

**DATE:**

07/12/2025

**LAND USE:**

Cos Lettuce

**NAME:**

NTS

**Paddock:**

Treatment A-1st Sample

**ADDRESS:**

**SAMPLE REC:**

03/20/2025

**EMAIL:**

ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.75 %	0.5 - 1.5 %			
P - Phosphorus	0.78 %	0.4 - 0.8 %			
K - Potassium	6.02 %	1.5 - 3 %			
S - Sulphur	0.27 %	0.2 - 0.4 %			
Ca - Calcium	1.70 %	1 - 2.5 %			
Mg - Magnesium	0.69 %	0.2 - 0.8 %			
Na - Sodium	0.84 %	N/A			
Cu - Copper	20.00 ppm	10 - 50 ppm			
Zn - Zinc	290.00 ppm	20 - 200 ppm			
Mn - Manganese	315.00 ppm	N/A			
Fe - Iron	600.00 ppm	50 - 200 ppm			
B - Boron	107.00 ppm	25 - 74 ppm			
Mo - Molybdenum	19.00 ppm	0.1 - 0.4 ppm			
Si - Silicon	686.00 ppm	N/A			
Co - Cobalt	0.94 ppm	N/A			

## Notes:

- Levels at the extremes of the acceptable range may be cause for concern. Due to nutrient variations between plant varieties, crop growth stages and sampling technique, ideal leaf nutrient levels should be used as a guide only.
- For optimal plant health, aim for luxury levels of “The Big Four” nutrients (phosphorus, calcium, magnesium and boron), keeping them at the upper end of their acceptable range.

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Treatment B-1st Sample

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ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.85 %	0.5 - 1.5 %			
P - Phosphorus	0.62 %	0.4 - 0.8 %			
K - Potassium	3.51 %	1.5 - 3 %			
S - Sulphur	0.23 %	0.2 - 0.4 %			
Ca - Calcium	0.88 %	1 - 2.5 %			
Mg - Magnesium	0.43 %	0.2 - 0.8 %			
Na - Sodium	0.53 %	N/A			
Cu - Copper	45.00 ppm	10 - 50 ppm			
Zn - Zinc	139.00 ppm	20 - 200 ppm			
Mn - Manganese	105.00 ppm	N/A			
Fe - Iron	360.00 ppm	50 - 200 ppm			
B - Boron	95.00 ppm	25 - 74 ppm			
Mo - Molybdenum	13.00 ppm	0.1 - 0.4 ppm			
Si - Silicon	482.00 ppm	N/A			
Co - Cobalt	0.13 ppm	N/A			

## Notes:

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Treatment C-1st Sample

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ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	3.04 %	0.5 - 1.5 %			
P - Phosphorus	0.57 %	0.4 - 0.8 %			
K - Potassium	3.35 %	1.5 - 3 %			
S - Sulphur	0.24 %	0.2 - 0.4 %			
Ca - Calcium	0.95 %	1 - 2.5 %			
Mg - Magnesium	0.45 %	0.2 - 0.8 %			
Na - Sodium	0.52 %	N/A			
Cu - Copper	47.00 ppm	10 - 50 ppm			
Zn - Zinc	112.00 ppm	20 - 200 ppm			
Mn - Manganese	91.00 ppm	N/A			
Fe - Iron	322.00 ppm	50 - 200 ppm			
B - Boron	95.00 ppm	25 - 74 ppm			
Mo - Molybdenum	88.00 ppm	0.1 - 0.4 ppm			
Si - Silicon	431.00 ppm	N/A			
Co - Cobalt	0.11 ppm	N/A			

## Notes:

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Treatment D-1st Sample

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ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.93 %	0.5 - 1.5 %			
P - Phosphorus	0.78 %	0.4 - 0.8 %			
K - Potassium	3.88 %	1.5 - 3 %			
S - Sulphur	0.22 %	0.2 - 0.4 %			
Ca - Calcium	0.87 %	1 - 2.5 %			
Mg - Magnesium	0.42 %	0.2 - 0.8 %			
Na - Sodium	0.50 %	N/A			
Cu - Copper	51.00 ppm	10 - 50 ppm			
Zn - Zinc	172.00 ppm	20 - 200 ppm			
Mn - Manganese	145.00 ppm	N/A			
Fe - Iron	335.00 ppm	50 - 200 ppm			
B - Boron	115.00 ppm	25 - 74 ppm			
Mo - Molybdenum	22.00 ppm	0.1 - 0.4 ppm			
Si - Silicon	557.00 ppm	N/A			
Co - Cobalt	5.00 ppm	N/A			

## Notes:

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Treatment E-1st Sample

**ADDRESS:**

**SAMPLE REC:**

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ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.78 %	0.5 - 1.5 %			
P - Phosphorus	0.64 %	0.4 - 0.8 %			
K - Potassium	3.19 %	1.5 - 3 %			
S - Sulphur	0.20 %	0.2 - 0.4 %			
Ca - Calcium	0.76 %	1 - 2.5 %			
Mg - Magnesium	0.37 %	0.2 - 0.8 %			
Na - Sodium	0.43 %	N/A			
Cu - Copper	7.30 ppm	10 - 50 ppm			
Zn - Zinc	55.00 ppm	20 - 200 ppm			
Mn - Manganese	39.00 ppm	N/A			
Fe - Iron	80.00 ppm	50 - 200 ppm			
B - Boron	50.00 ppm	25 - 74 ppm			
Mo - Molybdenum	1.10 ppm	0.1 - 0.4 ppm			
Si - Silicon	574.00 ppm	N/A			
Co - Cobalt	0.07 ppm	N/A			

