



**Predictive
Waste Report**

Client: Richard Conger
120 Farnsworth Dr.
Goldsboro, NC 27530
Jones County

Advisor: Jones CES - House
367 Hwy 58 South
Trenton, NC 28585

[Links to Helpful Information](#)

Sampled: 08/05/2019
Received: 08/12/2019
Completed: 08/16/2019

PALS #: 307590

PALS #: 402450

Farm: 52-74

Sample Information	Nutrient Measurements are given in units of parts per million (ppm), unless otherwise specified.												Other Results			
	Nitrogen (N)	P	K	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	C	Al	Na	Cl
ID: L3	Total N:	51.7	519	25.3	37.6	42.0	1.36	0.11	0.53	0.54	0.57	-	-	1.49	132	-
Code: ALF	Total Kjeldahl N: 53.8															
Description: Swine-Farrow to Ween Lagoon	Inorganic:															
Grower Comments: lagoon 3 swine	NH ₄ -N	SS (10 ⁻⁵ S/cm)	EC (mS/cm)	pH (Unitless)	BD (lb/yd ³)	CCE (%)	ALE (1000 gal)	C:N (Unitless)	DM (%)							
	NO ₃ -N	-	-	7.25	-	-	-	-	-							
		Estimate of Nutrients Available for First Year (lb/1000 gal)											Other Results (lb/1000 gal)			
Application Method: Irrigation	N	P ₂ O ₅	K ₂ O	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	Al	Na	Cl	
	0.22	0.99	5.19	0.21	0.31	0.35	0.01	0.00	0.00	0.01	0.01	-	0.01	1.10	-	

Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality.

- Steve Troxler, Commissioner of Agriculture.





Predictive

Waste Report

[Links to Helpful Information](#)

Client: Richard Conger
120 Farnsworth Dr.
Goldsboro, NC 27530
Jones County

Advisor: Jones CES - House
367 Hwy 58 South
Trenton, NC 28585

Farm: 52-74

Sampled: 10/02/2019
Received: 10/08/2019
Completed: 10/15/2019

PALS #: 307590

PALS #: 402450

Sample Information	Nutrient Measurements are given in units of parts per million (ppm), unless otherwise specified.												Other Results			
	Nitrogen (N)	P	K	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	C	Al	Na	Cl
ID: L3	Total N:	42.1	368	15.7	39.0	20.4	0.49	0.03	0.06	0.04	0.43	-	-	0.67	116	-
Code: ALF	Total Kjeldahl N: 22.4															
Description: Swine-Farrow to Ween Lagoon	Inorganic:															
Grower Comments: lagoon 3 swine	NH ₄ -N	SS (10 ⁻⁵ S/cm)	EC (mS/cm)	pH (Unitless)	BD (lb/yd ³)	CCE (%)	ALE (1000 gal)	C:N (Unitless)	DM (%)							
	NO ₃ -N	-	-	7.58	-	-	-	-	-							
		Estimate of Nutrients Available for First Year (lb/1000 gal)											Other Results (lb/1000 gal)			
Application Method: Irrigation	N	P ₂ O ₅	K ₂ O	Ca	Mg	S	Fe	Mn	Zn	Cu	B	Mo	Al	Na	Cl	
	0.09	0.80	3.68	0.13	0.33	0.17	0.00	0.00	0.00	0.00	0.00	-	0.01	0.97	-	

Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality.

- Steve Troxler, Commissioner of Agriculture.





Predictive

Soil Report

[Links to Helpful Information](#)

Client: Richard Conger
120 Farnsworth Dr.
Goldsboro, NC 27530

Advisor: Jones CES - House
367-A Hwy 58 South
Trenton, NC 28585

Mehlich-3 Extraction

Sampled County : Jones

Sampled: 06/04/2018
Received: 08/07/2018
Completed: 06/13/2018

Client ID: 307590

Advisor ID: 402450

: 52-74

Sample ID: 1	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)										More Information Note: 3 Note: \$ Note: 3 Note: \$							
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B									
History:	1 - Soybean	0.0	0	0	70	0	0	\$pH	0	0	0									
	2 - Corn, grain	0.0	120 - 160	0	70	0	0	\$pH	0	0	0									

Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO₃-N in mg/dm³]: Soil Class: Mineral

%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
22	1.11	15.1	95	0.8	6.9	153	32	90	4	68	22	10	17	94	94	53	0.2	1		

