

PLANT GROWTH REGULATORS (PGR'S)



PLANT GROWTH REGULATORS (PGR'S) INTRODUCTION

Comprehensive Action on Crops: Physiological Innovation and Sustainability with Plant Growth Regulators (PGRs)

At Sonar Agro, we drive solutions based on advanced plant biotechnology to optimize every stage of crop development. Our products act directly on the physiological and hormonal processes of plants, promoting balanced growth, flowering, fruit set, and maturation, while increasing production and improving fruit quality.

The action of our plant growth regulators translates into greater **agronomic efficiency, better harvest uniformity, enhanced resistance to stress factors, and reduced use of traditional chemical inputs.** This clean and environmentally friendly technology is compatible with sustainable organic production systems and high traceability standards, actively contributing to a modern, responsible, and productive agriculture.

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ACTIONS

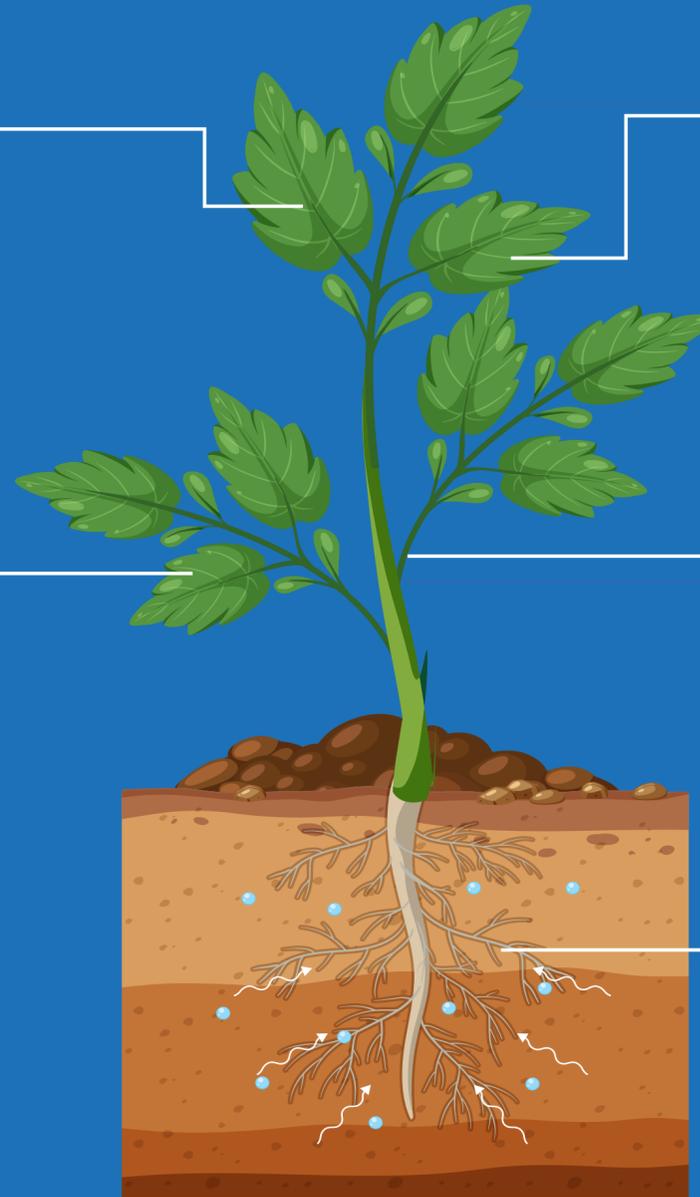
PLANT GROWTH REGULATORS (PGR'S)

Physiological Action:

- Stimulation of vegetative growth
- Promotion of rooting
- Strengthening of plant vigor

Hormonal Action:

- Specific hormonal interaction
- Synchronization of hormonal balance
- Stimulation of auxins/gibberellins/cytokinins



Ecological Aspects:

- Sustainable crop management
- Stimulation of natural defenses
- Increased plant resilience to biotic and abiotic stresses.

