Highlights for your GRAPE crop nutrition

Foliar applications of NPK+micro are recommended, to match demands at this stage while uptake by roots is still limited. Application of humic substances improves soil properties and root activity.

Adequate boron supply in this stage is necessary to avoid Millerandage, which might lead to uneven berry size and ripening.

These are stages of peak nitrogen demand. To ensure efficient uptake it is recommended to supply high nitrate.

Addition of micronutrients at this stage is essential for optimal accumulation of sugars and anthocyanins in the growing berries.

Foliar applications of potassium are recommended, to match high demands at this stage.

Calcium is required to protect the fruit and to improve its quality. Even when not manifested on leaves, calcium deficiency might result in berry cracking, berry dropping and grain rot. In wine grapes, leaf analysis provides indication of the required post-harvest fertilizer application rates.

Post-harvest fertilization creates nutrient reservoirs for the next season. Application of humic acids improves soil properties and root activity.

Nutri Haitech™

The revolution in open field agriculture

Do you want to increase your crop yields and make your operation more sustainable and efficient?

Do you want to reduce waste and pollution in your field?

Haifa has Solution!

With Haifa's advanced nutrients and AI-powered apps, you can maximize land usage and reduce waste in the field. Don't miss out on this opportunity to revolutionize your field practices and join the global movement towards a more sustainable agriculture.

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The best nutrition

for your grape crop

GRAPE

Haifa Solutions for GRAPE nutrition

Note: the recommendations brough here should be considered as general guidelines. The actual program should consider the plant status and growth conditions. Consult Haifa agronomist to suit the optimal nutritional program for your grape crop.

Stage	Vegetative growth	Pre Flowering	Flowering	Fruit setting	Start of Berry Growth	Berry Growth	End of Berry Growth	Early Veraison	Berry Maturation**	Shoots maturation to leaves fall
	BBCH 11-19	BBCH 53-57	BBCH 60-69	BBCH 69-71				BBCH 81	BBCH 83-89	BBCH 89-93
Multicote Agri 6-21-21 (35-0-0)	◯									
HaifaStim™ HumiK	◯	◯								
Poly-Feed™ 16-8 24+2+ME		◯	◯	◯	◯	◯				
Poly-Feed™ GG 15-5-30					◯	◯	◯		◯	◯
Haifa Mag™				◯				◯		
Haifa Cal™ GG		◯		◯					◯	
Haifa Micro™ HaiFer	◯							◯		◯
HaifaStim™ Force	◯	◯								
Haifa Micro™ Power B+Zn		◯								◯
HaifaStim™ Calmaster					◯	◯	◯			
Poly-Vineyard™ 4-15-37+3Mg						◯	◯	◯		

Soil application Nutrigation™ Foliar application, bi-weekly

Salinity

Grape vines are moderately-sensitive to salinity, with potential of 10% yield loss at EC of 2.5 dS/m. Low salinity irrigation is critical in both saline and non-saline soils. Make sure to apply fertilizers with low salt index and minimal chloride & sodium content.

Technologies that help you grow more

Take advantage of the digital tools Haifa offers to plan, manage and monitor plant nutrition – for maximum benefits and best yield.

MultiMatch™
Expert software for precise application of Multicote™ controlled release fertilizers

Haifa NutriNet™
Plant nutrition expert system, generating optimized Nutrigation™ programs

FoliMatch™
Foliar nutrition mobile advisor