied to blossoming plants or plants visited by bees. This also applies to pest weeds.

RESISTANCE

Acetamiprid is classified as an IRAC group 4A insecticide.

Use no more than one application of acetamiprid on any crop.

Total reliance on one pesticide will hasten the development of resistance. Pesticides of different chemical types or alternative control measures should be included in the planned programme. Alternating insecticides with different modes of action is a recognised anti-resistance strategy and CARNADINE should always be used in conjunction with other insecticides of a different mode of action.

- Use products at recommended doses and spray intervals
- Follow label recommendations
- Apply only under appropriate weather and soil conditions
- Follow good agricultural practices
- Avoid accumulation of pest populations in-field
- Monitor pest populations in order to detect first shifts in sensitivity

CROP SPECIFIC INFORMATION

SPRING BARLEY

Application Timing

CARNADINE may be applied Between GS30 (Stem elongation) – GS69 (Anthesis complete).

Application Rate:

Apply at a rate of 0.15 L product/ha

Target Species

CARNADINE may be used for control of Bird cherry oat aphid (*Rhopalosiphum padi*) and English grain aphid (*Sitobion avenae*).

Method of application

Foliar spray using 90% drift reducing nozzles.

Water volume:

Apply in 200 to 400 litres of water per hectare.

WINTER WHEAT, WINTER BARLEY, WINTER TRITICALE, WINTER RYE

Application Timing

CARNADINE may be applied between GS21 (Main shoot and 1 tiller) to GS75 (medium milk).

Application Rate:

Apply at a rate of 0.15 L product/ha.

Target Species

CARNADINE may be used in for control of Bird cherry oat aphid (*Rhopalosiphum padi*) and English grain aphid (*Sitobion avenae*).

Method of application

Foliar spray using 90% drift reducing nozzles.

Water volume:

Apply in 200 to 400 litres of water per hectare.

WINTER OILSEED RAPE

Application Timing

Autumn Application: CARNADINE may be applied between August and November when plants are between the 1 and 9 leaf stages (GS11-19).

Spring Application: CARNADINE may be applied between April and June when plants are between GS 31 (1st visibly stretched internode) and GS59 (First petals visible, flower buds still enclosed "yellow bud").

DO NOT APPLY DURING FLOWERING

Apply at a rate of 0.20 L product/ha.

Application Rate:

Target Species

Autumn Application: For control of Cabbage stem flea beetle (*Psylliodes chrysocephala*) and Peach potato aphid (*Myzus persicae*).

Spring Application: For control of Common pollen beetle (*Meligethes aeneus*) and Rape winter stem weevil (*Ceutorhynchus picipitarsis*).

Method of application

Foliar spray using 90% drift reducing nozzles

Water volume:

Apply in 200-400 litres of water per hectare.

MIXING

Half-fill the spray tank with clean water and begin agitation. Add the required quantity of CARNADINE to the water. Rinse the empty container thoroughly with water and add the rinsings to the tank. Complete filling and apply without delay. Maintain agitation while travelling and throughout the spraying operation.

Wash out the sprayer thoroughly after use using a recognised tank cleaner and rinse with clean water 3 times.

COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 2011. It provides additional advice on use of the product.

ACKNOWLEDGEMENTS

CARNADINE® is a registered trademark.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but (as we cannot exercise any control over their mixing or use) all conditions and warranties, statutory or otherwise, as to the quality and fitness for any purpose of our goods are excluded, except in so far as such exclusion is prevented by law, and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at users risk.

To access the Safety Data Sheet for this product scan the QR code or refer to the Nufarm website at <https://www2.nufarm.com/uk/>

