Technical Data Sheet

RESERBIÓN® WITH REACTMAX TECHNOLOGY

GENERAL INFORMATION

Category

Growth Regulator

Guarantee of Composition

	Content % w/v
Cofactor compounds	20% ppm

Key feature

Reserbión® with **ReactMAX** technology is a product designed to increase metabolism and reserve accumulation in deciduous fruit trees once they have been harvested. Application to leaves and buds stimulates the movement of essential compounds and elements to reserve sites, as well as improving the internal characteristics of buds, enhancing bud break uniformity and the characteristics of the following year's organs.

Manufacturer / Formulator / Distributor

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

Registration

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MODE OF ACTION AND EFFICACY:

Due to its formulation technology, the components of **Reserbión®** with **ReactMAX** technology have the following mode of action:

- Compounds that induce reserve accumulation. The compounds contained in **Reserbión®** with **ReactMAX** technology in its formulation stimulate proper leaf function, improving CO2 and radiation capture (improving photosynthesis), nutrient movement, and the translocation of compounds to reserve organs and tissues.
- Compounds that induce leaf function. The compounds in **Reserbión®** with **ReactMAX** technology improve chloroplast functionality, increasing greenness and stimulating leaf life.
- Compounds that stimulate the internal characteristics of buds. The components of **Reserbión®** with **ReactMAX** technology stimulate the internal characteristics of the bud before it enters dormancy.

METHOD OF APPLICATION:

Reserbión® with **ReactMAX** technology is designed for foliar applications once the plant has been harvested.
It is recommended to apply the necessary amount of water so that the product reaches all the foliage and buds present.
The use of adhesives is recommended so that the material can be placed on the tissue of the leaves and buds and remain there for as long as possible. It is not recommended to apply at high temperatures, to avoid evaporation of the droplets, or in winds greater than 15 km/hr to avoid drift.
For preparation, it is recommended to dilute the indicated dose in a container with water, fill 50% of the spray container, add **Reserbión®** with **ReactMAX** technology, shake, and fill the container to 100% capacity.

SPECIAL PRECAUTIONS:

Reserbión® with **ReactMAX** technology should not be applied to growing fruit or fruit prior to harvest. It should only be applied once the plant has been harvested, on the foliage and buds.

GENERAL RECOMMENDATIONS

The effectiveness of **Reserbión®** with **ReactMAX** technology can be increased by considering the following points:

- **Application timing. Reserbión®** with **ReactMAX** technology should only be applied during the POST-HARVEST stage in deciduous fruit crops. DO NOT APPLY DURING THE YOUNG SHOOT STAGE OR IN THE PRESENCE OF FLOWERS AND FRUIT, as this will cause undesirable effects (such as staining). If there are neighboring orchards in the phenological stages, it is recommended to establish protective strips of at least 20 m (to avoid drift).
- **Application frequency.** It is recommended to apply **Reserbión®** with **ReactMAX** technology twice, with an interval of 15-20 days between applications. The first application should be made in the week immediately following the end of the harvest and repeated with half the dose 15 days after the first. A third application can be made 15 days after the second, provided there is no frost in the area.
- **Managed dose.** Once the harvest is complete, apply the recommended dose for each crop and reduce the dose by half for the second application.

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EFFECTS ON CROPS:

Reserbión® is formulated with **ReactMAX** technology, which is composed of extracts of stimulating compounds and growth cofactors, which ensures:

- Improvement of the internal characteristics of the buds, ensuring homogeneous sprouting in the following cycle.
- Longer functional foliage lifespan. **Reserbión®'s ReactMAX** technology adequately maintains chloroplast activity and delays premature tissue aging, thereby increasing photosynthesis.
- Greater movement and accumulation of reserve compounds. Post-harvest application of **Reserbión®** with **ReactMAX** technology stimulates the movement of elements and compounds formed in the leaves, allowing them to accumulate in the reserve sites of deciduous fruit plants.
- Increased and more uniform bud break in the following cycle. The accumulation of reserve elements and compounds impacts bud break in the next cycle, making it more uniform and vigorous.

PHYTOTOXICITY:

Reserbion® with **ReactMAX** technology is non-phytotoxic at the recommended doses, times and crops

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:

Reserbión® with **ReactMAX** technology has demonstrated absolute compatibility with other currently registered agrochemicals.

It is recommended not to mix with products with high copper content.

Do not apply concomitantly with hormonal bioregulators. If the origin of the products is unknown, a rapid compatibility test on small amounts is recommended.

CROP	DOSE (L/ha)	APPLICATION SEASON
Apple and Walnut	5.0 2.5	First within the first two weeks after the harvest is complete. Second application, 15-20 days after the first
Peach and cherry tree	5.0 2.5	First within the first two weeks after harvest completion Second, 15 days after the first

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