

GROWTH CYCLE

Rooting

Vegetative growth

Flowering

Fruit set

Fruit enlargement

Ripening

FITONATURA CALIBER is a bioactivator designed to **increase and uniform the size of the fruits**. It promotes fruit weight gain and enhances plant metabolism, thanks to the inclusion of vegetal extracts from various plants enriched with amino acids, vitamins, glucides, and low molecular weight peptides.

FITONATURA CALIBER enhances cell division, thereby contributing to fruit consistency and **shelf life**. For wine and table grapes, it positively impacts rachis lengthening, cluster formation and **reduces millerandage**.

CROPS	APPLICATION RATES	STAGES AND RECOMMENDATIONS
	FOLIAR	
FRUIT TREES	-	3 - 4 treatments starting from fruit set every 10 - 15 days
Stone fruits	2.5 - 3.5 l/ha	1 st application: from stone hardening - 2 nd application: 8-10 days after 1 st application 3 rd application: 8-10 days after 2 nd application
Apple and Pear		From 20 mm fruit size (or after thinning), 3-4 applications every 12-15 days
Hazelnut		From early fruit enlargement: 1 st application between E (hazel differentiation) and F (visible fecundated ovary) 2 nd application between G (almond growth stage 1) and H (almond growth stage 2) 1 st application: after fruit set - 2 nd application: 15-20 days after 1 st application 3 rd application: 15-20 days after 2 nd application
Actinidia	3.5 - 4.5 l/ha	1 st application: after fruit set - 2 nd application: 15-20 days after 1 st application 3 rd application: 15-20 days after 2 nd application
Clementine / Tangerine	3.5 - 4.5 l/ha	From 15-20 mm fruit size, 3 applications every 15-18 days
TABLE GRAPES	3.5 - 4.5 l/ha	Berry enlargement: 1 st application: 4-6 mm berries size - 2 nd application: 10-16 mm berries size - 3 rd application: pre-veraison Rachis elongation and millerandage reduction: 1 st application: inflorescences clearly visible (or in presence of 6 leaves at least) 2 nd application: inflorescences fully developed; flowers separating - 3 rd application: flower hoods fall
WINE GRAPES		Rachis elongation and millerandage reduction: 1 st application: inflorescences clearly visible (or in presence of at least 6 leaves) 2 nd application: inflorescences fully developed; flowers separating - 3 rd application: flower hoods fall
OLIVE TREES	2.5 - 3 l/ha	From stone hardening, 2 applications (also with pesticides)
VEGETABLES	2.5 - 3.5 l/ha	From fruit set, 3-4 applications each 10-15 days
STRAWBERRY AND SMALL FRUITS	3 l/ha	From fruit set, 3-4 applications each 10-15 days

COMPOSITION % w/w (equivalent to % w/v at 20°C)

Total Nitrogen (N)	3.0% w/w	3.80% w/v
Organic Nitrogen (N) from vegetal origin	2.5% w/w	3.20% w/v
Ammoniacal Nitrogen (N)	0.5% w/w	0.65% w/v
Total Phosphorous pentoxide (P ₂ O ₅)	4.0% w/w	5.10% w/v
Potassium oxide (K ₂ O)	6.0% w/w	7.60% w/v
Organic Carbon (C _{org})	16.0%	
Dry matter	45.0%	

PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C:	1.27 g/ml
pH (1% w/w aqueous solution at 20°C):	6.5 ± 0.5 u. pH
E.C. (1 g/l in deionized water at 20°C):	350 µS/cm



FITONATURA CALIBER

FRUIT ENLARGEMENT

KEY BENEFIT

- 1 Increases and unifies the size of fruits
- 2 Enhances cell division, thereby contributing to fruit consistency and shelf life
- 3 Enhances plant metabolism and reduces fruit drop

