



# Foliar Nutrition Strategies

**PRECISION**<sup>™</sup>  
LABORATORIES

Results. Expect it.®

**WUXAL**<sup>®</sup>  
Liquid Foliar Fertilizer

# High Quality Foliar Nutrition



Liquid Foliar Fertilizer

## Key Benefits of Wuxal Liquids

- Low viscosity, stable liquid
- Easy to pump and pour
- Complete micronutrient supply
- Fully chelated, cationic micronutrients
- Superchelation with EDTA reduces the water hardness of the spray solution
- Nutrients readily available to plants
- Can be applied with conventional high or low volume spraying equipment
- Compatible with most commonly used crop protection products
- High crop safety

### WUXAL LIQUID PACKAGING:

- 2 X 2.5 gal. jugs
- Minibulk
- Tanker

### PALLET QUANTITY:

- 180 gal.
- 275 gal.
- 4,000 gal

## Wuxal Super

Well-balanced NPK fertilizer for high-value crops in horticulture and agriculture

## Wuxal Top 3

The foliar fertilizer for crops with increased demands for manganese and zinc.

## Wuxal Top K

The liquid NPK fertilizer for all crops with special potassium requirements

<b>GUARANTEED ANALYSIS:</b>	
Total Nitrogen (N) .....	8.000%
2.300% Nitrate Nitrogen	
3.700% Urea Nitrogen	
2.000% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	8.000%
Soluble Potash (K <sub>2</sub> O) .....	6.000%
Boron (B) .....	0.020%
0.020% 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)	
<b>DERIVED FROM:</b>	
Phosphoric Acid, Urea-Ammonium Nitrate Solution, Ammonium Sulfate, Potassium Nitrate, Potassium Hydroxide Solution, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA.	
1 US Gallon Net Weight 10.35 lbs./gal at 68°F	Effective
pH: 5.3, Salt Index 34.4	12/15/14
	2/29/12

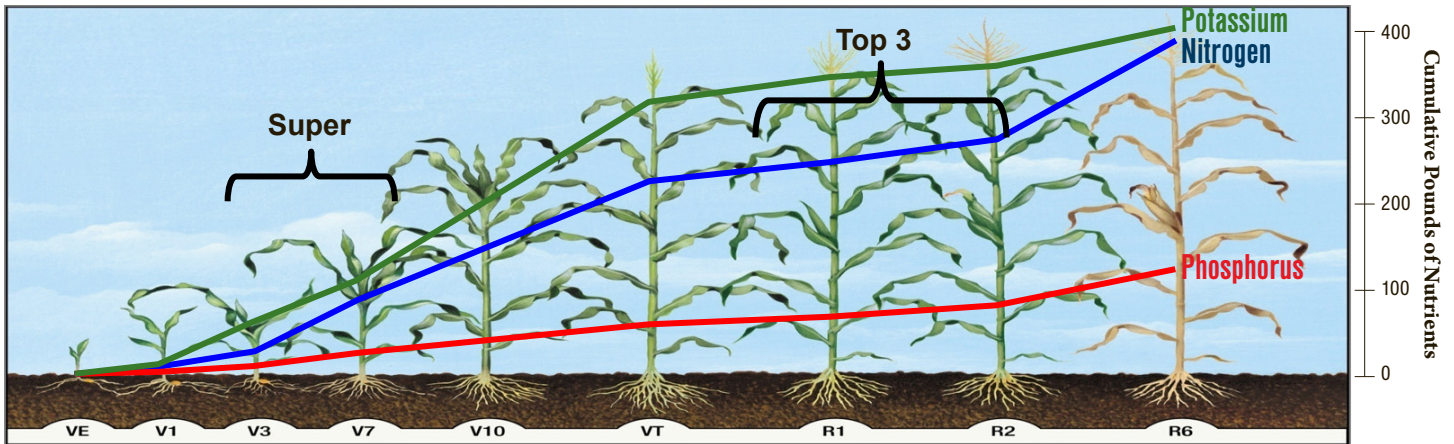
<b>GUARANTEED ANALYSIS:</b>	
Total Nitrogen (N) .....	4.000%
3.30% Ammoniacal Nitrogen	
0.70% Urea Nitrogen	
Sulfur (S) .....	1.100%
1.100% Combined Sulfur (S)	
Boron (B) .....	0.500%
0.500% Water Soluble Boron (B)	
Iron (Fe) .....	0.500%
0.500% Chelated Iron (Fe)	
Manganese (Mn) .....	2.000%
2.000% Chelated Manganese (Mn)	
Zinc (Zn) .....	2.000%
2.000% Chelated Zinc (Zn)	
<b>DERIVED FROM:</b>	
Urea, Ammonia Solution, Boric Acid, Iron EDTA, Manganese EDTA, Zinc EDTA.	
1 U.S. Gallon Net Weight 10.01 lbs.	Effective
pH: 6.5	12/15/14

