

# GRONA



PLANT GROWTH REGULATOR

## CHARACTERISTICS

GRONA is an association of plant growth regulators formulated in a liquid solution that combines the action of a gibberellin (gibberellic acid GA<sub>3</sub>) with that of a synthetic auxin ( $\beta$ -naphthoxyacetic acid, BNOA).

## MAIN BENEFITS

- 1 Early ripening:** Advances harvest by stimulating hormonal processes that accelerate fruit ripening.
- 2 Greater fruit development:** Promotes fruit set and subsequent growth, promoting more complete development of each fruit.
- 3 Increased size:** Increases the final size of treated fruits, resulting in larger, more attractive products.
- 4 Prevention of hollow or misshapen fruits:** Reduces the incidence of poorly formed (hollow, misshapen) fruits, ensuring more uniform quality at harvest

## APPLICATION



### FOLIAR APPLICATION

CROPS	OBJECTIVE	DOSE	USE RECOMMENDATIONS
Aubergine, tomato	Advance ripening, increase fruit set, increase production, and homogenize fruit size.	50-100cc/ha	Apply outdoors and in greenhouses, from the appearance of the first flowers (BBCH 60) until 9 or more flowers have opened (BBCH 69). Treat only flower clusters. Maximum 2 applications per season at 10-day intervals.
Citrics	Increase fruit set, increase weight, inhibit fruit drop.	50-100cc/hL	Max: 4 applications/campaign: 1st flowering (bbch 60-69) 2nd: fruit 40% final size (bbch 74) 3rd: fruit 90% final size until the beginning of the color change (bbch 79-81) 4th: ripe fruit (bbch 83-89) minimum intervals 60 days.
Strawberry	Advance ripening, increase fruit set, increase production.	0,25-0,5 L/ha	Apply outdoors and in greenhouses, from green bud (BBCH 60) to wilted flowers (BBCH 69). Maximum 3 applications/spray at 10-day intervals.
Pear	Increase fruit set and weight.	75-125 cc/hL	Apply outdoors, from the beginning of flowering (bbch 60) to the end of flowering depending on the variety (bbch 69) max 1.
Watermelon	Advance ripening, increase fruit set, increase production, and homogenize fruit size.	100-500 cc/ha	Apply outdoors, from the appearance of the first flowers (bbch 60) until 9 or more flowers open on the main stem (bbch 69) max. 2 applications/campaign.

CROPS	BROTH VOLUME	PS
Aubergine, tomato	67-180 L /ha	5 days (outdoors) / 1 day (greenhouse)
Citrics	2.000-3.600 L/ha	5 days
Strawberry	600-1.000 L/ha	5 days (outdoors) / 1 day (greenhouse)
Pear	800-1.250 L/ha	NA
Watermelon	NA	NA

## COMPOSITION

	%w/v
Gibberellic acid (GA <sub>3</sub> )	0,1
Naphthoxyacetic acid (BNOA)	3,5



## TARGET CROPS AND USES

Recommended for various fruit crops where enhanced fruit set and sizing are desired. Treatments help ensure uniform fruit set:

- TABLE GRAPES:** Improves berry set and size in seedless grape varieties.
- CITRUS(E.G., ORANGES, MANDARINS):** Reduces premature fruit drop and increases fruit set (fruit set and uniform fruit size).
- TOMATO AND PEPPER:** Promotes fruit sent under conditions of poor pollination or stress. Spraying at early flowering can help fruit set and prevent flower abortion, engaging natural auxin production during flowering periods.
- STRAWBERRY:** Enhances berry development and prevents malformation. When applied during flowering, it can improve the number of fruits set and increase their size, reducing the occurrence of small or hollow berries.

### ! CAUTION:

GRONA is compatible with most pesticides and fertilizers. For application with plant protection products follow pesticide label directions and make jar test for compatibility.

## PACKING:



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