

BenePhite® Expand

NUTRITION

PRODUCT BENEFITS



IMPROVED FRUIT QUALITY

Enhances phosphate mobility to support structural integrity, fruit firmness, and quality



ENHANCED CANOPY DEVELOPMENT

Promotes new leaf growth and photosynthetic activity for robust canopy development

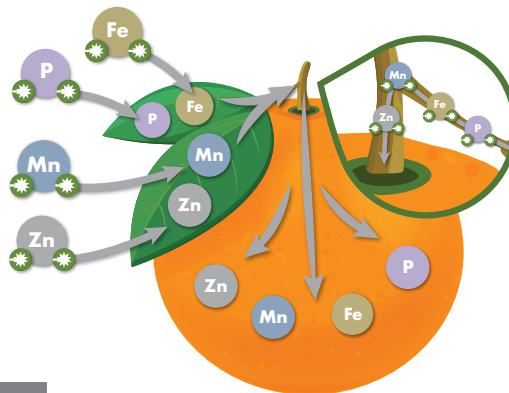


OPTIMIZED FORMULATION

Formulated for effective nutrient delivery with reduced risk of phytotoxicity

BenePhite® Expand is a phosphorus product built with our Transit® biostimulant and key micronutrients to support nutrient mobility, photosynthetic activity, canopy development, and fruit quality.

Healthy canopy development and fruit quality depend on efficient photosynthetic activity and nutrient availability throughout the growing season. BenePhite Expand combines our Transit biostimulant with highly plant-available phosphite and key micronutrients to improve nutrient mobility and support photosynthesis, new leaf growth, and structural integrity for improved fruit development and quality.



MODE OF ACTION

Our Transit biostimulant in BenePhite Expand improves nutrient mobility, helping plants make more efficient use of applied nutrition.

P

Phosphorus supports strong tissues and structural integrity for healthy fruit development and quality.

Mn

Manganese supports photosynthetic energy transfer, nitrogen metabolism, and auxin metabolism to enhance photosynthetic efficiency and canopy development.

Zn

Zinc supports chlorophyll production, photosynthetic enzyme activity, and stomatal regulation for improved photosynthetic efficiency.

Fe

Iron supports chlorophyll production and photosynthesis for vigorous canopy development.

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Contact your Sumitomo Biorational representative to discuss product fit, use, and application for optimal performance.

GUARANTEED ANALYSIS*

Total Phosphoric Acid (P ₂ O ₅)	19.0%
Cobalt (Co)	0.05%
Iron (Fe)	0.75%
Manganese (Mn)	1.75%
Molybdenum (Mo)	0.10%
Zinc (Zn)	4.0%

Derived from: Phosphorous acid, zinc phosphite, manganese phosphite, iron phosphite, cobalt nitrate, and sodium molybdate.

*Guaranteed analysis may vary by state.



APPLICATION TYPE	USE RATE	APPLICATION TIMING
Foliar	0.5 – 4 qt/ac	Repeat every 2 – 3 weeks.
Soil	2 – 6 qt/ac	

APPLICATION NOTES

- For foliar applications, ensure thorough coverage for optimal nutrient uptake and apply under favorable growing conditions to maximize absorption.
- For soil applications, apply enough water to move the product into the area of active rooting, but avoid excessive amounts that may leach.
- Repeat applications every 2–3 weeks as needed to support crop development.
- Integrate with existing crop protection or fertility programs when appropriate.
- Conduct a standard jar test before tank mixing.
- Refer to the product label for complete application instructions and crop-specific use directions.



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