

KIBERA



MAPP 20760

GROUP 29 INSECTICIDE

An aphicide for the control of aphids in potatoes, vining pea, winter wheat, spring barley, spring oats, triticale, rye and cabbage; for the control of aphids and whitefly in sugar beet, fodder beet, oilseed rape (winter) and reduction of whitefly in Brussels sprout and cabbage.

KIBERA is a water dispersible granule containing 500 g/kg flonicamid.

Safety Data Sheet for this product
scan the QR code or use the weblink:
https://links.jtcrop.net/UK_Kibera
Alternatively, contact your supplier.



Warning

UFI: WYY2-G06E-K004-FPDV

Causes serious eye irritation.

Wash hands, forearms and face thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

Contains disodium maleate (CAS 371-47-1). May produce an allergic reaction.

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



Net contents
2 kg e

PROTECT FROM FROST

Distributor: **Crophetics Ltd**
Lees Mill Lane, Huddersfield, HD7 5QE
Telephone: 01484 848885
www.jtcrop.com | info@jtcrop.com

Authorisation Holder:
JT Agro Ltd



05/25

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IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL INSECTICIDE

Crops	Maximum individual dose	Maximum number of treatments	Maximum total dose	Latest time of application
Potato	0.16 kg/ha	2	0.32 kg/ha	14 days before harvest
Winter wheat ¹	0.14 kg/ha	2	0.28 kg/ha	28 days before harvest
Fodder beet, sugar beet	0.14 kg/ha	1	0.14 kg/ha	60 days before harvest
Oilseed rape (winter)	0.1 kg/ha	1	0.1 kg/ha	Eight true leaves unfolded (BBCH 18)
Brussels sprout, cabbage	0.14 kg/ha	2	0.28 kg/ha	14 days before harvest
Vining pea	0.14 kg/ha	1	0.14 kg/ha	14 days before harvest
Spring barley, spring oats, triticale, rye	0.14 kg/ha	1	0.14 kg/ha	BBCH 77

¹The earliest timing of application for KIBERA on winter wheat is 50% of ear emerged stage (BBCH 53).

Other specific restrictions

A minimum of 21 days must be observed between applications on potato, cabbage, Brussels sprout and winter wheat.

Fodder beet must not be grazed by livestock or harvested for animal consumption until at least 60 days following the latest application.

This product must not be applied in a tank-mix with oil based adjuvants when used on ware potato.

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.

THE (COSH) CONTROL OF SUBSTANCE 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:
WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the product.
WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

However, engineering controls may replace personal, protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.
WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental Protection

DO NOT CONTAMINATE WATER with the product or its container. (Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads).
DANGEROUS TO BEES. To protect bees and pollinating insects do not apply to plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present.

Storage and Disposal

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place/under lock and key/away from damp/sources of heat.

EMPTY CONTAINER COMPLETELY and dispose of safely.

IMPORTANT

- ONCE MIXED, DO NOT ALLOW THE PRODUCT TO STAND OVERNIGHT.
- Ensure that the spraying equipment and especially nozzles have been thoroughly cleaned before starting spraying, in particular when equipment has been used for other purposes and on other crops.

Spraying equipment should be calibrated prior to use to ensure accurate dosing.

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.

KIBERA is a selective aphicide with activity against the specified aphid species on potatoes, vining pea, winter wheat, spring barley, spring oats, triticale, rye, Brussels sprout, cabbage, sugar beet, fodder beet and oilseed rape (winter).

CROP SPECIFIC INFORMATION

Application

IMPORTANT – PRODUCT MEASUREMENT

As KIBERA is applied at a very low dose rate, it is important to accurately weigh the required amount of product for each spray operation in order to ensure application of the correct dose.

**CONSULT PROCESSOR BEFORE USE ON
VINING PEAS, CABBAGE OR BRUSSELS
SPROUT FOR PROCESSING.**

Potato

Aphids controlled: *Macrosiphum euphorbiae*, *Myzus persicae*, *Aphis nasturtii*.

