Technical Data Sheet

CREZYMAX®BA WITH BA TECHNOLOGY

GENERAL INFORMATION

Category

Growth Regulator

Guarantee of Composition

	Content % w/v
Benzylaminopurine	20,000 ppm
c.s.p.c	100% (1 L)

Key feature

Crezymax®BA with BA technology is designed to stimulate cell division in flower buds, flowers, and young berries (blackberries, blueberries, and strawberries), promoting fruit growth and final size, as well as firmness. It should be used in the doses and crops recommended here.

Manufacturer / Formulator / Distributor

IQ Chemicals & Labs S.A. de C.V.
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Agroenzymas México S.A. de C.V.

Registration

RSCO-118/V/22

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MODE OF ACTION AND EFFICACY:

Crezymax®BA with **BA** technology has the following characteristics and mode of action:
Biological activity of the ingredient. Benzylaminopurine (BAP) is the aromatic adenine-type cytokinin hormone with the highest biological activity among natural cytokinins, ensuring consistent effects on fruit growth and size increase via cell division when applied during this process (from bud to small fruit).
Sustainable. The compound in **Crezymax® BA** is a natural ingredient, making it environmentally safe to use.
BA technology. Advanced formulation technology that allows the cytokinin BAP to have adequate penetration, translocation, and action for effective and consistent bioactivity.

METHOD OF APPLICATION:

Crezymax®BA with **BA** technology is designed to be applied via foliar spray on crops, focusing mainly on young organs (flower buds, flowers, and fruits in early growth). It is completely soluble in water, and it is recommended to dilute it in the amount of water necessary to achieve total coverage of the crop.
To prepare, fill the container to 50% of its capacity, add **Crezymax® BA**, and top up with the necessary amount of water.

SPECIAL PRECAUTIONS:

Crezymax®BA with **BA** technology is a growth regulator containing the cytokinin benzylaminopurine, which means it has a reduced waiting period in the crops mentioned and can be re-entered 24 hours after application. If applied in conjunction with other materials, check the waiting periods and re-entry times for these.

GENERAL RECOMMENDATIONS

To optimize the effectiveness of **Crezymax®BA** with **BA** technology on increasing the size of berries, it is important to consider:

- **Application stage.** Due to its cytokinin activity, **Crezymax®BA** with **BA** technology should be applied to organs undergoing rapid growth through cell division, such as buds, flowers, and young fruits.
- **Application frequency. Crezymax®BA** with **BA** technology can be applied as often as necessary, depending on the presence of flower buds, flowers, and fruits that are considered commercially important and whose growth you wish to stimulate through cell division. Depending on the crop, applications can be considered every 10-15 days or more during the fruit cell division stage.
- **Managed dose.** It is recommended to apply the recommended doses to achieve the desired biological effectiveness. It is not recommended to exceed or under-dose the recommended dose to achieve the desired effect.
- **Mixing with other agrochemicals.** It is recommended to mix **Crezymax®BA** with **BA** technology foliar fertilizers to stimulate adequate supply of elements during cell division stimulation. **Crezymax®BA** with **BA** technology can be mixed with all agrochemicals with valid registration. When mixed with other growth regulators, it is recommended to conduct small-scale biological effectiveness tests to detect unsatisfactory results. Do not mix **Crezymax®BA** with **BA** technology with other bioregulators.

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EFFECTS ON CROPS:

Crezymax®BA with **BA** technology regulates the following processes in plants through its cytokinin action:

- **Stimulates cell division.** The growth regulator contained in Crezymax BA (benzylaminopurine) is the most active natural cytokinin for stimulating cell division when applied to flower buds, flowers, and young fruits, thereby increasing fruit size.
- **Increase in fruit size.** Young organs that come into contact with Crezymax®BA with BA technology increase the cell division process, while at the same time stimulating the formation of cytokinins generated in the plant, thereby increasing this process and resulting in fruits that are more uniform in size and quality.
- **Increase in Brix degrees.** Cell division stimulates the concentration of sugars in the fruit.
- **Increased consistency.** The greater number of cells that give the fruit its size increases the consistency of the fruit pulp, as growth occurs via cell division.

PHYTOTOXICITY:

Crezymax®BA with **BA** technology is not phytotoxic to crops at recommended doses.
NOT RECOMMENDED FOR OTHER CROPS, it is designed exclusively for the crops mentioned in this document.
Do not contaminate water, food, or animal feed when storing or handling the product. Keep it in its original container. • Storage: Keep in a cool place. • Product disposal: If the material is not used in its entirety, keep it in its original container until it is used. • Do not remove the label or repackage the product. Container disposal: Do not reuse the container. Do not refill the container. Take to collection centers. Triple wash as follows: Empty the remaining contents into a waste tank for 10 seconds until the container begins to drip. Fill the container 1/4 full, with water and shake. Shake for 10 seconds. Pour the rinse into the waste container, repeat the operation from side to side, and repeat a third time from top to bottom.

COMPATIBILITY:

Crezymax®BA with **BA** technology should only be mixed with registered products, considering the following points:

- Mixing products that have a strong alkaline reaction is not recommended. If necessary, a small-scale test should be carried out to verify that the mixture does not separate (formation of lumps, separation of compounds, etc.).
- **Crezymax®BA** with **BA** technology is compatible with fungicides, insecticides, and other fertilizers. If there is any doubt about the origin of the material to be mixed, it is recommended to perform a compatibility test and determine that the mixture is not toxic to the crops of interest.
- Mixing with other bioregulators is not recommended.
- Mixing with amino acids is not recommended.
- Handling of adjuvants. It is recommended that **Crezymax®BA** with **BA** technology be accompanied by a dispersant-penetrant.

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CROP	DOSE (L/ha)	APPLICATION PERIOD
Blackberry	2.5	Start applying to flower buds, flowers, and young growing fruits. Repeat the application every 15 days, directing the solution toward flowers and fruits.
Blueberry	2.5	Start applying to flower buds, flowers, and young growing fruits. Repeat the application every 15 days, directing the solution toward flowers and fruits.
Strawberry	1.0 – 2.0	Start applying to flower buds, flowers, and young growing fruit. Repeat the application every 20 days, directing the solution toward flowers and fruit.
Raspberry	1.0 – 0.5	Start applying to flower buds, flowers, and young growing fruits. Repeat the application every 15 days, directing the solution toward flowers and fruits.