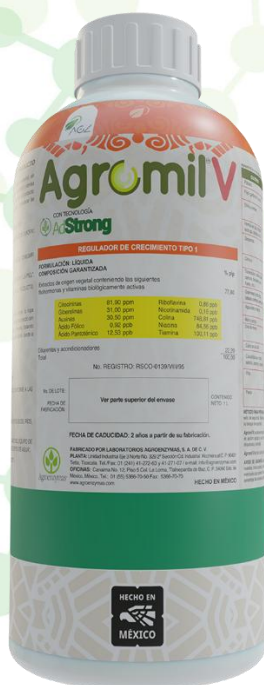


Technical Data Sheet



AGROMIL® V WITH ADSTRONG TECHNOLOGY

GENERAL INFORMATION

Category

Growth Regulator

Guarantee of Composition

Content % w/v

Plant extracts, phytohormones, and biologically active vitamins	77.80%
Cytokinins	81,90 ppm
Giberellins	31,00 ppm
Auxins	30,50 ppm
Rivoflavin	0,86 ppb
Nicotinamide	0,16 ppb
Choline	748,81 ppb
Folic acid	0,92 ppb
Niacin	84,56 ppb
Pantothenic acid	12,53 ppb
Thiamine	100,11 ppb
Thinners and Conditioners q.s.p.c.	22,20%

Key feature

Agromil® V with AdStrong technology is a natural biostimulant derived from a plant extract that contains high levels of compounds (vitamins and phytohormones) that stimulate vegetative and reproductive growth in plants. It is manufactured using AdStrong technology, which includes elicitors and compounds that induce plants' natural defenses, making them more tolerant to adverse conditions.

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

RSCO-139/VIII/95

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MODE OF ACTION AND EFFICACY:

It helps maintain the hormonal and vitamin balance necessary for plant biochemical reactions to occur more efficiently, thereby helping to express the genetic and agronomic productive potential of a crop.

The formulation of **Agromil®V** with **AdStrong** technology also allows you to enhance foliar fertilizer applications, ensuring their assimilation and effect.

Due to its content, the application of **Agromil®V** with **AdStrong** technology can reduce the effects of stress on crops when caused by adverse environmental conditions or management, allowing them to maintain and/or recover their development. Likewise, **Agromil®V** with **AdStrong** technology can better balance the stimulating effects of applications of other hormonal compounds such as gibberellic acid.

AdStrong technology. Formulation technology that includes elicitor compounds and natural components dedicated to strengthening crops, triggering the formation of defense compounds that help the plant tolerate adverse abiotic and biotic conditions.

METHOD OF APPLICATION:

Agromil®V with **AdStrong** technology is designed for foliar application. To prepare, add 50% of the water to be applied to the container, add **Agromil®V** with **AdStrong** technology, and fill to 100% with spray water.

Apply early in the morning; do not apply on windy or rainy days. Fully soluble in water. Apply together with a non-ionic adjuvant to improve penetration.

GENERAL RECOMMENDATIONS:

It is recommended to apply at the beginning of vegetative growth and subsequently during periods of high crop demand such as flowering and fruit growth. Likewise, to induce tolerance to adverse conditions, it is recommended to apply constantly to maintain high levels of antioxidants in plants.

Agromil®V with **AdStrong** technology also enhances foliar fertilizer applications when mixed in the application tank with these compounds.

EFFECTS ON CROPS:

Applications of **Agromil®V** with **AdStrong** technology on crops effectively stimulate the following processes:

- **Vegetative and root growth.** Due to its components that have a direct influence on plant physiological processes, **Agromil®V** with **AdStrong** technology stimulates harmonious vegetative growth in plants, giving them better characteristics.
- **Assistance during critical stages.** Applications of **Agromil®V** with **AdStrong** technology during critical stages, such as transplanting, flowering, fruiting, and post-harvest, among others, provide crops with the elements, vitamins, phytohormones, amino acids, etc., that the plant needs to meet the demand for these compounds.
- **Tolerance to adverse conditions.** **Agromil®V** compounds with **AdStrong** technology stimulate the activity of genes that form defense compounds in plants so that when the adverse factor occurs, the plant tolerates the adverse condition.

