

NUTRIENT MANAGEMENT FOR HEMP & CANNABIS



LEAF EXTRACT ANALYSIS

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apical Leaf Extract Analysis TM				SAMPLE # 1/14/1916			
NAME ****				CROP Cannabis			
SAMPLE DATE 10/31/2018				CULTIVAR Animal Cookies			
FIELD ID				GROWTH STAGE			
BLOCK				HEALTH OF CROP			
				PEST/DISEASE NOTES			
				GENERAL NOTES Low P, K, Mg, Mn, Ca (total), NO3.			
ANALYTE	%	GRADIENT (PPM)	% DIFFERENCE	ANALYTE	%	GRADIENT (PPM)	% DIFFERENCE
PRIMARY INDICATORS				PRIMARY INDICATORS			
pH New	7.50	-0.1	-1%	EC New (mS/cm)	8.60	-10.2	-119%
pH Old	7.60	0.1	1%	EC Old (mS/cm)	18.80	10.2	54%
Digital Brix New	10.20	0.7	7%	Qualitative Brix New	10.00	0.6	6%
Digital Brix Old	9.50	-0.7	-7%	Qualitative Brix Old	9.40	-0.6	-6%
MAJOR CATIONS				MAJOR ANIONS			
NH4-Ammonium New	438.50	21	5%	NO3-Nitrate New	3406.00	845.50	25%
NH4-Ammonium Old	417.50	-21	-5%	NO3-Nitrate Old	2560.50	-845.50	-33%
K-Potassium New	1093.65	95.2	9%	P-Phosphorous New	692.30	319.77	46%
K-Potassium Old	998.45	-95.2	-10%	P-Phosphorous Old	372.53	-319.77	-86%
	PPM	GRADIENT (PPM)	% DIFFERENCE		PPM	GRADIENT (PPM)	% DIFFERENCE
Mg-Magnesium New	1433.90	249.81	17%	SECONDARY ANIONS			
Mg-Magnesium Old	1184.09	-249.81	-21%	S-Sulfur New	1326.27	-690.12	-52%
Ca-Calcium New	865.69	28.87	3%	S-Sulfur Old	2016.39	690.12	34%
Ca-Calcium Old	836.82	-28.87	-3%	Cl-Chloride New	1025.00	-195	-19%
Na-Sodium New	55.07	0.48	1%	Cl-Chloride Old	1220.00	195	16%
Na-Sodium Old	54.59	-0.48	-1%	Si-Silicon New	49.44	-5.33	-11%
	PPM	GRADIENT (PPM)	% DIFFERENCE	Si-Silicon Old	54.77	5.33	10%
MINOR CATIONS				MINOR ANIONS			
Fe-Iron New	89.91	-6.78	-8%	I-Iodine New	0.00	0	#DIV/0!
Fe-Iron Old	96.69	6.78	7%	I-Iodine Old	0.00	0	#DIV/0!
Mn-Manganese New	8	2.06	26%	B-Boron New	14	-2.25	-16%
Mn-Manganese Old	6.01	-2.06	-34%	B-Boron Old	16.02	2.25	14%
Zn-Zinc New	8.27	1.26	15%	Mo-Molybdenum New	0.58	-0.07	-12%
Zn-Zinc Old	7.01	-1.26	-18%	Mo-Molybdenum Old	0.65	0.07	11%
Cu-Copper New	2	-0.22	-9%	Al-Aluminum New	2.26	0	0%
Cu-Copper Old	2.66	0.22	8%	Al-Aluminum Old	2.26	0	0%
NEW LEAF / OLD LEAF RATIOS (% DIFFERENCE)				NEW LEAF / OLD LEAF RATIOS (% DIFFERENCE)			
K New/Old	Mg New/Old	Ca New/Old	Na New/Old	P New/Old	S New/Old	Cl New/Old	Si New/Old
Fe New/Old	Mn New/Old	Zn New/Old	Cu New/Old	I New/Old	B New/Old	Mo New/Old	Al New/Old
CALCIUM RATIOS				LIMITING INDICATORS			
Ca/K New	Ca/K Old	MOBILE INDICATORS		IMMOBILE INDICATORS			