



ILLUSTRIA™

LAUNCHED BY **UBP™** TECHNOLOGY



EVERY OUNCE COUNTS

Optimize crop performance with this proprietary foliar fertilizer. Illustria™ mitigates abiotic stress & improves conditions for crop quality & yield. Launched with patented UBPTM Technology, Illustria is scientifically proven to create an environment for grape clusters to produce more uniform berries & increased weight per cluster.

BENEFITS:

- **Maximizes** plant potential
- **Enhances** nutrient use efficiency
- **Mitigates** abiotic stress
- **Easy to Use:** Low use rate, flexible timing & tank mix friendly

BEST USE GUIDELINES*:

- Apply foliar at pre-bloom, fruit set & veraison
- Rate: 16 oz./A
- Illustria is an easy to handle highly concentrated liquid with a low dose rate per acre.
- Illustria is tank mix compatible with Regalia® Biofungicide & Stargus® Biofungicide, along with most fertilizers & crop protection products.
- Illustria may not mix satisfactorily with high phosphorus or high sulfur products.
- Compatibility with liquid fertilizers must be confirmed before application.
- Follow best practices for mixing: Pesticide -> Adjuvant -> Nutrient -> Biofertilizer

NUTRIENT PROFILE

Essential macro & micronutrients are bound in a complex carbon-based process producing a proprietary organic molecular substrate that includes:

- ✓ Soluble Potash (K2O)
- ✓ Cobalt (Co)
- ✓ Molybdenum (Mo)

TECHNICAL & REGULATORY PROFILE*

Fertilizer Grade:	0-0-2
Application:	Soil, Foliar
Guaranteed Analysis:	Soluble Potash (K2O) 2% Cobalt (Co) 0.01% Molybdenum (Mo) 0.001%
Formulation:	Liquid
OMRI Listed:	No
Rainfastness:	Do not apply if rainfall is likely within 3 hours after application.



**DISCOVER
MORE**

“ **Illustria maximizes crop potential, producing a consistent fruit set and uniform berries resulting in a higher value crop.**

-- Seth Little, Product Manager, Pro Farm Group

CHARDONNAY GRAPE

**APPLICATION 1:
PRE-BLOOM
16oz./A**



**APPLICATION 2:
FRUIT SET
16oz./A**



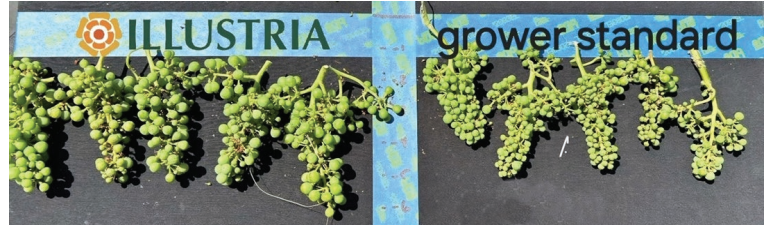
**APPLICATION 3:
VERAISON
16oz./A**



PRE-HARVEST RESULTS



Observations: Increased vegetative vigor, increased crop set/size/rachis



Observations: Cluster uniformity, berry size & canopy development, less heat stress (tendrils)



ILLUSTRIA™

GROWER STANDARD

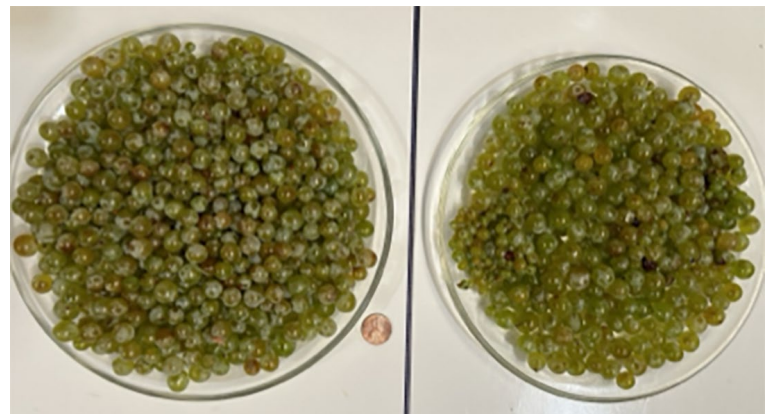
Observations: Berry uniformity, increased weight of berries per cluster, increased yield