Target the first application against aphids when warning systems forecast significant aphid infestations.

Rate: The application rate of KIBERA is 0.16 kg/ha
Maximum total dose is 0.32 kg/ha

Water volume: 200 to 500 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 2 per crop.

Pre-harvest interval: The last spray should not be applied later than 14 days before harvest.

Do not use oil based adjuvants in a tank-mix when applying to ware potatoes.

Cabbage

Pests controlled: Aphid species. A reduction in numbers of whitefly will be achieved. Target the first application when warning systems forecast significant aphid or whitefly infestations. Crops can be treated from the 2 to 3 leaf stage.

Rate: The application rate of KIBERA is 0.14 kg/ha
Maximum total dose is 0.28 kg/ha

Water volume: 200 to 300 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days. The maximum number of applications is 2 per crop with an interval of 21 days between applications.

Pre-harvest interval: The last spray should not be applied later than 14 days before harvest.

Vining peas

Aphids: Moderate control of the aphid species *Myzus persicae*, *Aphis fabae*, *Acyrtosiphon pisum* will be achieved.

Target the application at arrival of aphids in Spring or when warning systems forecast significant aphid infestation. Applications can be made from the 6 to 8 leaf stage up to the pre-harvest interval.

Rate: The application rate of KIBERA is 0.14 kg/ha

Water volume: 200 to 400 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 1 per crop.

Pre-harvest interval: The spray should not be applied later than 14 days before harvest.

Winter wheat

Control of aphids attacking the ears; *Macrosiphum avenae*, *Metopolophium dirhodum* and *Rhopalosiphum padi*.

Target the first application against aphids when warning systems forecast significant aphid infestation, or when the economic threshold is reached. Do not apply KIBERA before BBCH 53.

Rate: The application rate of KIBERA is 0.14 kg/ha.
Maximum total dose is 0.28 kg/ha

Water volume: 200 to 500 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 2 per crop.

Pre-harvest interval: The last spray should not be applied later than 28 days before harvest.

Spring barley

Spring/summer application

Control of aphids; (*Macrosiphum avenae*, *Metopolophium dirhodum* and *Rhopalosiphum padi*).

Target the first application against aphids when warning systems forecast significant aphid infestation, or when the economic threshold is reached.

Applications can be made from the flag leaf stage (BBCH 39) up to the late milk (BBCH 77) stage of crop growth.

Rate: The application rate of KIBERA is 0.14 kg/ha

Water volume: 200 to 500 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 1 per crop.

Pre-harvest interval: The last spray should not be applied later than the late milk crop growth stage (BBCH 77).

Triticale, Rye and Spring Oats

Spring/summer application

Control of aphids; (*Macrosiphum avenae*, *Metopolophium dirhodum* and *Rhopalosiphum padi*).

Target the first application against aphids when warning systems forecast significant aphid infestation, or when the economic threshold is reached.

Applications can be made from the flag leaf stage (BBCH 39) up to the late milk (BBCH 77) stage of crop growth.

Rate: The application rate of KIBERA is 0.14 kg/ha

Water volume: 200 to 500 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 1 per crop.

Pre-harvest interval: The last spray should not be applied later than the late milk crop growth stage (BBCH 77).

Sugar beet

Control of virus-carrying aphids: Black bean aphid (*Aphis fabae*) and Peach potato aphid (*Myzus persicae*).

Target the application against aphids when warning systems forecast significant aphid infestation or when the economic threshold is reached.

Applications can be made from the two-leaf stage of the crop, generally May to June. For virus control, where thresholds indicate treatment is necessary, apply KIBERA to the earliest permissible growth stages of the crop, when they are the most susceptible.

Rate: The application rate of KIBERA is 0.14 kg/ha

Water volume: 200 to 500 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 1 per crop.

Fodder beet

Control of virus-carrying aphids: Black bean aphid (*Aphis fabae*) and Peach potato aphid (*Myzus persicae*).

Target the application against aphids when warning systems forecast significant aphid infestation or when the economic threshold is reached.

