The most powerful biostimulant on the market

AV5G TECHNOLOGY BA

TRIPLE ACTION BIOSTIMULANT

- MICROBIAL EXTRACT
- CYANOBACTERIA EXTRACT
- TERRESTRIAL PLANT EXTRACT

AV5G® is a new generation biostimulant that combines the effect and potency of three extracts of microbial, plant, and cyanobacterial origin with the most active natural cytokinin.

Benefits:

- Accelerates vegetative development.
- Increases the photosynthetic capacity of plants.
- Promotes more abundant and better - quality harvests.
- Enables the plant to express its maximum genetic potential.

AGL Agroenzymas | your success story

The biostimulant to the third power

APPLICATION RATES BY CROPS

CROPS	DOSE (L/ha)	APPLICATION PERIOD
Chili peppers, tomatoes, eggplants, and bell peppers	0.5 - 2.0	Start of vegetative growth and repeat every 15 days. Low dose during vegetative growth. High dose during flowering and fruiting. During stressful conditions: Low dose frequently (7 - 10 days).
Cucumbers, melons, watermelons, and squash	0.5 - 1.0	Start of vegetative growth and repeat every 15 days During stressful conditions: Low dose frequently (7 - 10 days).
Asparagus	1.0	Apply after harvest, repeating every 20 days.
Blueberries, strawberries, blackberries, and raspberries	1.0 - 2.0	Start of vegetative growth and repeat every 20 days. Low dose during vegetative growth. High dose during flowering and fruiting. Stress conditions: Low dose frequently (7 - 10 days).
Roses	1.0 - 2.0	Start vegetative development and repeat every 15 days throughout the cycle until harvest. During stressful conditions, apply low doses frequently (7 - 10 days) during the critical period.
Potatoes	1.0 -2.0	Start vegetative development and repeat at tuberization. Use low doses at the beginning of cultivation and high doses during tuber development. During stressful conditions, apply half the dose frequently (10 - 15 days).
Pineapples	2.0 - 3.0	Start vegetative development after transplanting and repeat every 20 - 30 days. Low dose during vegetative growth. High dose during flowering and fruiting. During stressful conditions, apply the low dose frequently.
Flowers	2.0 - 4.0	Start applications on vegetative growth after transplanting and repeat every 15 days during critical periods (buds and prior to cutting). Use a low dose in the early stages of development and a high dose during the formation of floral organs. During stressful conditions, use a low dose at short intervals (every 10 - 15 days).
Broccoli, cabbage, cauliflower, lettuce, and celery	1.0	Apply the first treatments at the start of vegetative growth and repeat every 10 days. In adverse environmental conditions, apply half the dose consistently (every 7 days).
Garlic and onion	0.5 - 1.0	Start application during vegetative activity and repeat every 15 days throughout the cycle. Adverse environmental conditions: Half the dose at short intervals (every 7 days).
Grapevine (industrial)	1.0 -2.0	Apply at the beginning of sprouting (10 - 15 cm sprouts) and 10 days later. Apply after fruit setting is complete and repeat when hormonal applications for fruit size are made. Apply 20 - 30 days after harvest and repeat every 20 days. During conditions of extreme stress, apply the low dose every 12 days.
Bananas	1.0	Seedlings: at the start of vegetative growth after transplanting and repeat every 15 days. Established plants: Under conditions without obvious stress, apply every 20 days. Under adverse temperature conditions (low or high), apply every 15 days. If adverse conditions are severe and constant, apply half the dose with each spraying cycle.
Avocado, mango, and citrus fruits	1.0 - 2.0	Apply at the beginning of sprouting and repeat every 30 days. Use a low dose at the beginning of sprouting and a high dose at the time of flower differentiation and during flowering and fruit development. Under adverse conditions, apply a low dose at 15 - day intervals.
Persian lemon and Mexican lemon	1.0	Apply at the beginning of sprouting and repeat every 20 days until flowering and small fruits of 20 mm. Under adverse conditions, apply at 15 - day intervals.
Algodón	0.5 - 1.0	During vegetative growth, repeat at the beginning of plot delimitation.
Alfalfa	0.5 - 1.0	During vegetative growth and 5 days after each cut.
Deciduous fruit trees (apple, peach, and plum)	2.0-3.0	Apply at the beginning of sprouting. Repeat 10 days after petal fall and again when fruits reach 2 cm in diameter. Use a low dose at the beginning of growth and a high dose after flowering.
Walnut, almond, and hazelnut	2.0	Apply at the start of vegetative growth and repeat every 20 - 30 days. Apply with 50% female flowering to improve fruit size.
Coffee	1.0	Apply when flowers form and repeat during flowering.
Orange and tangerine	2.0	At the start of vegetative growth and repeat every 20 - 30 days.
Legumes (green beans and peas)	1.0	Start of vegetative growth and repeat on the first flowers and pods.
Corn, barley, and wheat	1.0	Apply during vegetative growth. Repeat during formation of the organ of interest.
Agave	1.0 - 2.0	Apply to leaf growth, repeat every 45 days during the season. Dosage according to plant age.
Table grapes	2.0	At the start of vegetative growth and repeat every 15 days. Apply mixed with gibberellic acid during berry growth.

- Effect of applying **AV5G®** after adverse conditions on cv. Champion chili pepper plants.
- The application was performed 5 and 13 days after saline conditions (4 days at 15 dS m - 1).

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