<b>GUARANTEED ANALYSIS:</b>	
Total Nitrogen (N) .....	5.000%
1.000% Urea Nitrogen	
4.000% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	8.000%
Soluble Potash (K <sub>2</sub> O) .....	12.000%
Boron (B) .....	0.020%
0.020% 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)	
<b>DERIVED FROM:</b>	
Phosphoric Acid, Potassium Nitrate, Potassium Hydroxide Solution, Urea, Ammonium Borate, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA.	
1 U.S. Gallon Net Weight 10.56 lbs.	Effective
pH: 6.5, Salt Index 25.0	2/29/12



## Foliar Strategy: Corn

Growth Stage	Product	Rate/Acre	Purpose
V3 - V7	<b>Super</b>	64 fl. oz.	Balance of macro, secondary & micronutrients
R1 - R3	<b>Top 3</b>	64 fl. oz.	Delivery of N with additional manganese, zinc & boron



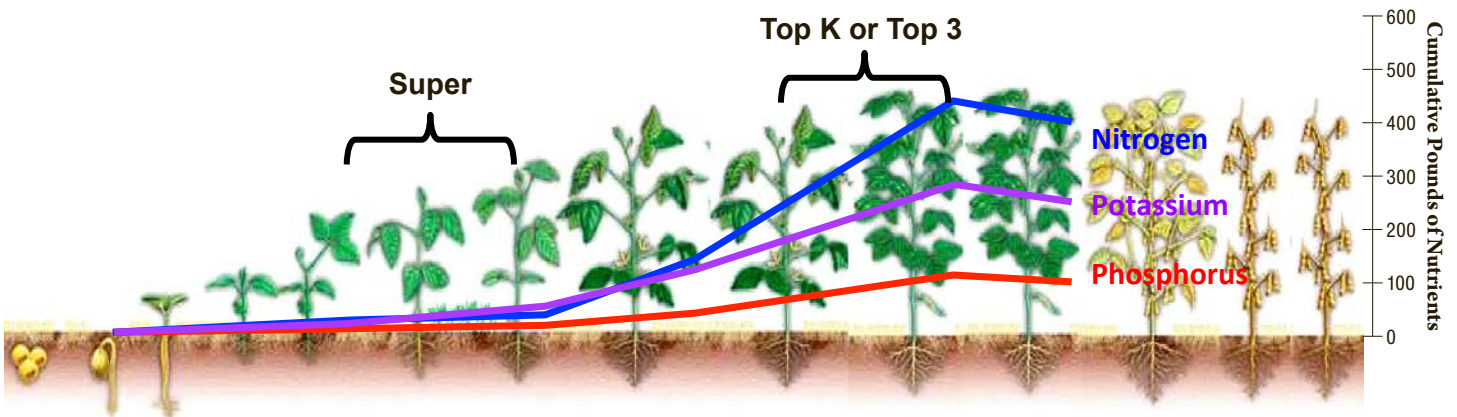
### Nutrient Delivery

Early	Rate/A	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B	Cu	Fe	Mn	Mo	Zn
<b>Super</b>	64 fl. oz.	8.0%	8.0%	6.0%	0.90%	0.02%	0.05%	0.10%	0.05%	0.001%	0.05%
Total Nutrients, Lbs		0.41	0.41	0.31	0.05	0.001	0.003	0.005	0.003	0.0001	0.003

Late	Rate/A	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B	Cu	Fe	Mn	Mo	Zn
<b>Top 3</b>	64 fl. oz.	4.0%			1.12%	0.50%		0.50%	2.00%		2.00%
Total Nutrients, Lbs		0.21			0.06	0.026		0.026	0.104		0.104

## Foliar Strategy: Soybeans

Growth Stage	Product	Rate/Acre	Purpose
V3 - V7	<b>Super</b>	64 fl. oz.	Balance of macro, secondary & micronutrients
R1 - R3	<b>Top K, or Top 3</b>	128 fl. oz., 32 - 64 fl. oz.	Foliar delivery of balanced macro & micronutrients with extra K for pod fill Delivery of N with additional manganese, zinc & boron



