

# Wuxal<sup>®</sup> Boron

## Foliar Nutrient Suspension



GUARANTEED ANALYSIS:	
Total Nitrogen (N) .....	8.000%
2.500% Urea Nitrogen	
5.500% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	10.000%
Boron (B) .....	7.000%
7.000% Water Soluble Boron (B)	
Copper (Cu) .....	0.050%
0.050% Chelated Copper (Cu)	
Iron (Fe) .....	0.100%
0.100% Chelated Iron (Fe)	
Manganese (Mn) .....	0.050%
0.050% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.001%
0.001% Water Soluble Molybdenum (Mo)	
Zinc (Zn) .....	0.050%
0.050% Chelated Zinc (Zn)	
DERIVED FROM:	
Urea, Ammonium Sulfate, Ammonium Borate, Diammonium Phosphate, Boric Acid, Potassium Borate, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA.	
1 U.S. Gallon Net Weight 11.44 lbs. Effective pH: 6.8	10/1/12

Foliar fertilization can be an effective remedy for diagnosed plant deficiencies of secondary nutrients and micronutrients, but may cause plant damage if applied at more than recommended rates or concentrations. Use of this product is recommended only as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.

### USE DIRECTIONS FOR FOLIAR FERTILIZATION:

#### IMPORTANT HANDLING INSTRUCTIONS, PLEASE READ

Wuxal Boron is a high load suspension fertilizer. During storage an internal structure forms to retard settling and separation. At time of use, this structure is easily destroyed by striking the container forcefully with a rubber mallet or fist, followed by aggressive shaking of the container. Always apply with sufficient water or tank mix partners to ensure thorough leaf coverage. Avoid application during periods of excessive heat (mid-day) to reduce potential for leaf injury.

Crop	Timing	Use Rate fl. oz./acre
	Purpose	
Apples & pears	Pre-flowering, during periods of cell division & fruit enlargement and post harvest.	16–24
	Boron deficiency, improved fruit set, higher yield and fruit quality, & reduced flesh browning of Conference pears during CA-storage.	56 (pears only)
Almonds	Post harvest, before leaf drop and dormancy.	32–64
	Boron deficiency, improved bud development, fruit set and yield.	
Artichokes	At 14 days after transplanting or onset of vegetation & beginning of differentiation of flower buds.	32–40
	Improved size of buds and increased yield.	
Stone fruits	From start of flowering through fruit set.	24–40
	Improvement of pollen germination, yield and improved fruit set for the subsequent season.	
Grapes	Before bloom and during fruit set.	40
	Prevention of boron deficiency. Improved berry set & berry size. Reduced risk of coulure (poor setting).	
Small berries	Bud burst until pre-bloom, pre-bloom/bloom and post harvest.	16–24
	Improved pollen germination, fruit set and bud strengthening.	
Sugarbeet	At 4–6 leaf stage, 6–8 leaf stage & shortly before closure of rows.	32
	Prevention of hollow stem. Increased sugar yield.	
Alfalfa	Spring greenup and 10–14 days after each cutting	16–24
	Boron deficiency, improved regrowth after cutting	

### MIXING

When tank mixing Wuxal Boron with other products, conduct a jar test to ensure compatibility. Fill the spray tank with 75% of the desired water volume. While the water is agitating, add tank mix ingredients in the following order: 1. Water-soluble packets, dry flowables and dispersible granules. 2. Wuxal Boron. 3. Flowables. 4. Emulsifiable concentrates. 5. Water-soluble pesticides. Continue agitation and finish filling spray tank to desired level. Wuxal Boron contains un-dissolved salts prior to dilution with water. To ensure salts completely dissolve and to reduce potential accumulation on sprayer screens, ten minutes of aggressive agitation is recommended prior to application. A 50-mesh or larger screen size is recommended.

### STORAGE AND DISPOSAL

Store in original container between 23°F and 104°F away from direct sunlight. Temperature fluctuations and long term storage may cause reversible crystallization and phase separation. Neither condition will affect product efficacy if properly mixed prior to use. Do not reuse empty container. Dispose of the container in accordance with federal, state and local regulations.

### KEEP OUT OF REACH OF CHILDREN

#### DANGER / PELIGRO

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)*



### PRECAUTIONARY STATEMENTS

Causes skin and eye irritation. May damage fertility or the unborn child. If medical advice is needed, have product container or label at hand. Read label before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash protective equipment and work clothes thoroughly after handling. Wear personal protective equipment. Specific treatment is given in the First Aid section on this label or on the SDS. Store locked up. Dispose of contents/container to disposal plant in accordance with federal, state and local regulations.

**WARNING:** This fertilizer contains boron, which may be injurious to certain crops. Contact your local county agent or field consultant for specific information. This fertilizer is to be used only on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals (ruminants).

### FIRST AID

**If Swallowed:** Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**If On Skin:** Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

**If Inhaled:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

Crop	Timing	Use Rate fl. oz./acre
	Purpose	
Tomatoes & peppers	At 4–6 leaf stage and at end of the first flowering or fruit set.	16
	Prevention of boron deficiency. Improved fruit set and yield.	
Strawberries	End of dormancy, before and during bloom.	16
	Prevention of boron deficiency and fruit deformations.	
Peanut	During formation of side shoots and at flowering.	24
	Prevention of boron deficiency and improved nut set and yield.	
Potatoes	Two weeks after tuber initiation & 4–5 weeks after tuber initiation.	16
	Prevention of boron deficiency.	
Pulses	At 10–11 leaf stage, bud formation and early bloom.	16
	Prevention of boron deficiency. Pollen fertility and pod set.	
Oil seed rape	Stem elongation and inflorescence emergence.	24
	Prevention of boron deficiency. Higher yield and oil content.	
Carrots	At 4–6 true leaf stage and at beginning of root expansion.	40
	Prevention of boron deficiency and increased yield.	
Sunflowers	Stem elongation and inflorescence emergence.	40
	Prevention of boron deficiency and higher yield.	
Cotton	At first square and during flowering.	16–32
	Prevention of boron deficiency and to aid plant health during dry soil conditions.	

### CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>

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