

WSARE Project Compost Analysis
 Septmeber 11, 2020

Analysis	Units	----- Compost ID-----			
		1	2	3	4
Soluble Salts	mmho/cm	66.56	75.05	25.11	32.70
pH	-----	7.00	6.90	8.10	8.50
Total C:N	-----	7.94	13.07	17.76	11.17
Total Carbon	%	32.65	24.18	24.68	11.50
Total Nitrogen	%	4.11	1.85	1.39	1.03
Organic Nitrogen	%	3.57	1.59	1.37	0.96
Inorganic Nitrogen	%	0.541	0.258	0.017	0.070
Ammonium	%	0.538	0.239	0.017	0.007
Nitrate	%	0.003	0.019	0.000	0.063
Phosphorus	%	5.06	6.48	1.61	1.04
Potassium	%	4.40	4.20	2.26	1.72
Sulfur	%	0.72	1.77	1.15	0.59
Calcium	%	8.77	9.01	7.22	3.65
Magnesium	%	0.85	1.24	0.99	1.02
Sodium	%	0.84	1.01	0.36	0.37
Zinc	ppm	525.30	573.40	274.30	155.20
Iron	ppm	1498.60	5759.60	9613.30	14523.00
Manganese	ppm	507.60	719.00	247.00	271.80
Copper	ppm	54.20	913.00	46.10	54.90
Boron	ppm	51.10	315.60	40.90	30.00
Total Carbon	lbs/ton	620.10	458.80	468.10	222.60
Total Nitrogen	lbs/ton	82.20	37.00	27.80	20.60
Organic Nitrogen	lbs/ton	71.40	31.80	27.40	19.20
Inorganic Nitrogen	lbs/ton	10.82	5.16	0.34	1.40
Ammonium	lbs/ton	10.76	4.78	0.34	0.14
Nitrate	lbs/ton	0.06	0.38	0.00	1.26
Phosphorus	lbs/ton	101.20	129.60	32.20	20.80
Potassium	lbs/ton	88.00	84.00	45.20	34.40
Sulfur	lbs/ton	14.40	35.40	23.00	11.80
Calcium	lbs/ton	175.40	180.20	144.40	73.00
Magnesium	lbs/ton	17.00	24.80	19.80	20.40
Sodium	lbs/ton	16.80	20.20	7.20	7.40
Zinc	lbs/ton	1.05	1.15	0.55	0.31
Iron	lbs/ton	3.00	11.52	19.23	29.05
Manganese	lbs/ton	1.02	1.44	0.49	0.54
Copper	lbs/ton	0.11	1.83	0.09	0.11
Boron	lbs/ton	0.10	0.63	0.08	0.06