BRASSICA CROPS (CABBAGE, CAULIFLOWERS, BROCCOLI, CALABRESE AND BRUSSELS SPROUTS)

PLENUM WG is recommended for use in a range of vegetable brassica crops as detailed above.

Timing

PLENUM WG works best to prevent the build up of aphids and should be applied as soon as aphids are seen in the crop. PLENUM WG needs to be taken up from the plant by the pest, contact activity is limited. To maximise efficacy PLENUM WG should be used with suitable seed oil or methylated seed oil derivative adjuvant. The use of PLENUM WG alone may result in lower and variable levels of control. A minimum interval of 10 days must be observed between applications.

Rates of Use

Maximum individual dose: 0.4 kg PLENUM WG per hectare
Maximum number of treatments: 3 per crop
Harvest Interval

Do not harvest brassica crops for at least 14 days after use.

Mixing and Spraying

Dry Mixing - Sprayers with Induction Hoppers

Fill sprayer to 15% of tank capacity with water and start agitation. Pour PLENUM WG into the induction hopper and open valve in bottom of hopper. As soon as product induction continues, carry on adding PLENUM WG until loading is complete. Wash down any granules on the hopper wall with soap and water. Note for old sprayers with indirect venturi loading is complete. Wash down any granules on the hopper wall and close valve.

WINTER OILSEED RAPE: Turnip Yellows Virus (Myzus persicae)

Timing

Apply as soon as aphids can be found in the crop. Application made in late autumn, i.e. from GS 30 onwards. PLENUM WG is recommended for the induction hopper and open valve in bottom of hopper. As soon as product induction continues, carry on adding PLENUMWG until loading is complete. Wash down any granules on the hopper wall with soap and water.

Note for old sprayers with indirect venturi loading is complete. Wash down any granules on the hopper wall and close valve.

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Mixing and Spraying

Apply in 200–600 litres water per hectare as a medium to fine spray. Obtain good coverage of the crop to optimise best control. This is particularly important in winter and spring oilseed rape where good contact activity is essential. For use on vegetable brassica crops always use PLENUM WG in combination with a seed oil or methylated seed oil derivative adjuvant (minimum content 90% w/w) that has an Official List Entry/ies which permit(s) use with this pesticide product and via a suitable hydraulic sprayer. The adjuvant should be added at a concentration between 0.5 and 0.625% (500 to 625 ml/100 L spray mixture).

Please refer to Adama literature for any new and/or unusual growing conditions.ädama does not assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for your crops and the recommended mixing methods or for new varieties not listed on this label.

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To access the Safety Data Sheet for this product scan the QR code or use the weblink: https://bit.ly/2N7qwnU

MAPP 18543 PCS 0228

Disclaimer/Conditions of Supply

The specified properties of our products and the mode of application stated on this label have been established in the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility is accepted by us or any person or agency on our behalf for any failure in performance, damage or injury to person or property whatever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for your crops and the recommended mixing methods or for new varieties not listed on this label.

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

If exposed or concerned, get medical advice/attention. 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.

Keep out of reach of children. Do not eat, drink or smoke when using this product.

To access the Safety Data Sheet for this product scan the QR code or use the weblink: https://bit.ly/2N7qwnU - Alternatively, contact your supplier.

Adama does not advise or assist in or make recommendations concerning the use of such products.
SAFETY PRECAUTIONS

Operator Protection

(UK only): Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment. WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate and contaminated surfaces. WEAR SUITABLE PROTECTIVE CLOTHING (IMPERVIOUS COVERALLS) AND SUITABLE PROTECTIVE GLOVES when applying by hand-held equipment. (UK only): However, if engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection. WASH HANDS before meals and after work.

Environmental protection

Do not contaminate water with the product or its container. Do not apply to clean equipment near surface water. AVOID contamination via drains from farmyards and roads.

Applying the concentrate

RINSE HANDS thoroughly before eating or smoking. Avoid skin contact and inhaling the concentrate or its container. Do not chew gum. Close eyes immediately if concentrate gets into eyes. Do not enter foodstuff premises

General safety precautions

When applying the concentrate:

READ THE LABEL BEFORE USE. USING THIS PRODUCT

FOR USING PLANT PROTECTION PRODUCTS.

READ THE LABEL BEFORE USE.

DANGEROUS TO BEES. To protect bees and other pollinating insects, do not apply to crop or plant where bees are actively foraging. Do not apply when flowering weeds are present.

Keep in original container, tightly closed, in a safe place. KEEP CONTAINER COMPLETELY and dispose of safely.

Evidence from trials on aphids and commercial practice has shown that there are two sequential applications of PLENUM WG provide optimum efficacy against aphids. Only make sequential applications where aphids pressure justifies this approach. After two applications of PLENUM WG, operators must switch to a product with a different mode of action.

RESISTANCE MANAGEMENT

The control of aphids and pollen beetles may be reduced if strains resistant to PLENUM WG. To prevent the development of resistance in aphids, PLENUM WG (containing pymetrozine) should be used cautiously as part of the rotation. A minimum interval of two treatments should be made in sequence. Alternates with a different mode of action, and consider the use in IPM programmes. Always follow label recommendations on dose, water volumes and spray timing, in order to minimise the selection of resistant strains. If possible cultural methods of aphid control should be combined with selective use of insecticides.

Currently there is no known resistance to pymetrozine in the UK pollen beetle population. Growers should consult the IRAG website and HOCa advice for further information on the current resistance management and control of pollen beetle in OR. In particular, refer to advice on the use of pymetrozine or another non-pyrethroid insecticide where beetles survive pollination treatment. Spray only where bee numbers exceed the appropriate current threshold. Inspect crops in the honeycomb and midf, for aphid control use a suitable aphicide depending on past pests present; consult agronomist.

CROP SPECIFIC INFORMATION

PLENUM WG is recommended for use in early, maincrop, and seed potatoes. Timing: Apply as soon as aphids are seen in the crop and repeat as necessary. A minimum interval of 7 days must be observed between applications. To prevent the spread of persistent viruses such as potato leaf roll virus, apply from 90% crop emergence. Rates of Use

Maximum individual dose: 0.3 kg PLENUM WG per hectare

Maximum number of treatments: 3 per crop

Seed crops 3 per crop

Harvest Interval

Do not harvest potatoes at least 7 days after application of PLENUM WG.