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GROWER STANDARD

Observations: Berry uniformity, increased weight of berries per cluster, increased yield



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GROWER STANDARD

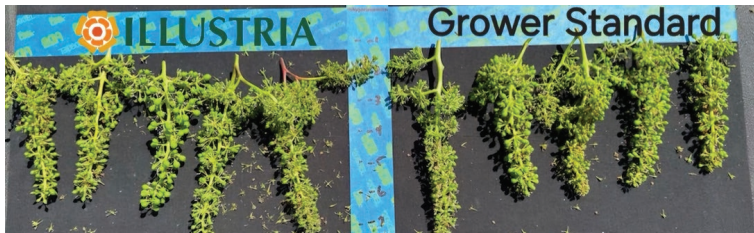
	5 clusters		5 clusters
Average (oz.)	3.06	Average (oz.)	2.18
BRIX	22.0	BRIX	21.6
TA	0.7	TA	0.73
pH	3.43	pH	3.32

CABERNET SAUVIGNON GRAPE

APPLICATION 1: PRE-BLOOM 16oz./A



Observations: Increased vegetative vigor, increase crop set/size/rachis



APPLICATION 2: FRUIT SET 16oz./A



Observations: Cluster uniformity, berry size & canopy development, less heat stress (tendrils)



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GROWER STANDARD

APPLICATION 3: VERAISON 16oz./A



Observations: Cluster uniformity & berry size



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20 clusters	Cab Sauv	20 clusters	Cab Sauv
Average (oz.)	3.206	Average (oz.)	2.100
BRIX	17.2	BRIX	15.9

PRE-HARVEST RESULTS



Observations: Berry uniformity, increased weight of berries per cluster, increased yield



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	5 clusters		5 clusters
Average (oz.)	4.56	Average (oz.)	2.62
BRIX	19.6	BRIX	19.8
TA	1.22	TA	1.27
pH	2.98	pH	2.95

UBP™ TECHNOLOGY

PATENTED NUTRIENT TECHNOLOGY

UBP™ Technology is a new class of biological supramolecular structure with organic nutrients & chelated microelements. This allows for the nutrients to be highly mobile & readily available to the plant.



INCREASES MITOSIS (CELL DIVISION)

More cells equal more mitochondria; allowing the plant to increase functional biomass & withstand stress events more effectively.



INCREASES PHOTOSYNTHESIS

A 2021 RNA-sequencing study identified UBP™ Technology upregulates several photosynthetic pathways allowing the plant to produce more chlorophyll & allows for the potential to increase brix.



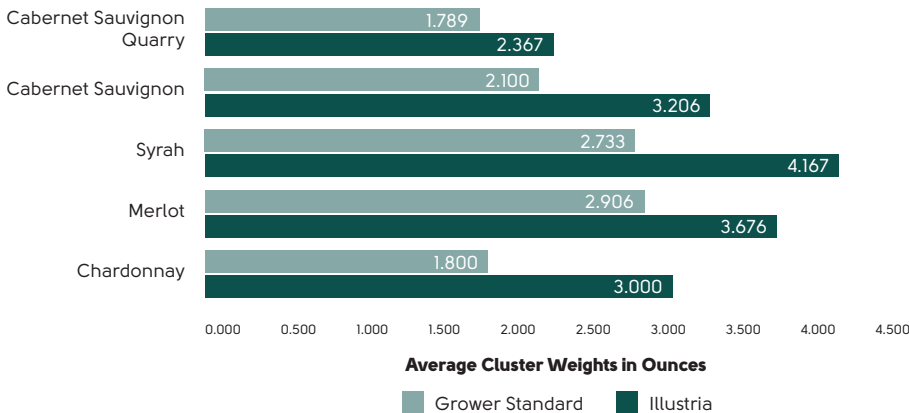
IMPROVES ABIOTIC STRESS MANAGEMENT

UBP™ Technology upregulates 11 different antioxidant pathways, allowing the plant to produce more antioxidants that mitigate abiotic stress.

FIELD DEMO PERFORMANCE

ILLUSTRIA vs. UNTREATED FOR YIELD IN GRAPES

2024 Field Trial Summary, California



*Average of 20 clusters per treatment August 19, 2024



Illustria is a patented liquid foliar fertilizer.



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TALK TO
AN EXPERT

