

# Application Rates for Crops using Foliarfert.com's Hi-Trace products

All rates are based on leaf samples

	AVOCADO		APPLE		CITRUS		GRAPES				PINUS RADIATA		CHOUMOLLIER		TURNIPS		POTATOES			
	Level	L/ha	Level	L/ha	Level	L/ha	Flowering		Ripening		Level	L/ha	Level	L/ha	Level	L/ha	Early season		Mid season	
							Level	L/ha	Level	L/ha							Level	L/ha	Level	L/ha
CALCIUM (%)	< 1.00	5	< 1.00	5	< 3.00	5	< 1.40	5	< 2.00	5	< .08	5	< .50	5	< 1.80	5	< 1.50	5		
	1.00 - 3.00	3	1.00 - 2.00	3	3.00 - 5.50	3	1.40 - 2.50	3	2.00 - 4.00	3	.08 - .45	3	.50 - 4.00	3	1.80 - 4.00	3	1.50 - 3.00	3		
MAGNESIUM (%)	< .25	5	< .25	5	< .26	5	< .31	5	< .20	5	< .10	5	< .20	5	< .30	5	< .25	5	< .25	5
	.25 - .80	3	.25 - .35	3	.26 - .60	3	.31 - .80	3	.20 - .50	3	.10 - .40	3	.20 - .70	3	.30 - .60	3	.25 - .80	3	.25 - .80	3
SODIUM (%)	0.00 - 1.00	3	0.00 - 0.10	3	0.00 - 0.16	2	< .02	2	< .05	2	0 - 0.05	2	0.00 - 1.00	2	0.00 - 0.35	3	0.00 - 0.10	2		
							.02 - .50	1	.05 - .12	1										
IRON (ppm)	< 50	1	< 60	1	< 60	1	< 31	1	< 40	1	< 70	1	< 50	1	< 50	1	< 70	1		
	50 - 200	850 ml	60 - 250	850 ml	60 - 120	850 ml	31 - 100	750 ml	40 - 100	750 ml	70 - 200	850 ml	50 - 200	850 ml	50 - 150	850 ml	70 - 150	750 ml		
MANGANESE (ppm)	< 30	1	< 50	1	< 25	1	< 25	1	< 41	1	< 25	1	< 25	1	< 30	1	< 30	1		
	30 - 500	850 ml	50 - 160	850 ml	25 - 200	850 ml	25 - 200	800 ml	41 - 100	800 ml	25 - 400	750 ml	25 - 300	850 ml	30 - 300	800 ml	30 - 450	850 ml		
ZINC (ppm)	< 30	1.5	< 20	1.5	< 25	1.5	< 25	2	< 18	2	< 14	2	< 20	1.5	< 20	2	< 20	2		
	30 - 150	850 ml	20 - 50	1	25 - 100	1	25 - 50	1	18 - 34	1	14 - 64	1	20 - 200	1	20 - 100	1	20 - 40	1		
COPPER (ppm)	< 5	1	< 5	1	< 5	1	< 5	1	< 26	1	< 3	1	< 5	1	< 5	1	< 6	1		
	5 - 15	750 ml	5 - 20	750 ml	5 - 16	600 ml	5 - 20	750 ml	26 - 40	750 ml	3 - 9	750 ml	5 - 25	600 ml	5 - 25	700 ml	6 - 15	750 ml		
BORON (ppm)	< 35	2	< 20	2	< 31	2	< 31	2	< 31	2	< 16	2	< 25	2	< 30	2	< 30	2		
	35 - 80	1.5	20 - 50	1.5	31 - 100	1.5	31 - 50	1	31 - 50	1	16 - 70	1.5	25 - 150	1.5	30 - 150	1	30 - 50	1		
	ASPARAGUS				BROCCOLI		CARROTS		GARLIC		ONIONS				PUMPKIN/SQUASH		TOMATOES		KUMARAS	
	Fern		Spear		Level	L/ha	Level	L/ha	Level	L/ha	Level	L/ha	Level	L/ha	Level	L/ha	Level	L/ha	Level	L/ha
	Level	L/ha	Level	L/ha																
CALCIUM (%)	< 40	5	< 30	5	< 1.20	5	< 1.4	5	< 1.00	5	< 1.00	5	< 1.00	5	< 2.5	5	< 1.2	5	< .70	5
	.40 - .80	3	.30 - .40	3	1.20 - 2.50	3	1.4 - 3.0	3	1.00 - 1.80	3	1.00 - 2.50	3	1.00 - 2.00	2	2.5 - 5.0	3	1.2 - 2.00	3	.70 - 1.10	3
MAGNESIUM (%)	< .15	5	< .15	5	< .20	5	< .20	5	< .23	5	< .30	5	< .25	5	< .30	5	< .40	4	< .25	5
	.15 - .20	3	.15 - .20	3	.20 - .70	3	.20 - .50	3	.23 - .30	3	.30 - .50	3	.25 - .35	3	.30 - 1.50	3	.40 - .70	3	.25 - .70	3
SODIUM (%)	.02 - .10	3	.01 - .05	3	0.00 - 1.00	3	0.00 - 2.00	2	0.00 - 0.50	3	0.00 - .40	2	.05 - .10	2	0 - 0.35	3	0.08 - 0.15	2	0.00 - 0.20	3
	< 40	1	< 50	1	< 50	1	< 50	1	< 50	1	< 60	1	< 50	1	< 50	1	< 80	1	< 70	1
IRON (ppm)	40 - 150	750 ml	50 - 150	750 ml	50 - 200	850 ml	50 - 350	850 ml	50 - 150	750 ml	60 - 300	750 ml	50 - 150	750 ml	50 - 300	750 ml	80 - 200	850 ml	70 - 150	750 ml
	< 25	1	< 20	1	< 25	1	< 30	1	< 50	1	< 30	1	< 50	1	< 60	1	< 50	1	< 30	1
MANGANESE (ppm)	25 - 100	850 ml	20 - 40	850 ml	25 - 200	850 ml	30 - 350	850 ml	50 - 150	750 ml	30 - 300	850 ml	50 - 150	850 ml	60 - 400	750 ml	50 - 250	850 ml	30 - 250	750 ml
	< 10	2	< 80	2	< 20	1.5	< 25	1.5	< 18	2	< 25	2	< 18	2	< 20	2	< 30	1.5	< 20	2
ZINC (ppm)	10 - 60	1	80 - 120	1	20 - 200	850 ml	25 - 50	1	18 - 30	1.5	25 - 100	1	18 - 30	1	20 - 60	1	30 - 60	1	20 - 100	1
	< 6	1	< 7	1	< 5	1	< 5	1	> 8	1	< 6	1	< 8	1	< 8	1	< 15	1	< 5	1
COPPER (ppm)	6 - 12	750 ml	7 - 20	750 ml	5 - 20	750ml	5 - 25	600 ml	8 - 15	750 ml	43983	750 ml	8 - 15	750 ml	8 - 20	750 ml	15 - 50	500 ml	5 - 20	750 ml
	< 50	2	< 50	2	< 25	2	< 30	2	< 20	2	< 25	2	< 20	2	< 30	2	< 30	2	< 25	2
BORON (ppm)	50 - 100	1	50 - 100	1	25 - 60	1.5	0 - 60	1.5	20 - 50	1.5	25 - 50	1	20 - 30	1	30 - 200	1	30 - 60	1	25 - 80	1