## Notes:

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Treatment A-2nd Sample

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ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.29 %	0.5 - 1.5 %			
P - Phosphorus	0.46 %	0.4 - 0.8 %			
K - Potassium	3.53 %	1.5 - 3 %			
S - Sulphur	0.21 %	0.2 - 0.4 %			
Ca - Calcium	0.83 %	1 - 2.5 %			
Mg - Magnesium	0.34 %	0.2 - 0.8 %			
Na - Sodium	0.34 %	N/A			
Cu - Copper	9.00 ppm	10 - 50 ppm			
Zn - Zinc	114.00 ppm	20 - 200 ppm			
Mn - Manganese	107.00 ppm	N/A			
Fe - Iron	195.00 ppm	50 - 200 ppm			
B - Boron	64.00 ppm	25 - 74 ppm			
Mo - Molybdenum	6.40 ppm	0.1 - 0.4 ppm			
Si - Silicon	409.00 ppm	N/A			
Co - Cobalt	0.25 ppm	N/A			

## Notes:

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Treatment B-2nd Sample

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03/20/2025

**EMAIL:**

ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.35 %	0.5 - 1.5 %			
P - Phosphorus	0.55 %	0.4 - 0.8 %			
K - Potassium	3.07 %	1.5 - 3 %			
S - Sulphur	0.21 %	0.2 - 0.4 %			
Ca - Calcium	0.71 %	1 - 2.5 %			
Mg - Magnesium	0.37 %	0.2 - 0.8 %			
Na - Sodium	0.36 %	N/A			
Cu - Copper	19.00 ppm	10 - 50 ppm			
Zn - Zinc	78.00 ppm	20 - 200 ppm			
Mn - Manganese	85.00 ppm	N/A			
Fe - Iron	131.00 ppm	50 - 200 ppm			
B - Boron	64.00 ppm	25 - 74 ppm			
Mo - Molybdenum	3.90 ppm	0.1 - 0.4 ppm			
Si - Silicon	362.00 ppm	N/A			
Co - Cobalt	0.10 ppm	N/A			

## Notes:

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Treatment C-2nd Sample

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ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.73 %	0.5 - 1.5 %			
P - Phosphorus	0.68 %	0.4 - 0.8 %			
K - Potassium	4.14 %	1.5 - 3 %			
S - Sulphur	0.22 %	0.2 - 0.4 %			
Ca - Calcium	1.09 %	1 - 2.5 %			
Mg - Magnesium	0.51 %	0.2 - 0.8 %			
Na - Sodium	0.60 %	N/A			
Cu - Copper	34.00 ppm	10 - 50 ppm			
Zn - Zinc	95.00 ppm	20 - 200 ppm			
Mn - Manganese	83.00 ppm	N/A			
Fe - Iron	210.00 ppm	50 - 200 ppm			
B - Boron	91.00 ppm	25 - 74 ppm			
Mo - Molybdenum	55.00 ppm	0.1 - 0.4 ppm			
Si - Silicon	544.00 ppm	N/A			
Co - Cobalt	0.14 ppm	N/A			

## Notes:

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Treatment D-2nd Sample

**ADDRESS:**

**SAMPLE REC:**

03/20/2025

**EMAIL:**

ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.77 %	0.5 - 1.5 %			
P - Phosphorus	0.74 %	0.4 - 0.8 %			
K - Potassium	3.30 %	1.5 - 3 %			
S - Sulphur	0.22 %	0.2 - 0.4 %			
Ca - Calcium	0.90 %	1 - 2.5 %			
Mg - Magnesium	0.47 %	0.2 - 0.8 %			
Na - Sodium	0.34 %	N/A			
Cu - Copper	27.00 ppm	10 - 50 ppm			
Zn - Zinc	111.00 ppm	20 - 200 ppm			
Mn - Manganese	125.00 ppm	N/A			
Fe - Iron	153.00 ppm	50 - 200 ppm			
B - Boron	88.00 ppm	25 - 74 ppm			
Mo - Molybdenum	7.90 ppm	0.1 - 0.4 ppm			
Si - Silicon	461.00 ppm	N/A			
Co - Cobalt	3.20 ppm	N/A			

## Notes:

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Treatment E-2nd Sample

**ADDRESS:**

**SAMPLE REC:**

03/20/2025

**EMAIL:**

ELEMENT OR CATEGORY	YOUR LEVEL	ACCEPTABLE RANGE	DEFICIENT	ACCEPTABLE	EXCESSIVE OR TOXIC
N - Nitrogen	2.18 %	0.5 - 1.5 %			
P - Phosphorus	0.56 %	0.4 - 0.8 %			
K - Potassium	4.19 %	1.5 - 3 %			
S - Sulphur	0.19 %	0.2 - 0.4 %			
Ca - Calcium	1.11 %	1 - 2.5 %			
Mg - Magnesium	0.43 %	0.2 - 0.8 %			
Na - Sodium	0.47 %	N/A			
Cu - Copper	7.60 ppm	10 - 50 ppm			
Zn - Zinc	48.00 ppm	20 - 200 ppm			
Mn - Manganese	43.00 ppm	N/A			
Fe - Iron	64.00 ppm	50 - 200 ppm			
B - Boron	44.00 ppm	25 - 74 ppm			
Mo - Molybdenum	0.73 ppm	0.1 - 0.4 ppm			
Si - Silicon	609.00 ppm	N/A			
Co - Cobalt	0.08 ppm	N/A			

## Notes:

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