Applications can be made from the two-leaf stage of the crop, generally May to June.

Rate: The application rate of KIBERA is 0.14 kg/ha

Water volume: 200 to 500 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 1 per crop.

Oilseed Rape (Winter)

Autumn application

Control of aphids include virus-carrying aphids: Peach potato aphid (*Myzus persicae*).

Target the application against aphids when warning systems forecast significant aphid infestations or when the economic threshold is reached.

Applications can be made in the Autumn from the two-leaf stage of the crop.

Rate: The application rate of KIBERA is 0.1 kg/ha

Water volume: 200 to 300 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.

The maximum number of applications is 1 per crop.

Pre-harvest interval: The last spray should not be applied later than the 8 leaf stage of the crop in the Autumn.

QUALIFIED MINOR USE RECOMMENDATION

The following recommendation for use is based on limited efficacy data and users applying KIBERA do so at their own risk.

Brussels Sprout

Pests controlled: A reduction in numbers of whitefly will be achieved.

Target the application when warning systems forecast whitefly infestations.

Crops can be treated from the 2 to 3 leaf stage.

Rate: The application rate of KIBERA is 0.14 kg/ha

Water volume: 200 to 300 L/ha

Spray schedule: KIBERA has a persistence of up to 21 days.
The maximum number of applications is 2 per crop with an interval of 21 days between applications.

Pre-harvest interval: The last spray should not be applied later than 14 days before harvest.

RESISTANCE MANAGEMENT STRATEGY

Potato, cabbage, Brussels sprout and wheat: Do not apply more than 2 sprays of KIBERA per crop.

Vining peas, barley, oats, triticale, rye, sugar beet, fodder beet and oilseed rape (winter): Do not apply more than once per crop.

If further treatments are required, use at least one application of an insecticide having a different mode of action to KIBERA before applying further KIBERA.

KIBERA belongs to the IRAC mode of action group 29. Strains of some aphid species are resistant to many aphicides. Where aphids resistant to products containing flonicamid occur, KIBERA is unlikely to give satisfactory control. Repeat treatments are likely to result in lower levels of control.

KIBERA is a feeding inhibitor.

Do not make repeat applications of an insecticide from the same chemical sub-group (indicated by the IRAC MoA Group number) if it appears not to work at full rate and if the product has been applied correctly.

Integrate other control methods (chemical, cultural, biological) into insect control programs. For more information on insecticide resistance, consult the IRAC website: <http://www.irac-online.org/>

MIXING

Add a minimum of 50% of the required water into the spray tank and agitate when adding the required amount of KIBERA. Finally add the remainder of the required water volume. Keep the spray solution agitated until all product is applied. Never prepare more spray solution than required.

On emptying the container, RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely.

KIBERA should be applied evenly over the crop via tractor mounted or drawn boom or air assisted sprayer. Appropriate measures to avoid drift (follow appropriate wind speed guidelines) onto non-target crops or watercourses should be taken.

Do not use oil based adjuvants in a tank-mix when applying to ware potatoes.

STORAGE

Reduce or avoid exposure and/or contact with the product.

Keep container tightly closed.

Store unused product in a tightly closed, original container in a cool dry area, preferably a locked storage area. Store in such a manner as to prevent cross contamination. Keep away from food, drink and animal feeding stuffs, or any other material intended for consumption or use by humans or other animals. Do not store near a heat source of open flame.

Keep dry and frost proof in a suitable pesticide store between 0 and 32°C.

APPLICATION EQUIPMENT CLEANING PROCEDURE

Ensure that no or only a minimal quantity of product remains in the spraying tank after field application. Upon completion dilute the remainder of the spray solution with the tank cleaning water; do not spray these on the treated fields. Any spillage should be collected and be disposed in appropriate chemical waste. In no way should contamination of waterways or surface water be allowed to occur. Thoroughly wash out all equipment after use. For disposal of washings, follow appropriate procedures.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or after application, which may affect the performance of the goods, 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 or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.