Foliarfert.com Hi-Trace Product guide

Read label carefully before using Hi-Trace products.

Precautions

- Keep out of reach of children
- Store in original container tightly closed
- Store away from foodstuffs
- Do Not store in direct sunlight
- Avoid contact with skin and eyes and inhalation of spray mist
- Do not eat, drink or smoke while using
- Wash hands after use
- Some products can be toxic to stock. Check other label for stock precautions.
- Triple rinse container and add residue to spray tank.
- Burn container if circumstances, especially wind direction allow, otherwise crush and bury in suitable landfill.
- Avoid contamination of any water supply with element or empty container.

Directions for use.

Add the required amount of Hi-Trace product to a partly filled spray tank while agitating. Top up tank.

Can be applied in minimum of 50L/ha water

Compatibility: Hi-Trace products are compatible with most insecticide, fungicide and herbicide formulations that are commonly used. Check each label for further compatibility.

Hi-Trace Calcium:

Improves soil structure, aeration and drainage. Controls plant absorption of other nutrients. Protects plants from disease. Improves stock health

Hi-Trace Magnesium:

Essential component of chlorophyll. Acts as a carrier of Phosphorous. Important for animal health, nerves, mineral balance, etc.

Hi-Trace Sodium:

Controls osmotic pressure within the plants cells. Helps assimilate Potassium. Essential for animal health.

Hi-Trace Iron:

Helps with chlorophyll. Essential for blood. Lack of, results in loss of weight, scouring and general ill thrift.

Hi-Trace Manganese:

Controls germination and maturity of plants. Increases the availability of Calcium, Magnesium and Phosphorous. Assists in Photosynthesis, animal reproduction and birth. Lack of, suppresses animal production, will cause birth deformities and lowers conception rate.

Hi-Trace Zinc:

Important for plant animal health. Affects chlorophyll production. Affects animal growth rates, reproduction, skin diseases, feet disorders and disease resistance.

Hi-Trace Copper:

Related to Molybdenum. High Molybdenum suppresses Copper in stock. Low Copper leads to performance, browning of the hair, and scouring. Often confused with worn infestation in stock.

Hi-Trace Boron:

Lack of Boron stunts growth. Controls the levels of Nitrate within the plant. Improves stock health. Involved in plant reproduction. Increases fruit and seed production

Hi-Trace Molybdenum:

Increases nodulation of clovers. Essential for micro-organisms and beneficial soil activity.

Hi-Trace Cobalt:

Essential component in vitamin B12.

Used by Rumen organisms, important in digestive process. Lack of decreases appetite. Involved with conception. A cobalt supplement during mating increases conception.

Hi-Trace Selenium:

Prevents white muscle disease. Improves animal growth rates. Improves milk production.

For more information check the website at www.foliarfert.com or email to peter@foliarfert.com

	MIXED PASTURE (Leaf)		BARLEY (Leaf)				WHEAT (Leaf)				MAIZE (Leaf)				PEAS (Leaf)		LUCERNE (Leaf)		WHITE CLOVER (Leaf)		BRASSICAS (Leaf)	
	Level	L/ha	Late Tiller	L/ha	Ear Emergence	L/ha	Tiller	L/ha	Ear Emergence	L/ha	Seedling	L/ha	50% Silk	L/ha	Level	L/ha	Level	L/ha	Level	L/ha	Level	L/ha
CALCIUM (%) in leaf	< .45	5	< .30	5	< .30	5	< .40	5	< .20	5	< .90	5	< .40	5	< 1.50	5	< .51	5	< .80	5	< .50	5
	.45 - 1.00	3	.30 - 1.00	5	.30 - 1.20	3	.40 - 1.00	3	.20 - .50	3	.90 - 1.60	3	.40 - .80	3	1.50 - 2.50	3	.51 - 3.00	3	.80 - 2.50	3	.50 - 4.00	3
MAGNESIUM (%)	< .20	5	< .15	5	< .15	5	< .12	5	< .15	5	< .30	5	< .13	5	< .25	5	< .31	5				
	.20 - .25	3	.15 - .30	3	.15 - .50	3	.12 - .25	3	.15 - .50	3	.30 - .80	3	.13 - .25	3	.25 - .40	3	.31 - 1.00	3				
SODIUM (%)	< .15	4	0 - .10	4	0 - .10	4	0 - .10	3	0 - .10	3	0 - .10	3	0 - .06	3	0 - .40	3	0 - 0.05	4	< .07	3	.00 - 1.00	2
	.15 - .25	2																	.07 - .40	2		
IRON (ppm)	< 100	1	< 50	1	< 50	1	< 50	1	< 25	1	< 50	1	< 30	1	<50	1	< 30	1	< 50	1	< 50	1
	100 - 250	850 ml	50 - 150	800 ml	50 - 150	800 ml	50 - 150	800 ml	25 - 100	800 ml	50 - 300	850 ml	30 - 250	850 ml	50-100	800 ml	30 - 250	850 ml	50 - 200	800 ml	50 - 200	800 ml
MANGANESE (ppm)	< 40	1	< 30	1	< 25	1	< 30	1	< 25	1	< 50	1	< 18	1	<30	1	< 30	1	< 25	1	< 25	1
	40 - 150	850 ml	30 - 100	850 ml	25 - 100	850 ml	30 - 150	800 ml	25 -100	800 ml	50 - 160	850 ml	18 - 140	850 ml	30-300	800 ml	30 - 100	800 ml	25 - 100	800 ml	25 - 300	800 ml
Zinc ppm	< 30	1.5	< 20	2	< 15	2	< 25	2	< 15	2	< 20	2	< 22	2	<20	2	> 20	2	< 16	2	< 20	2
	30 - 50	1	20 - 60	1.5	15 - 70	1.5	25 - 70	1.5	15 - 70	1.5	20 - 60	1.5	22 - 85	1.5	20-100	1.5	20 - 70	1.5	16 - 30	1.5	20 - 200	1.5
COPPER (ppm)	< 5	1	< 5	1	< 5	1	< 7	1	< 5	1	< 7	1	< 8	1	<5	1	< 5	1	< 6	1	< 5	1
	5-15	750 ml	6-12	750 ml	5-25	750 ml	7-15	750 ml	5-15	750 ml	7-20	750 ml	8-20	750 ml	5-20	750 ml	5-30	750 ml	6-12	750 ml	5-25	750 ml
BORON (ppm)	< 10	2	< 6	2	< 5	2	< 6	2	< 6	2	< 7	2	< 4	2	<20	2			< 18	2	< 25	2
	10-15	1.5	6-12	1.5	5-10	1.5	6-12	1.5	6 - 10	1.5	7-25	1.5	4-25	1.5	20-80	1.5			18 - 30	1.5	25 - 150	1.5
COBALT (ppm)	< .10	600 ml															< .9	150 ml	< .30	150 ml		
	.10 - .15	450 ml															.9 - 2.00	100 ml	.30 - 1.5	100 ml		
MOLYBDENUM (ppm)	< .50	150 ml																				
	.50 - 2.00	100 ml																				
SELENIUM (ppm)	< .05	600 ml																				
	.05 - .10	450 ml																				