

Adjuvant

biopower®

An agricultural/horticultural/industrial adjuvant for use with all authorised plant protection products in all edible crops, all edible crops (stubble), all non-edible crops, all non-edible crops (stubble) and non-crop production.

**A soluble concentrate formulation containing
276.5 g/L alkyl ether sulfates, sodium salts (EAC1).**

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

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**For 24 hour emergency
information contact
Bayer CropScience Ltd**

**Telephone:
0330 678 3382 (24 hr)**

National Poisons Information
Centre UK: 0344 892 0111
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ADJ 0617



biopower

UFI: YPF0-Q05X-000N-X8QE

A soluble concentrate formulation containing 276.5 g/L alkyl ether sulfates, sodium salts (EAC1).



WARNING

Causes skin irritation.

Causes serious eye irritation.

Harmful to aquatic life with long lasting effects.

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

IF exposed or concerned: Call a POISON CENTRE/doctor/physician.

Collect spillage.

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.

Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

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

SAFETY PRECAUTIONS

Operator protection

WEAR SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WASH CONCENTRATE from skin/eyes immediately.

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

AVOID ALL CONTACT BY MOUTH.

AVOID BREATHING SPRAY.

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

Environmental Protection

HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters and ditches with chemical or used container.

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 and dispose of safely.

DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL / HORTICULTURAL / INDUSTRIAL WETTING AGENT

Plant protection product	Crops
All authorised plant protection products at half or less than half the authorised plant protection product rate	All edible crops
All authorised plant protection products applied up to their full authorised rate	All non-edible crops, non-crop production and all non-edible crops (stubble), all edible crops (stubble)
All authorised plant protection products applied up to their full authorised rate, subject to the latest time of application listed below	Almond, apple and pear, apricot, cherry, peach and nectarine, plum, table grapes, wine grapes, strawberry, blackberry, raspberry, blackcurrant and redcurrant, potato, carrot, parsnip, turnip, swede, lettuce, rocket, spinach, broad bean (fresh), dwarf French bean, runner beans, edible podded pea, vining pea, leek, field bean, soya bean - (dry), combining pea, red beet, garlic, bulb onion, shallot, salad onion, aubergine, cucumber, melon, pepper and chilli, winter squash and pumpkin, tomato, sweetcorn, broccoli / calabrese, cauliflower, Brussels sprout, cabbage, oriental cabbages, collard, kale, linseed, oilseed rape, borage, soya bean, cereals, hops, sugar beet, forage maize, grain maize, fodder beet, mangel, beans without pods (dry), beans without pods (fresh)

Maximum concentration (% spray solution):	1.0
Maximum number of treatments:	Follow the statutory conditions of use of the plant protection product
Latest time of application:	Follow the statutory conditions of use of the plant protection product, and refer to the table under 'Directions for Use.'
Other specific restrictions:	Follow all operator protection instructions for the plant protection product. Where the personal protective equipment specified on the adjuvant label is different to that specified on the plant protection product label, the highest level of protective equipment must be worn.

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.

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.

biopower is an adjuvant for use with all authorised plant protection products in all edible crops, all edible crops (stubble), all non-edible crops, all non-edible crops (stubble) and non-crop production.

The maximum concentration of biopower in the spray solution is 1.0%. The quantity of biopower to add to different application volumes is as follows:

Application Volume (L/ha)	100	150	200	300
Required quantity of biopower (L)	1.0	1.5	2.0	3.0

Do not use biopower later than the crop growth stages listed below:

All non-edible crops (including ornamental plant production), all non-edible crops (stubble), all edible crops (stubble), non-crop production (including amenity vegetation, natural surfaces not intended to bear vegetation, permeable surfaces overlying soil, and industrial and amenity areas)

biopower may be used with all authorised plant protection products applied up to their full authorised rate at any time permitted by the statutory conditions of use of the plant protection product.

All edible crops

Where the plant protection product is used at half or less than half of the authorised rate, biopower may be used at any time permitted by the statutory conditions of use of the plant protection product.

biopower may be used at a maximum concentration of 1.0 % spray solution on the following crops, up to the growth stages specified, with all authorised plant protection products applied up to their full authorised rate.

CROP	LATEST TIME OF APPLICATION
Almond	Almond up to and including first fruit set
Apple and pear	up to and including fruit 5 – 10 mm
Apricot, cherry, peach and nectarine, plum	up to and including first fruit set
Table grapes, wine grapes	up to and including first fruit set
Strawberry	up to and including first fruit development
Blackberry	up to and including first fruit development
Raspberry	up to and including first fruit set
Blackcurrant and redcurrant	up to and including first visible green fruitlet
Potato	up to and including tuber initiation
Carrot, parsnip, turnip, swede	up to and including 9 true leaves unfolded
Lettuce	varieties forming heads: up to and including heads begin to form
Lettuce	varieties not forming heads: up to and including leaf rosette has reached 30% of the diameter typical for the variety
Rocket	up to and including 3rd true leaf unfolded
Spinach	leaf rosette has reached 30% of the expected diameter typical for the variety
Broad bean (fresh), dwarf French bean, runner beans, edible podded pea	up to and including first pod set
Vining pea	up to and including flat pod (non-edible pods only)
Leek	up to and including 9 leaves clearly visible
Field bean	up to and including first pod set
Soya bean - (dry)	end of flowering: first pods visible (approx 5 mm length) – BBCH 69-609
Combining pea	up to and including flat pod (non-edible pods only)

CROP	LATEST TIME OF APPLICATION
Red beet	up to and including six fully expanded leaves. Does not include beetroot grown for salad leaf use
Garlic, bulb onion, shallot, salad onion	up to and including 9 leaves clearly visible
Aubergine, cucumber, melon, pepper and chilli, winter squash and pumpkin	up to and including first fruit set
Tomato	up to and including first fruit set on first truss
Sweetcorn	up to and including tip of tassel visible
Broccoli / calabrese	up to and including heads begin to form; width of growing tip > 1 cm ²
Cauliflower	up to and including cauliflower heads begin to form; width of growing tip up to 1 cm ²
Brussels sprout	up to and including lateral buds begin to develop
Cabbage	up to and including heads begin to form
Oriental cabbages	varieties forming heads: up to and including heads begin to form
Oriental cabbages	varieties not forming heads: up to and including leaf rosette has reached 30% of the diameter typical for the variety
Collard, kale	main shoot has reached 30% of the expected height typical for the variety
Linseed	up to and including 10% capsules formed
Oilseed rape	up to and including 10% potential pods
Borage	beginning of ripening: seed green
Soya bean	end of flowering: first pods visible (approx 5 mm length) – BBCH 69-609
Cereals	up to and including GS 52 (1/4 inflorescence)
Hops	up to and including cone set
Sugar beet	up to and including 6 fully expanded leaves

CROP	LATEST TIME OF APPLICATION
Forage and grain maize	up to and including tip of tassel visible
Fodder beet, mangel	up to and including 6 fully expanded leaves
Beans without pods (dry)	Up to and including first pod set
Beans without pods (fresh)	Up to and including first pod set

Control of weeds, diseases, or insects is not obtained by using biopower alone. When using biopower with an authorised plant protection product, the statutory conditions of use of the plant protection product must be followed. Do not use biopower later than the growth stages indicated.

Shake well before use.

Store well away from seeds, fertilisers and animal feedingstuffs in a safe, dry place designated as an agrochemical store.

PROTECT FROM FROST.



To access the **Safety Data Sheet** for this product scan the code or use the link below:

<https://cropscience.bayer.co.uk/our-products/adjuvants/biopower>
or alternatively contact your supplier

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