

Report To:	Prepared For :	Report No: 18-079-0636
		Cust No:
		Date Printed: 02/14/2019
		Date Received : 03/20/2018
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	Farm :	Agronomist PM
		PO # :

Sample Number Field ID	Lab No:	pH		OM % LOI	ENR	Analysis Result and Rating					CEC meq/100g	Base Saturations				Mehlich-3 PPM and Rating						Extra Tests	
		Soil pH 1:1	Buffer pH SMP			P ppm M3	K ppm M3	Mg ppm M3	Ca ppm M3	%K		%Mg	%Ca	%H	S ppm M3	B ppm M3	Zn ppm M3	Fe ppm M3	Cu ppm M3	Mn ppm M3	Al ppm	Sodium (Na), Extractable	
TROSTLE -1A No Selection	03200	5.7	6.77	4.0	119	30	83	137	905	7.6	2.8	15.0	59.5	21.1	13	0.3	2.0	110	1.0	50		37	
TROSTLE -1	03201	6.2		4.2	123	62	77	127	1042	7.5	2.6	14.1	69.5	12.0	12	0.4	2.1	100	1.2	28		27	
TROSTLE -2 No Selection	03202	6.4		4.2	124	26	71	177	941	7.1	2.6	20.8	66.3	8.5	14	0.3	1.4	78	1.1	35		25	
TROSTLE -3	03203	6.3		4.8	134	49	82	151	1122	8.1	2.6	15.5	69.3	11.1	17	0.4	2.7	91	1.0	74		37	
TROSTLE -4 No Selection	03204	6.3		4.0	118	42	61	152	1158	8.3	1.9	15.3	69.8	10.8	13	0.4	2.2	90	0.9	41		32	
TROSTLE -5	03206	6.4		5.2	142	35	80	153	1247	8.7	2.4	14.7	71.7	9.2	12	0.5	2.7	89	1.1	34		36	
TROSTLE -6 No Selection	03207	5.7	6.78	4.3	126	29	71	110	898	7.2	2.5	12.7	62.4	20.8	11	0.3	1.9	95	1.0	47		26	
TROSTLE -7	03208	6.1	6.83	4.1	121	39	79	118	1012	7.4	2.7	13.3	68.4	13.5	10	0.4	5.0	84	1.2	27		31	
TROSTLE -8 No Selection	03209	5.7	6.81	4.0	122	26	57	99	688	5.7	2.6	14.5	60.4	21.1	13	0.3	1.8	102	0.9	75		30	
TROSTLE -10	03210	5.7	6.80	4.0	121	46	76	102	744	6.2	3.1	13.7	60.0	21.0	15	0.3	2.2	104	1.0	69		37	
TROSTLE -11 No Selection	03211	5.9	6.77	5.6	149	44	97	169	1135	9.1	2.7	15.5	62.4	17.6	18	0.5	4.0	141	1.1	50		45	

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
TROSTLE -1A No Selection	Cotton	1000	1.0	90	44	101	0	16	2.0	0	0	0	2.0
TROSTLE -1A No Selection	Corn	125	1.0	153	59	55	0	18	2.5	0	0	0	1.4
TROSTLE -1	Corn	125	0.0	153	30	59	0	19	2.4	3	0	0	1.2

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TROSTLE -1	Cotton	1000	0.0	90	25	105	0	17	2.0	0	0	0	2.0
TROSTLE -2 No Selection	Cotton	1000	0.0	90	52	108	0	15	2.3	0	0	0	2.0
TROSTLE -2 No Selection	Corn	125	0.0	153	64	64	0	17	3.1	2	0	0	1.4
TROSTLE -3	Corn	125	0.0	153	36	56	0	14	2.0	0	0	0	1.2
TROSTLE -3	Cotton	1000	0.0	90	25	102	0	11	1.7	0	0	0	2.0
TROSTLE -4 No Selection	Cotton	1000	0.0	90	25	113	0	16	1.9	0	0	0	2.0
TROSTLE -4 No Selection	Corn	125	0.0	153	48	72	0	18	2.3	2	0	0	1.2
TROSTLE -5	Cotton	1000	0.0	90	34	103	0	17	1.7	0	0	0	1.5
TROSTLE -5	Corn	125	0.0	153	55	57	0	19	2.0	2	0	0	1.0
TROSTLE -6 No Selection	Cotton	1000	0.8	90	46	108	0	18	2.1	0	0	0	2.0
TROSTLE -6 No Selection	Corn	125	0.8	153	60	64	0	20	2.6	0	0	0	1.4
TROSTLE -7	Corn	125	0.8	153	51	58	0	21	0	3	0	0	1.2

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TROSTLE -7	Cotton	1000	0.8	90	27	103	0	19	0.5	0	0	0	2.0
TROSTLE -8 No Selection	Cotton	1000	0.8	90	52	115	0	16	2.1	0	0	0	2.0
TROSTLE -8 No Selection	Corn	125	0.8	153	64	75	0	18	2.7	0	0	0	1.4
TROSTLE -10	Cotton	1000	0.8	90	25	105	0	14	1.9	0	0	0	2.0
TROSTLE -10	Corn	125	0.8	153	42	60	0	16	2.3	0	0	0	1.4
TROSTLE -11 No Selection	Cotton	1000	1.0	90	25	94	0	10	1.0	0	0	0	1.5
TROSTLE -11 No Selection	Corn	125	1.0	153	45	46	0	12	0	0	0	0	1.0

Comments

Corn

Boron recommendations are on a broadcast basis.

Apply dolomitic lime to raise pH and improve the magnesium level.

The N recommendation for corn for grain is based on the use of best management and environmental practices for this soil, if the N applications are not divided into a pre-plant or starter and side-dress application.

For best results apply 20-40# P₂O₅ and 20-30# K₂O as a side placement application. Subtract from the amount recommended above then broadcast the rest if any.

Zinc should be side banded near the crops to be effective. Apply foliar for non-row crops.

Cotton

On cotton an additional sidedressing of 50 to 70 lbs of N may be applied in mid to late June when cotton is at full square or two weeks before bloom begins. Reduce nitrogen application rate by 30 to 40 lbs if previous crop is peanut or soybeans. Apply 1/2 lbs of boron per acre broadcast and 0.25 lbs of B per acre in one or two of the insecticide sprays.

Zinc should be side banded near the crops to be effective. Apply foliar for non-row crops.