



1087 Jamison Road NW
Washington Court House, OH 43160-8748

www.spectrumanalytic.com

Report To

PLANT LIFE LAWN CARE
RR # 1
ATTICA, OH 44807

Prepared For

10001
ALBERT J BISTNER
RR #4
TIFFIN, OH 44883

Sampled

05-10-2006
Tested 05-11-2006

Sample Number	Lab Number	pH		Organic Matter %	Analysis Result* and Rating				CEC	Base Saturation			Mehlich-3 PPM and Rating					
		Soil pH	Buffer pH		Phosphorus P	Potassium K	Magnesium Mg	Calcium Ca		K %	Mg %	Ca %	Sulfur S	Boron B	Zinc Zn	Iron Fe	Copper Cu	Mang. Mn
A-1	Y18738	5.6	6.5	3.3	114 H	454 H	554 H	3261 G	23.4	4.2	17.4	52.3	18 M	0.7L	5.7 G	200 V	4.7 G	21 G
A-2	Y18739	6.1	6.9	1.4	61 G	268 G	465 H	2533 G	14.8	3.9	23.1	64.2	18 M	0.7M	4.3 G	154 V	3.3 G	40 G
A-3	Y18740	5.8	6.5	2.7	22 M	165 M	519 H	3249 G	22.4	1.6	17.0	54.3	18 M	0.7M	3.0 M	175 V	3.7 G	16 G
A-4	Y18741	5.0	6.3	1.4	180 V	413 H	267 G	1506 M	17.0	5.2	11.5	33.2	22 G	0.5L	2.6 M	200 V	2.4 G	33 H
A-5	Y18742	5.0	6.1	1.6	40 M	135 M	272 G	1149 M	17.5	1.7	11.4	24.6	26 G	0.5L	1.7 M	200 V	2.0 G	44 H

Sample Number	Lab Number	P2 ppm	Na m3-ppm	Na Sat %	Salts mmhos/cm	NO3-N ppm	Texture	Sand %	Silt %	Clay %
A-1	Y18738	307	21	.4	.14	95	Clay	9	6	85
A-2	Y18739	159	23	.7	.15	35	Silt	9	81	10
A-3	Y18740	52	20	.4	.21	45	Clay	9	6	85
A-4	Y18741	351	22	.6	.11	99	Loam	36	47	17
A-5	Y18742	75	20	.5	.08	45	Silty Clay	2	46	53

* P, K, Mg and Ca are extracted by Mehlich-3 (ICP) and are reported in ppm

Sample Number	Lab Number	Year	Crop	Yield Goal	Acres	Nutrient recommendations expressed in broadcast rates of lbs/A except where noted.										
						CaCO3** Lime	N	P2O5	K2O	Mg	S	B	Cu	Fe Foliar	Mn Row	Zn
A-1	Y18738	08	Soybeans	60 bu	2.5	4994 C	20	0	0	0	11	0.25	0	0	0	2
A-1	Y18738	09	Corn	200 bu	2.5		227	0	0	0	16	0.25	0	0	0	8
A-1	Y18738	10	Soybeans	60 bu	2.5		20	0	0	0	11	0.25	0	0	0	2
A-2	Y18739	08	Corn	200 bu	2.5	1375 C	246	62	49	0	19	0.25	0	0	0	8
A-2	Y18739	09	Soybeans	60 bu	2.5		20	44	44	0	13	0.25	0	0	0	3
A-2	Y18739	10	Corn	200 bu	2.5		246	62	49	0	19	0.25	0	0	0	8
A-3	Y18740	08	Wheat, Winter	80 bu	2.5	4421 C	127	106	87	0	12	0.25	0	0	0	5
A-3	Y18740	09	Corn	200 bu	2.5		273	129	202	0	17	0.25	0	0	0	10
A-3	Y18740	10	Soybeans	60 bu	2.5		20	92	136	0	12	0.25	0	0	0	5
A-4	Y18741	08	Alfalfa Topdress	6 ton	2.5	9049	0	0	0	28	11	1.00	0	0	0	6
A-4	Y18741	09	Alfalfa Topdress	6 ton	2.5		0	0	0	28	11	1.00	0	0	0	6
A-4	Y18741	10	Alfalfa Topdress	6 ton	2.5		0	0	0	28	11	1.00	0	0	0	6
A-5	Y18742	08	Grass Hay, Cool Season Topdress	2 ton	2.5	10021	60	51	170	10	3	0.50	0	0	0	5
A-5	Y18742	09	Grass Hay, Cool Season Topdress	2 ton	2.5		60	51	170	10	3	0.50	0	0	0	5
A-5	Y18742	10	Grass Hay, Cool Season Topdress	2 ton	2.5		60	51	170	10	3	0.50	0	0	0	5

**Lime expressed in 100% pure CaCO3. Adjust accordingly. D = Dolomitic Lime. C = Calcitic Lime.

Soybeans: Monitor and adjust nutrient program based on annual tissue analysis

Corn: Starter fertilizer is normally suggested regardless of soil test levels. Monitor and adjust nutrient program based on annual leaf analysis.

Wheat, Winter: If straw is being removed increase fertilizer rates based on straw removal using 4# P2O5, 30# K2O/ton. Monitor & adj. nutrient program based on annual plant tissue analysis.

Alfalfa Topdress: Split apply K2O if recommendation is more than 400 lb/a. Where Mn is recommended, apply foliar at 0.5 to 1 lb Mn/a during each regrowth period. Monitor and adjust nutrient program with annual tissue analysis

Grass Hay, Cool Season Topdress: Reduce N-10 lb/a, P2O5-20 lb/a, and K2O-40 lb/a if grazed, as credit for manure recycling. The recommendations are based on crop removal plus a 7 to 10 year