

NAME: TIDE MILL FARM ADDRESS: 91 TIDE MILL RD EDMUNDS ME 04628 PHONE: SAMPLE DATE: TEST DATE: 11/08/12 REPORT NUMBER: 12-311-0104				LANCASTER AG PRODUCTS 60 N RONKS ROAD RONKS, PA 17572 PHONE 1-717-687-9222 FAX 1-717-687-9355									
TEST TYPE	SAMPLE OR FIELD I.D.			1CHICK 0-6"		FRONT 0-6"		CLAY 0-6"		HUMATES 0-6"		CONTRL 0-6"	
	TEST FOR:	Units	Desired Levels										
Soluble Nutrient Extraction	Calcium	Lbs/Acre	2100	322		328		324		400		340	
	Magnesium	Lbs/Acre	300	38		25		31		31		34	
	Calcium/Magnesium	Ratio	7:1	8	1	13	1	10	1	13	1	10	1
	Phosphorus	Lbs/Acre	150	25		76		31		49		29	
	Potassium	Lbs/Acre	150	16		13		16		14		20	
Ammonium Acetate & Bray 2	Calcium	Lbs/Acre	4500	2423		2522		2396		3078		2767	
	Magnesium	Lbs/Acre	500	250		193		196		227		245	
	Phosphorus	Lbs/Acre	350	151		180		106		157		94	
	Potassium	Lbs/Acre	350	146		121		131		113		218	
FIA	Nitrate N	Lbs/Acre	70	16		61		63		25		45	
Water Soluble Tests	Sulfate S	Lbs/Acre	40	29		31		32		31		40	
	Sodium	ppm	60	34		37		49		48		64	
	pH		6.6	6.0		5.5		5.3		6.0		5.5	
	Conductivity	µmhos/cm	200	100		300		300		200		300	
	Organic Matter	%	5.0	5.8		8.1		7.4		6.4		5.9	
Percent Base Saturation	Cation Exchange Capacity	CEC	15	9.7		11.1		11.6		11.8		12.7	
	% Potassium	%	4.5	2.1		1.5		1.6		1.4		2.4	
	% Calcium	%	78	69.4		63.1		57.4		72.5		60.5	
	% Magnesium	%	11	11.9		8.0		7.8		8.9		8.9	
	% Hydrogen	%	5	15.1		26.0		31.4		15.4		26.0	
	% Sodium	%	1.5	1.5		1.4		1.8		1.8		2.2	
	Calcium/Magnesium	Ratio	7:1	6	1	8	1	7	1	8	1	7	1
SMP	Buffer pH		6.8	6.8		6.3		6.3		6.6		6.6	
Trace Elements	Boron	ppm	6.0	0.4		0.3		0.6		0.4		0.4	
	Zinc	ppm	10	2.5		2.0		3.1		2.9		1.7	
	Copper	ppm	8.0	1.3		1.3		1.5		1.4		1.2	
	Iron	ppm	80	134		125		384		134		118	
	Manganese	ppm	40	5		5		8		7		8	