



SOIL ANALYSIS – COMPARATIVE HA Unit Test Results (Activated [Ceramic Ore] vs Non-Activated)

LBS/AC/6"Deep	NON	CERAMIC		NON	CERAMIC		NON	CERAMIC	50% less	NON	CERAMIC		NON	CERAMIC		NON	CERAMIC
	25-Apr	25-Apr		28-May	28-May		25-June	25-June	Nitrogen	2-Aug	2-Aug		4-Sep	4-Sep		8-Oct	8-Oct
AMONIA NH3-N	12	9.4		6.4	8.6		7.5	7.9	fertilizer	4.2	6.6		3.5	4.3		3.3	3.6
NITRATE NO3-N	6.1	11		9.9	16		<4	4.9	And 33%	13	19		9.7	12		<4	15
TOTAL N	18	20		16	24		11	13	less water	18	25		13	16		7.2	19
PHOSPOROUS	420	410		390	480		340	250		470	470		460	490		300	350
POTASSIUM	750	400		250	730		400	440		390	390		260	340		270	420
CALCIUM Ca	5700	3800		3800	12000330		6100	6400		5100	5300		3900	4600		4900	6500
MAGNESIUM	550	440		330	790		350	490		420	570		360	410		470	540
SULFATE SO4-S	1000	270		620	1400		760	400		62	130		66	190		250	120
SODIUM Na	83	110		72	210		110	140		92	91		94	63		280	120
CHLORIDE Cl	45	150		68	270		39	79		38	36		49	32		350	170
Ece	2.5	1.5		1.8	3.3		2.1	1.4		0.67	0.88		0.76	1		2	1.2
COPPER Cu	0.87	1.1		1.3	2.5		2	1.4		2.2	1.8		1.1	1.2		1.5	1.7
ZINC Zn	4.8	5.5		7.1	13		8.3	6		8.8	7		5.5	6.3		6	7.1
IRON Fe	55	49		48	64		79	66		110	91		66	63		100	100
MANGANESE	6.7	3.8		5.8	6.9		6	4.7		9.2	8		3.7	4.9		5.2	4.5
BORON B	1.2	2.4		2.4	5.9		2.4	1.2		1.4	1.3		0.64	1.1		1.1	1.5
CEC	18	12		11	35		17	19		15	16		12	14		15	19
ESP	1	1.9		1.4	1.3		1.4	1.6		1.3	1.2		1.7	0.99		4	1.3
Ph	7.2	6.9		7.3	7.2		7.2	7.2		7.4	7.5		7.2	6.8		7.4	7.5