### Nutrient Delivery

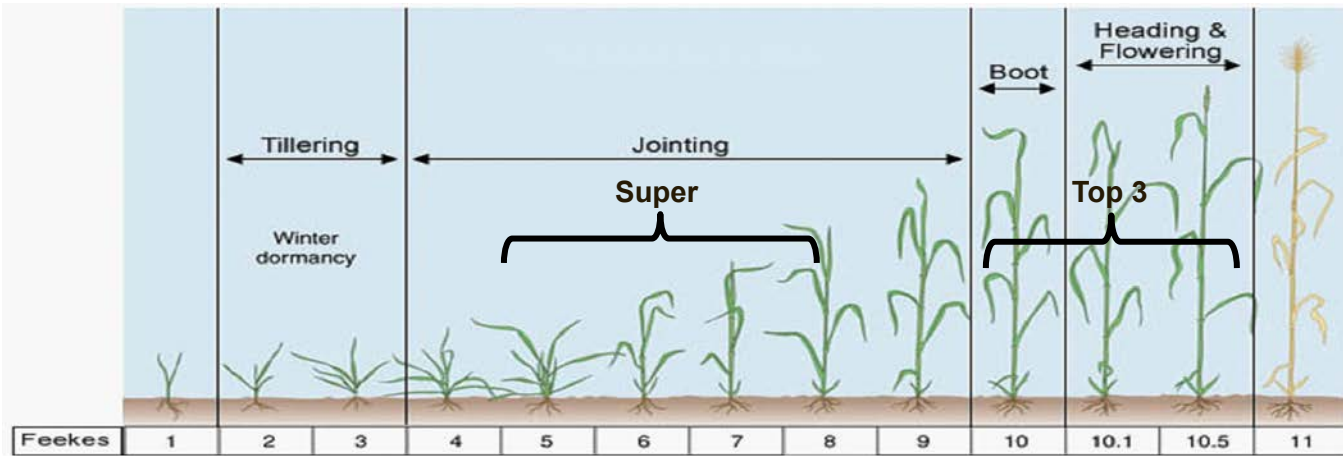
Early	Rate/A	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B	Cu	Fe	Mn	Mo	Zn
<b>Super</b>	64 fl. oz.	8.0%	8.0%	6.0%	0.90%	0.02%	0.05%	0.10%	0.05%	0.001%	0.05%
Total Nutrients, Lbs		0.41	0.41	0.31	0.05	0.001	0.003	0.005	0.003	0.0001	0.003

Late Option 1	Rate/A	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B	Cu	Fe	Mn	Mo	Zn
<b>Top K</b>	128 fl. oz.	5.0%	8.0%	12.0%	0.20%	0.02%	0.05%	0.10%	0.050%	0.001%	0.05%
Total Nutrients, Lbs		0.53			0.021	0.002	0.005	0.011	0.005	0.0001	0.005

Late Option 2	Rate/A	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B	Cu	Fe	Mn	Mo	Zn
<b>Top 3</b>	64 fl. oz.	4.0%			1.12%	0.50%		0.50%	2.00%		2.00%
Total Nutrients, Lbs		0.21			0.06	0.026		0.026	0.104		0.104

## Foliar Strategy: Wheat

Growth Stage	Product	Rate/Acre	Purpose
Jointing	<b>Super</b>	64 fl. oz.	Balance of macro, secondary & micronutrients
Boot - Heading	<b>Top 3</b>	32 - 64 fl. oz.	Delivery of N with additional manganese, zinc & boron



### Nutrient Delivery

Jointing	Rate/A	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B	Cu	Fe	Mn	Mo	Zn
<b>Super</b>	64 fl. oz.	8.0%	8.0%	6.0%	0.90%	0.02%	0.05%	0.10%	0.05%	0.001%	0.05%
Total Nutrients, Lbs		0.41	0.41	0.31	0.05	0.001	0.003	0.005	0.003	0.0001	0.003

Boot-Heading	Rate/A	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	S	B	Cu	Fe	Mn	Mo	Zn
<b>Top 3</b>	64 fl. oz.	4.0%			1.12%	0.50%		0.50%	2.00%		2.00%
Total Nutrients, Lbs		0.21			0.06	0.026		0.026	0.104		0.104