



INTERNATIONAL AG LABS, INC

CONSULTING AND ANALYTICAL CHEMISTS

FERTILIZERS * FEEDS * SOILS * WATER

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NAME:	Air 8Tors Ltd.	DATE:	7/8/09
ADDRESS:	PO Box 14256	SAMPLE TESTED:	Frost Block 3
CITY/STATE:	Tauranga	2008 CROP GROWN:	
		2009 CROP GROWN:	
		LAB TEST#	4562

SOIL ANALYSIS REPORT

Nutrient	Measure	Desired Ratio	Desired Level	Jun-09	Jun-10	
Humus			30-40	20	10	
Nitrates	lbs. / Acre		40	15	60	
Ammonia	lbs. / Acre		40	10	4	
Phosphorus	lbs. / Acre	1P:1K	174	39	74	2009 P - K ratio = 11.28 - 1
Potassium	lbs. / Acre		167	440	370	2010 P -K ratio = 5 - 1
Calcium	lbs. / Acre	7Ca:1Mg	3,000	220	649	Desired ratio = 2-1
Magnesium	lbs. / Acre		429	62	90	
Sodium	PPM		<35	8	8	
ERGS	μS/Centimeter		200	149	206	2009 Ca to Mag ration = 3.5
ORP			28	24	24	2010 Ca to Mag ratio = 7.2 -
pH			6.5	5.6	5.1	Desired ratio 7-1
Copper	PPM		0.8-2.5	2.1	3.8	
Iron	PPM		10-25	177.2	132.6	
Zinc	PPM		1-6	2.8	12.7	
Manganese	PPM		8-30	4.1	12.2	
Boron	PPM		0.8-1.2	1.0	1.0	
Sulfur	PPM		30	26	20	
Formazan	PPM		600	Not Tested		
C.E.C. Test						
Phosphorus						
Bray 1	(ppm)			155	324	
Olsen	(ppm)			82	170	
Potassium	(ppm)			117	115	
Calcium				388.83	712.83	
Magnesium				105.77	99.84	
Sodium				8	8	
Organic Matter	%			6.846	6.684	
pH				5.6	5.1	
K	%		2-5%	1.7	1.2	
Ca	%		60-70%	11.2	15.0	
Mg	%		10-20%	5.1	3.5	
Na	%		0.5-3%	0.2	0.1	
C.E.C	meq/100g			3.2		
Acidity	meq/100g			14.2		