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PHYTOTOXICITY:

Agromil®V with **AdStrong** technology does not present any phytotoxicity when applied at the times and doses indicated on the label. In general, there are no known toxic effects when **Agromil®V** with **AdStrong** technology comes into contact with the skin, is ingested, or inhaled. It is a biodegradable product, so it does not leave residues that damage the plant or the environment.

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 of 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:

Agromil®V with **AdStrong** technology is a liquid formulation, compatible with currently registered foliar application agrochemicals, with a neutral reaction that allows for optimized application costs. Spray mixtures with **Agromil®V** with **AdStrong** technology should not be acidified to pH levels below 5.0.

It can be used in ultra-low volume applications.

If the characteristics of the product to be mixed are unknown, it is recommended to perform a small stability test.

RECOMMENDATIONS:

Agromil®V with **AdStrong** technology can be managed under various application schemes:

- To increase plant tolerance to adverse conditions. Applications prior to adverse conditions stimulate crops to form antioxidants, which increase plant tolerance to adverse abiotic factors. In this sense, applications must be made prior to the stress condition and applied frequently every 15-20 days.
- To assist in stress recovery. As a complete extract (with varied compound content), **Agromil®V** with **AdStrong** technology can be used to replenish plants after they have undergone stress conditions.
- To stimulate vegetative and root growth. Constant applications stimulate both vegetative and root growth, with a noticeable biostimulant effect.
- Increase in the biological effectiveness of agrochemical products. Applications of **Agromil®V** with **AdStrong** technology in conjunction with registered agrochemical products can further stimulate their biological activity on plants. In the case of growth regulators, effectiveness is significantly increased.

TABLE OF RECOMMENDATIONS AND DOSES

CROP	DOSE (L/ha)	APPLICATION PERIOD
Chili peppers and tomatoes	500 ml/ha per application	During vegetative growth, at the beginning of flowering, and every 15 days during fruiting.
Strawberries	500 ml/ha per application	Monthly, starting at the beginning of flowering
Mangoes, citrus fruits, and avocados	1 ml/L of water per application	At the beginning of flowering, when the fruit reaches marble size, and 20 days later.
Apples, pears, plums, guavas, peaches, and walnuts	1 ml/L of water per application	When 30-50% of the flowering has occurred, repeat 15 days later and 30 days after the second application.

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Melon and watermelon	1 ml/L of water per application	1st. At the beginning of flowering 2nd. Three to four weeks later
Ornamentals	1 ml/L of water per application	1st. From 10 to 20 cm high 2nd. 3 to 4 weeks after the first
Potato	500 ml/L of water per application	1st. At the beginning of tuber formation. 2nd. Three to four weeks later.
Pineapple	1 ml/L of water per application	To stimulate growth: 45 days after transplanting. To maintain harmonious vegetative growth: monthly. To stimulate fruit formation: 20 days after induction, during flowering, and 30 days after petal closure.
Plantain and banana	300 - 600 ml/ha per application	To stimulate growth: monthly, at a low dose. To induce tolerance to adverse conditions: one month before the adverse factor and every 15-20 days during the adverse condition, at a high dose.
Table grape	1 ml/L of water per application	When the sprout is 10 cm long. In combination with growth regulators to enhance their effect.
Garlic, broccoli, and lettuce	500 ml/ha per application	When there are 2-3 pairs of leaves, repeat 1-2 weeks later.
Sugarcane and corn	1000 ml/ha	When there are 6-8 pairs of leaves
Garlic, broccoli, lettuce, and onion	500 ml/ha per application	1a.- From 2 to 3 pairs of leaves 2a.- From 1 to 2 weeks later
Alfalfa	500 ml/ha per application	Monthly applications, applying after the cut 3 days after watering
Cotton	500 ml/ha per application	1a.- At the beginning of the delimitation of the plot segment 2a.- Three to four weeks later
Wheat, rice, barley, and oats	500 - 750 ml/ha	At the tillering