



# BenePhite™ Expand

— FOLIAR AND SOIL APPLIED LIQUID NUTRIENT —

P<sub>2</sub>O<sub>5</sub> 19.0%\*

Co 0.05%

Fe 0.75%

Mn 1.75%

Mo 0.10%

Zn 4.0%

0-19-0

## GUARANTEED ANALYSIS

Total Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	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.

\*Phosphorous acid products are for use as a supplemental fertilizer treatment. Upon foliar application, the phosphite ions are taken up directly by the plant foliage and may undergo a degree of conversion to phosphate ions, or will be used directly by plants, as phosphite ions. \*As a soil application to annual crops, a lesser response from the initial crop, with a corresponding superior response from succeeding crops, may be observed. In addition, placement close to seeds or root zones may be injurious to crops. The effect may be aggravated by a soil pH below 6.5.

2.5 US Gal / 9.5 Liters  
10.6 lbs per Gallon @ 68° F  
1.3 kgs per Liter @ 20° C  
Net Weight 26.6 lbs / 12.1 kgs

DO NOT STORE BELOW 40°F (5°C)

## FBSciences Inc.

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# BenePhite™ Expand

**DESCRIPTION:** BenePhite Expand is a multi-nutrient fertilizer product that provides readily available nutrients.

**DIRECTIONS FOR USE: Application Instructions:** Shake well before each use.

**Foliar:** For best results DO NOT spray in the heat of the day when temperatures are above 85 degrees or when the plant is under moisture stress. Apply with sufficient water for complete coverage. DO NOT spray to the point of runoff. Use as fine of a spray mist as possible. Allow 3-4 hours after application before sprinkler irrigation to avoid washing the product off. DO NOT APPLY with citrus oils at over 0.5% of a tank mix, or petroleum oils over 1% of tank mix. DO NOT APPLY with copper-based fungicides. **Soil:** For best results, use watered-in applications. May be applied via an irrigation system or prior to irrigation. Apply enough water to move the product into the area of active rooting, but not excessive amounts that may leach. Use the higher label rates with surface and flood irrigation. Do not apply directly onto the seed. **Compatibility:** BenePhite Expand is compatible with many fertilizers and pesticides, however, a jar test is recommended when considering blends. The product's low pH should be considered when making blends. Recommended mixing sequence: Water, adjuvants, BenePhite Expand, pesticides, other FBSciences nutrient products, other fertilizers, the balance of water. Ensure agitation is available when mixing with calcium fertilizers. Consult your manufacturing representative for questions.

## RATES & TIMING

**Foliar:** For all crops apply 1-8 pints/acre. Repeat every 2-3 weeks as needed.

**Soil:** For all crops apply 2-6 quarts/acre. Repeat every 2-3 weeks as needed.

**WARNING:** The application of fertilizer material containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

## DANGER/PELIGRO



**HAZARD STATEMENTS** Causes severe skin burns and eye damage. Causes serious eye damage.

**DECLARACIONES DE PELIGRO** Causa quemaduras graves en la piel y lesiones oculares. Provoca lesiones oculares graves.

**PRECAUTIONARY STATEMENTS** Do not breathe mist/vapors/spray. Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON

CENTER/doctor. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to comply with local, state, and federal regulations. POISON CENTER/doctor. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to comply with local, state, and federal regulations.

**INSTRUCCIONES DE USO Instrucciones de aplicación:** Agitar bien antes de cada uso. **Foliar:** Para obtener los mejores resultados, NO rociar en el calor del día cuando las temperaturas estén por encima de los 85 grados o cuando la planta esté bajo estrés hídrico. Aplicar con suficiente agua para una cobertura completa. NO rociar hasta el punto de escorrimiento. Utilizar una niebla de rociado lo más fina posible. Dejar transcurrir de 3 a 4 horas después de la aplicación antes del riego por aspersión para evitar lavar el producto. NO APLICAR con aceites cítricos en más del 0.5% de una mezcla del tanque, o con aceites de petróleo en más del 1% de la mezcla del tanque. NO APLICAR con fungicidas a base de cobre. **Suelo:** Para obtener mejores resultados, usar aplicaciones por medio del riego. Puede aplicarse a través de un sistema de riego o antes del riego. Aplicar suficiente agua para mover el producto al área de enraizamiento activo, pero no cantidades excesivas que puedan filtrarse. Utilizar las tasas de etiqueta más altas con riego por inundación y por superficie. No aplicar directamente sobre la semilla. **Compatibilidad:** BenePhite Expand es compatible con muchos fertilizantes y pesticidas, sin embargo, se recomienda una prueba en jarra al considerar mezclas. Se debe considerar el pH bajo del producto. Secuencia de mezcla recomendada: Agua, adyuvantes, BenePhite Expand, pesticidas, otros productos nutritivos de FBSciences, otros fertilizantes, el resto de agua. Asegurarse de que haya agitación disponible cuando se mezcle con fertilizantes de calcio. Consultar a su representante de fabricación si tiene preguntas.

**TASAS Y MOMENTO** **Foliar:** Para todos los cultivos, aplicar de 1 a 8 pistantas de galón por acre. Repetir cada 2 a 3 semanas según sea necesario. **Suelo:** Para todos los cultivos, aplicar de 2 a 6 cuartos de galón por acre. Repetir cada 2 a 3 semanas según sea necesario.

## READ ENTIRE LABEL BEFORE USE KEEP OUT OF REACH OF CHILDREN

**WARRANTY AND CONDITIONS OF SALE** Manufacturer warrants that this material conforms to the chemical description herein and is reasonably fit for use as directed. No other warranty is made, either expressed or implied. BEFORE OPENING, see other conditions and limitations that apply which are available at: <http://www.FBSciences.com/ProductConditionsOfSale/>. See patent and other patents pending: <http://www.fbsciencespatents.com>. Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.html>