Increased Production:

- Improved yield per hectare
- Maximizing production efficiency
- Reducing stress-related losses

Clean production:

- Production free of harmful waste
- Contributing to food safety
- Promoting traceability



PRODUCTS

PLANT GROWTH REGULATORS (PGR'S)

BLOOMOR



COMPOSITION

	%W/V
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CPPU (Forchlorfenuron)	1,0
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- IMPROVES FRUIT SIZE
- INCREASES IN YIELD / QUALITY

FITON



COMPOSITION

	%W/V
--	------

6-Benzyladenine (6-BA)	1,8
Gibberellic Acid (GA 4+7)	1,8

- STIMULATES CELL GROWTH
- IT IMPROVES FRUIT SET
- IT INCREASES FINAL FRUIT SIZE
- IT REDUCES THE INCIDENCE OF RUSSETING

SONAR FORCE



COMPOSITION

	%W/V
--	------

Free amino acids	17,0
AATC	6,0
Total Nitrogen (N)	3,0
Organic nitrogen (N)	3,0

- BOOSTS CROP YIELD
- DEFENDS AGAINST PATHOGENS
- ACTIVATES PLANT ENZYMES
- ENHANCES GROWTH NATURALLY



PRODUCTS

PLANT GROWTH REGULATORS (PGR'S)

SONAR FRUIT



COMPOSITION

	%W/V
--	------

ANA (1-Naphthaleneacetic acid)(SL) 85g/L	8,5
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- REGULATES FRUIT ABSCISSION
- PROMOTES OR DELAYS FRUIT DROP
- ACTS THROUGH AUXIN ACTIVITY
- APPROVED FOR APPLES AND PEARS

SONAR GIB



COMPOSITION

	%W/V
--	------

Gibberellic acid (GA3)	10,0
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- AVOID WIND DRIFT TO NEARBY CROPS
- PREVENT PRODUCT DECOMPOSITION

SONAR GROWTH



COMPOSITION

	PPM
--	-----

Gibberellines	500 ppm
Auxines	500 ppm
Cytokinins	200 ppm
Cisteine	500 ppm
Tiamine	1110 ppm
Inositol	200 ppm

- EXCELLENT FLOWERING AND FRUIT SET
- OPTIMAL HORMONAL BALANCE



PRODUCTS

PLANT GROWTH REGULATORS (PGR'S)

SONAR MAX



COMPOSITION

%W/W

Cytokinins	3000 ppm
Total Nitrogen (N)	6,00
Calcium (CaO)	9,00
Fulvic Acids	5,50
Chelating agents	3,60
Density	1,35

- INCREASES THE FORMATION AND DIFFERENTIATION OF NEW TISSUES AND LATERAL BUDDING
- FAVORS THE FORMATION OF FLOWER BUDS
- DELAYS THE SENESCENCE OF THE PLANTS.

SONAR SEA



COMPOSITION

%W/V

Ecklonia Maxima Extract	30,00
Naftilacetic Acid (ANA)	0,45
ANA Amide	1,20
Folic acid	0,10

- ALLEVIATES THE EFFECT OF STRESS.
- IMPROVE NUTRIENT UPTAKE.
- IMPROVES SHEL-LIFES DURING COLOR STORAGE.
- INCREASES ROOT MASS AND GROWTH OF SEEDINGS.
- INCREASES THE NUMBER OF FRUIT, SIZE, COLOR, NUMBER AND SUGAR.

VETRA



COMPOSITION

%W/V

Gibberellic acid (GA ₃)	0,1
Naphthoxyacetic acid (BNOA)	3,5

- EARLY RIPENING
- GREATER FRUIT DEVELOPMENT
- INCREASED SIZE
- PREVENTION OF HOLLOW OR MISSHAPEN FRUITS



CROPS

BLOOMOR



-  TOMATO
-  WATERMELON
-  STRAWBERRY
-  TABLE GRAPE
-  CITRUS

FITON



-  APPLE
-  PEAR
-  SWEET CHERRIES

SONAR FORCE



-  STRAWBERRY
-  CITRUS
-  GRAPES
-  NUTS
-  POTATOES

SONAR FRUIT



-  APPLE
-  PEAR

SONAR GIB



-  ARTICHOKE
-  CLEMENTINE
-  LEMON
-  PEAR
-  VINE

SONAR GROWTH



-  COTTON
-  MELON
-  WATERMELON
-  POTATO
-  TOMATO



CROPS

SONAR MAX



-  BANANA
-  CEREALS
-  COTTON
-  RICE
-  VINE

SONAR SEA



-  CUCUMBER
-  KIWI
-  LEGUMES
-  APPLE
-  STRAWBERRY

VETRA



-  AUBERGINE
-  CITRICS
-  STRAWBERRY
-  PEAR
-  WATERMELON





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