

REPORT NO. C23011-80000
ACCOUNT NO. 06236



TO: SCHLEGEL POULTRY COMPOST
174298 PUTNAM RD
LINE 17
PUTNAM, ON N0L 2B0

COMPOST ANALYSIS

LAB NUMBER: 118001
SAMPLE ID: OTB-1W

DATE RECEIVED: 2023-01-11
DATE REPORTED: 2023-01-13
DATE PRINTED: 2023-01-13

PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	51 %	
Nitrogen (Total)	1.484 %	29.7
NH4-N	1876 ppm	3.8
Phosphorus (Total)	1.0698 %	
Phosphate (P as P2O5) **	2.4605 %	49.2
Potassium (Total)	0.6031 %	
Potash (K as K2O) **	0.7237 %	14.5
Organic Matter *	17.9 %	
pH	7.90	
Carbon:Nitrogen Ratio (C:N)	7 : 1	
Bulk Density (as Recieved)	537 kg/m3	
Sulfur	3107.2 ppm	
Conductivity (@ 25 deg C)	7.81 ms/cm	
Sodium	0.18 %	3.5
Aluminum	1245.9 ppm	
Boron	13.7 ppm	
Calcium	4.1319 %	82.6

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	194.2 ppm	
Iron	2704.4 ppm	
Magnesium	0.6253 %	12.5
Manganese	443.5 ppm	
Zinc	288.0 ppm	

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LAB NUMBER: 118002
SAMPLE ID: OTB-2M

DATE RECEIVED: 2023-01-11
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	47.9 %	
Nitrogen (Total)	1.534 %	30.7
NH4-N	2620 ppm	5.2
Phosphorus (Total)	1.0496 %	
Phosphate (P as P205) **	2.4141 %	48.3
Potassium (Total)	0.8108 %	
Potash (K as K2O) **	0.9730 %	19.5
Organic Matter *	22.4 %	
pH	8.51	
Carbon:Nitrogen Ratio (C:N)	8 : 1	
Bulk Density (as Recieved)	524 kg/m3	
Sulfur	3223.5 ppm	
Conductivity (@ 25 deg C)	6.83 ms/cm	
Sodium	0.17 %	3.4
Aluminum	1079.0 ppm	
Boron	16.5 ppm	
Calcium	3.0033 %	60.1

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	227.6 ppm	
Iron	2324.2 ppm	
Magnesium	0.5557 %	11.1
Manganese	398.2 ppm	
Zinc	317.1 ppm	

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LAB NUMBER: 118003
SAMPLE ID: OTB-3E

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	45.7 %	
Nitrogen (Total)	1.940 %	38.8
NH4-N	6295 ppm	12.6
Phosphorus (Total)	1.0205 %	
Phosphate (P as P2O5) **	2.3472 %	46.9
Potassium (Total)	1.0897 %	
Potash (K as K2O) **	1.3076 %	26.2
Organic Matter *	20.3 %	
pH	8.58	
Carbon:Nitrogen Ratio (C:N)	6 : 1	
Bulk Density (as Recieved)	522 kg/m3	
Sulfur	4113.4 ppm	
Conductivity (@ 25 deg C)	13.72 ms/cm	
Sodium	0.23 %	4.7
Aluminum	771.2 ppm	
Boron	17.5 ppm	
Calcium	3.3246 %	66.5

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	249.5 ppm	
Iron	1921.4 ppm	
Magnesium	0.4740 %	9.5
Manganese	369.0 ppm	
Zinc	283.5 ppm	

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LAB NUMBER: 118005
SAMPLE ID: STP-1N

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	41 %	
Nitrogen (Total)	1.782 %	35.6
NH4-N	3917 ppm	7.8
Phosphorus (Total)	1.0335 %	
Phosphate (P as P2O5) **	2.3771 %	47.5
Potassium (Total)	0.8164 %	
Potash (K as K2O) **	0.9797 %	19.6
Organic Matter *	23.2 %	
pH	8.39	
Carbon:Nitrogen Ratio (C:N)	7 : 1	
Bulk Density (as Recieved)	507 kg/m3	
Sulfur	4170.3 ppm	
Conductivity (@ 25 deg C)	9.32 ms/cm	
Sodium	0.20 %	4.0
Aluminum	525.1 ppm	
Boron	18.5 ppm	
Calcium	3.0831 %	61.7

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LAB NUMBER: 118005
SAMPLE ID: STP-1N

DATE RECEIVED: 2023-01-11
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	261.7 ppm	
Iron	1235.7 ppm	
Magnesium	0.4734 %	9.5
Manganese	330.1 ppm	
Zinc	265.4 ppm	

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LAB NUMBER: 118006
SAMPLE ID: STP-2M

DATE RECEIVED: 2023-01-11
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	44.4 %	
Nitrogen (Total)	2.481 %	49.6
NH4-N	6974 ppm	13.9
Phosphorus (Total)	0.9712 %	
Phosphate (P as P2O5) **	2.2338 %	44.7
Potassium (Total)	1.3954 %	
Potash (K as K2O) **	1.6745 %	33.5
Organic Matter *	23.9 %	
pH	8.54	
Carbon:Nitrogen Ratio (C:N)	5 : 1	
Bulk Density (as Recieved)	522 kg/m3	
Sulfur	5782.7 ppm	
Conductivity (@ 25 deg C)	14.66 ms/cm	
Sodium	0.32 %	6.4
Aluminum	464.4 ppm	
Boron	21.8 ppm	
Calcium	3.0478 %	61.0

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	330.8 ppm	
Iron	1211.6 ppm	
Magnesium	0.3934 %	7.9
Manganese	368.9 ppm	
Zinc	284.1 ppm	

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A&L CANADA LABORATORIES INC.

2136 Jetstream Rd, London, ON, N5V 3P5 Tel (519) 457-2575 Fax: (519) 457-2664



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LAB NUMBER: 118007
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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Dry Matter	48.3 %	
Nitrogen (Total)	2.635 %	52.7
NH4-N	7611 ppm	15.2
Phosphorus (Total)	1.0803 %	
Phosphate (P as P2O5) **	2.4847 %	49.7
Potassium (Total)	1.3251 %	
Potash (K as K2O) **	1.5901 %	31.8
Organic Matter *	27.6 %	
pH	8.53	
Carbon:Nitrogen Ratio (C:N)	6 : 1	
Bulk Density (as Recieved)	455 kg/m3	
Sulfur	5920.9 ppm	
Conductivity (@ 25 deg C)	12.56 ms/cm	
Sodium	0.32 %	6.3
Aluminum	687.8 ppm	
Boron	21.5 ppm	
Calcium	2.7937 %	55.9

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PARAMETER	ANALYSIS RESULT	POUNDS PER TON
Copper	359.6 ppm	
Iron	1730.3 ppm	
Magnesium	0.5080 %	10.2
Manganese	344.1 ppm	
Zinc	312.0 ppm	

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