Stoller®

Lettuce Strategies

Nutrition Strategies for Field Lettuce

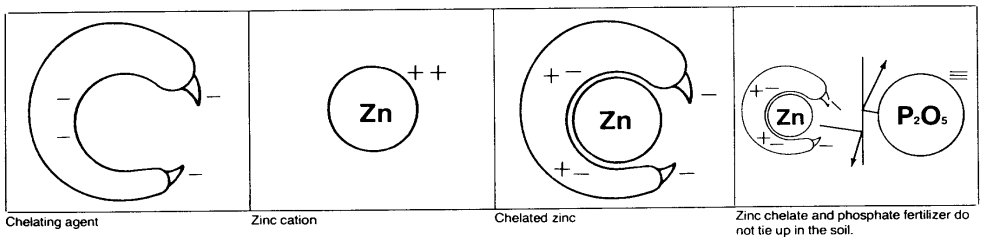
Stoller Crop Health Leader

Stoller Australia is a leading supplier of liquid and specialty horticultural fertiliser products. Stoller has a range of products and customised programs for field lettuce, with which we have been working worldwide for over 30 years.

STOLLER LIQUID PRODUCTS FOR FIELD LETTUCE NUTRITION

Stoller's White Label Chelate™

The function of a Stoller chelate is to chemically combine a positively charged cation (Zinc, Manganese, Copper, Iron, Magnesium, or Calcium) with an organic, negatively charged chelating agent. The organic molecule surrounds the positive charged metal and protects the newly chelated form of cation from chemical tie up in the soil, on the leaf, and in the boomspray tank. Stoller White Label Chelates are highly effective both as a foliar spray or when fertigated through the irrigation system.



Stoller's SETT™

11% Ca w/v, 1.4% B w/v: - Foliar applied to the plant during the growing season; SETT contains a highly available form of boron to help fix the calcium into new cell walls.

Stoller's Foli-Zyme™

N 15% w/v, K 3% w/v, Ca 4.0% w/v, + TE. - Foliar applied Foli-Zyme is a full nutrient blend to the above ground plant parts. In addition the product contains growth activators. These assist with maintaining healthy growth when under stress and temperature extremes. For recovery from frost damage apply 2 to 3 days after the application of Bio-Forge.

Stoller's Bio-Forge™

N 2.0% w/v, K 2.5 w/v: - Bio-Forge is foliar applied when a crop is under stress from any source. One application per season of Bio-Forge will help a plant recover from stress and maintain growth in difficult conditions.

Stoller's RootFeed™

12% N w/v, Ca 8.5% w/v, Mg 2% w/v: - RootFeed is fertigated via the soil and is a structural form of nitrogen, calcium and magnesium with Stoller's special mix of natural growth activators. RootFeed is designed to stimulate root growth to enhance nutritional uptake to the plant.

Stoller's Nutri-pHLow ™

3% N w/v, 15% P w/v, K 2.5% w/v, Mg 0.5% w/v, B 0.1% w/v, Cu 0.1% w/v, Fe 0.3% w/v, Mn 0.25% w/v, Mo 0.002% w/v, Zn 0.5% w/v. NutriPhlow is fertigated via the soil and is a multi nutrient liquid fertiliser which contains most nutrient elements.

Stoller's Harvest Plus™

2% N w/v, 10% P w/v, 20% K w/v: - Harvest Plus is fertigated via the soil. It has a high analysis of potassium and is used as fruit is maturing when higher amounts of potassium are required by the plant.

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Stoller Australia's Liquid Nutrition Program for Field Lettuce

	Seedling Establishment (week 1-2)	Vegetative growth (weeks 3-4 summer weeks 3-7 winter)	Cupping Stage (weeks 5 summer weeks 7-8 winter)	Heading stage (weeks 6 - 8 summer weeks 9-14 winter)	Heat Stress	Frost Damage	
FOLIAR		Stoller's ZM^2 4 - 5 L/Ha	Stoller's ZM^2 4 - 5 L/Ha	Stoller's ZM^2 4 - 5 L/Ha			
FOLIAR			Stoller's Harvest Plus 5L/Ha	Stoller's Harvest Plus 5L/Ha			
FOLIAR		Stoller's SETT 5L/Ha	Stoller's SETT 5L/Ha	Stoller's SETT 5L/Ha			
FOLIAR					Stoller's Bio-Forge 1.2 L/ha	Stoller's Bio-Forge 1.2 L/ha	
FOLIAR	Stoller's Foli-Zyme 5 L/ha fortnightly					Stoller's Foli-Zyme 5 L/ha	
FERTIGATED	Stoller's RootFeed 20L/ha/ fortnight	Stoller's RootFeed 20L/ha/ fortnight	Stoller's RootFeed 20L/ha/ fortnight	Stoller's RootFeed 20L/ha/ fortnight			
FERTIGATED		Stoller's Nutri-pHLow 20 L/Ha		Stoller's Nutri-pHLow 20 L/Ha			
FERTIGATED			Stoller's Harvest Plus 9L/Ha	Stoller's Harvest Plus 9L/Ha			

Stoller's ZM_2
(Zn 3.6%, Mn 3.6%, Mg 3.6%, S 5% w/v)

Stoller's SETT
(Ca 11 %, B 1.4% w/v)

Stoller's RootFeed
(N 12%, Ca 8.5%, Mg 2% w/v)

Stoller Bio-Forge
N 2%, K 2.5% w/v

Foli-Zyme
(N 15.0%, K 3.0%, Ca 4.0% +TE w/v)

Stoller's Nutri-pHLow
(N 3%, P 15%, K 2.5%, Mg 0.5 % + T.E.)

Stoller's Harvest Plus
(N 2%, P 10%, K 20% w/v)

The above program is a guide only, before beginning any altered program consult your Stoller Agronomist. This liquid program does not replace normal granular fertilisation.

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