



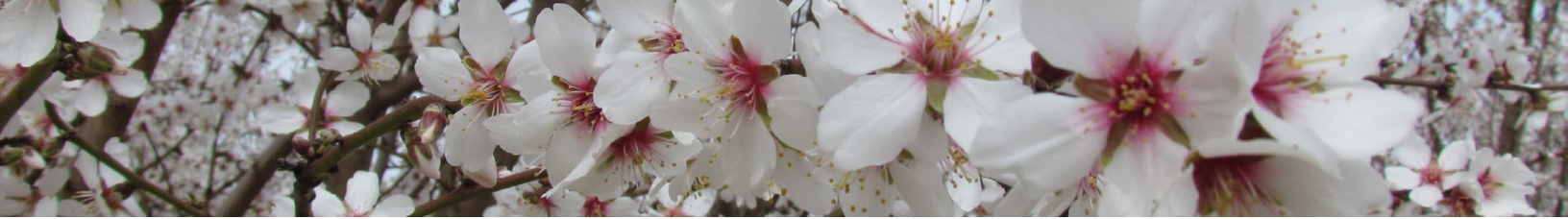
Knowledge grows



YaraVita®

2020 West Coast Nut Crop Portfolio





Comprehensive Nutrition Management requires a knowledge of crop dynamics and familiarity with the cropping system. These elements facilitate the building of crop programs to address critical nutrients, at key timings, precisely applied to achieve optimum crop performance. Each essential element plays a role in specific physiological crop processes.

Proactive planning is a way to engage with your Yara team to review product placement relative to crop demands, current and relevant research, economics, and expected crop response. Crop programs provide growers and their advisors a calculated roadmap to environmental stewardship and profitability.

	N	P	K	Ca	Mg	S	B	Fe	Zn	Mn	Cu
KERNEL SIZE	^		^			^	^				
NUT WEIGHT	^	^	^			^			^		
BUD DEVELOPMENT							^		^		
FRUIT SET	^						^		^		
DISEASE TOLERANCE	∇	^	^	^					^	^	^
ROOT GROWTH		^		^			^				
PHOTOSYNTHESIS	^				^			^		^	

Improved Reduction No clear trend

Product Fit

Kernel Size

- YaraVita PENTAFLO
- YaraVita BIOTRAC

Nut Weight

- YaraVita PENTAFLO
- YaraVita ZINTRAC
- Leffingwell NUTRA-PHOS ZN-K PLUS

Bud Development

- YaraVita BUD BUILDER WP
- YaraVita POWERBOR Ca

Fruit Set

- YaraVita BIOTRAC
- YaraVita POWERBOR Ca
- YaraVita PENTAFLO

Disease Tolerance

- YaraVita BIOTRAC
- Leffingwell NUTRA-PHOS ZMP
- Leffingwell NUTRA-PHOS ZN-K PLUS
- YaraVita GLYTREL CMZ



Root Growth

- YaraVita PENTAFLO
- Leffingwell NUTRA-PHOS ZN-K PLUS
- Leffingwell NUTRA-PHOS ZMP

Photosynthesis

- YaraVita BUD BUILDER WP
- Leffingwell NUTRA-PHOS ZMP

Click on product name for more information.

Product		Analysis	Form	Unique characteristics	Use rates/ac
YaraVita BUD BUILDER WP		0-6-0, 24 Mg, 10 Zn, 3 B	Wettable Powder	<p>Nothing else compares to Bud Builder in the foliar marketplace</p> <ul style="list-style-type: none"> Increases chlorophyll and photosynthesis capacity Increases carbohydrate production and storage Supports healthy leaf functioning Increases flowering and fruit set 	5-10 lbs
YaraVita POWERBOR Ca		4-0-0, 15 Ca, 6 Zn, 3 B	Suspension Concentrate	<p>Drives proper cell division</p> <ul style="list-style-type: none"> High calcium with balanced Zn and B Promotes strong flowering and fruit set Consistent crop performance 	1-2 quarts
YaraVita PENTAFLO		4-15-0, 12.5 Ca, 3.7 Mg, 2.5 Zn, 1.2 B with Kelp extract	Suspension Concentrate	<p>Improves flowering, fruit set and fruit development</p> <ul style="list-style-type: none"> Unique high P₂O₅ and Ca formulation Balanced Mg, Zn and B for leaf and fruit development Kelp component benefit 	2-4 quarts
YaraVita ZINTRAC		1-0-0, 40 Zn	Suspension Concentrate	<p>A global standard for safety and efficacy of foliar Zn</p> <ul style="list-style-type: none"> Highest analysis foliar Zn in the market Safe, non phytotoxic formulation Low use rates 	1-2 pints
YaraVita BIOTRAC		5-0-2, 1 Zn, 1 B, with Kelp extracts	Liquid	<p>Supports flowering, fruiting and stress reduction</p> <ul style="list-style-type: none"> BioTryg technology for yield and quality potential Packed with organic metabolites and carbon Reduce plant or environmental crop stress conditions 	1-3 pints
YaraVita GLYTREL CMZ		0-14-0, 3 Zn, 3 Mn, 0.7 Cu	Liquid	<p>Disease and stress mitigation</p> <ul style="list-style-type: none"> Supply essential Zn, Mn and Cu with a P₂O₅ base Balanced formulation for synergy uptake/utilization Wide tank mix compatibility 	1-3 pints
Leffingwell NUTRA-PHOS Zn-K PLUS		3-20-10, 12 Ca, 20 Zn	Wettable Powder	<p>Formulated for strong crop growth and establishment</p> <ul style="list-style-type: none"> Micronized for uptake effective sustained feeding Fully formulated with wetting, spreading, sticking agents 	5-15 lbs
Leffingwell NUTRA-PHOS ZMP		0-15-0, 15 Zn, 15 Mn, 7.5 Ca	Wettable Powder	<p>Formulated for leaf energy and strong canopy development</p> <ul style="list-style-type: none"> Micronized for uptake effective sustained feeding Fully formulated with wetting, spreading, sticking agents 	5-15 lbs



Contact your Yara team to build proactive crop programs and increase grower commitments to a Comprehensive Nutrition Management program.

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Knowledge grows

Crop Physiological Stages

Almond

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep-Dec
Crop Stage									
	Bud Swell	Bloom	Petal Fall	Nut Set	Nut Growth	Kernel Growth	Hull Split	Maturity	Post Harvest
Fruit Set	█								
Root Growth				█					█
Disease Tolerance		█							
Kernel Size					█				
Kernel Weight						█			
Bud Development							█		

Pistachio

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct-Dec
Crop Stage										
	Dormancy		Flowering	Pollination	Fruit Growth	Shell Hardening & Kernel Growth	Kernel Fill	Shell Split	Maturation	Post Harvest
Fruit Set			█							
Root Growth									█	
Disease Tolerance			█							
Kernel Size						█				
Kernel Weight							█			
Bud Development							█			

Walnut

	Nov-Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Crop Stage									
	Dormancy	Catkin	Pollination	Nut Size	Kernel Size	Kernel Weight	Shell Hardening	Finish Weight	Maturation
Fruit Set		█							
Root Growth								█	
Disease Tolerance		█							
Kernel Size			█						
Kernel Weight				█					
Bud Development		█							