Sample ID: 2	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)										More Information Note: 3 Note: 3								
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B										
History:	1 - Soybean	1.8	0	0	30	0	0	10	0	0	0										
	2 - Corn, grain	0.0	120 - 160	0	30	0	0	0	0	0	0										

Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO₃-N in mg/dm³]: Soil Class: Mineral

%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
17	1.10	10.6	66	3.6	5.4	144	59	55	9	73	20	22	29	93	93	60	0.2	2		

Sample ID: 3	Recommendations: Crop	Lime (tons/acre)	Nutrients (lb/acre)										More Information Note: 3 Note: 3								
			N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B										
History:	1 - Soybean	0.0	0	0	10	0	0	0	0	0	0										
	2 - Corn, grain	0.0	120 - 160	0	10	0	0	0	0	0	0										

Results [units - W/V in g/cm³; CEC and Na in meq/100 cm³; NO₃-N in mg/dm³]: Soil Class: Mineral-Organic

%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-Al1	Mn-Al2	Zn-I	Zn-Al	Cu-I	Na	ESP	SS-I	NO ₃ -N
37	1.07	12.4	73	3.4	5.6	105	72	59	11	81	50	45	52	132	165	61	0.3	2		

North Carolina



nc Trust Fund Commission

Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.

Thank you for using agronomic services to manage nutrients and safeguard environmental quality.
- Steve Troxler, Commissioner of Agriculture

rd Conger

Page 2 of 4

Sample ID: 4	Recommendations:		Nutrients (lb/acre)										More Information							
History:	Crop	Lime (tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	Note: 3 Note: \$								
	1 - Soybean	0.0	0	40	40	0	0	\$pH	0	2	0	Note: 3 Note: \$								
	2 - Corn, grain	0.0	120 - 160	40	40	0	0	\$pH	0	\$	0	Note: 3 Note: \$								
Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ² ; NO ₃ -N in mg/dm ³]:			Soil Class: Mineral																	
%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
51	1.19	8.6	92	0.7	6.5	40	49	81	8	67	6	6	13	29	29	17	0.2	2		
Sample ID: 5	Recommendations:		Nutrients (lb/acre)										More Information							
History:	Crop	Lime (tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	Note: 3								
	1 - Soybean	0.0	0	0	0	0	0	0	0	0	0	Note: 3								
	2 - Corn, grain	0.0	120 - 160	0	0	0	0	0	0	0	0	Note: 3								
Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ² ; NO ₃ -N in mg/dm ³]:			Soil Class: Mineral																	
%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
51	1.06	12.5	81	2.3	6.0	224	134	65	11	96	33	30	37	81	81	53	0.3	2		
Sample ID: 6	Recommendations:		Nutrients (lb/acre)										More Information							
History:	Crop	Lime (tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	Note: 3 Note: \$								
	1 - Small Grain (SG)	3.4	80-100	0	70	25	0	10	0	0	0	Note: 3 Note: \$								
	2 - Soybean	0.0	0	0	70	\$	0	\$	0	0	0	Note: 3 Note: \$								
Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ² ; NO ₃ -N in mg/dm ³]:			Soil Class: Mineral																	
%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
19	1.08	7.6	35	4.9	4.6	82	34	29	4	103	13	18	18	77	77	61	0.3	4		
Sample ID: 7	Recommendations:		Nutrients (lb/acre)										More Information							
History:	Crop	Lime (tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B	Note: 3								
	1 - Small Grain (SG)	1.5	80-100	0	0	0	0	0	0	0	0	Note: 3								
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	Note: 3								
Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ² ; NO ₃ -N in mg/dm ³]:			Soil Class: Mineral-Organic																	
%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
7	1.01	10.3	53	4.8	5.0	105	130	41	6	77	30	36	36	109	136	40	0.3	3		

Ird Conger

Page 3 of 4

Sample ID:	Recommendations:	Lime (tons/acre)	Nutrients (lb/acre)										More Information						
History:	Crop		N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu	B								
8	1 - Small Grain (SG)	0.7	80-100	0	0	0	0	0	0	0	0	Note: 3							
	2 - Soybean	0.0	0	0	0	0	0	0	0	0	0	Note: 3							
Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:			Soil Class: Mineral																
W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
1.03	14.2	80	2.9	5.8	133	107	70	6	72	28	27	27	77	77	35	0.2	1		
9	1 - Small Grain (SG)	0.3	80-100	0	70	0	0	10	0	0	0	0	0	0	0	0	0	Note: 3	
	2 - Soybean	0.0	0	0	70	0	0	\$	0	0	\$	0	0	0	0	0	0	Note: 3	Note: \$
Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:			Soil Class: Mineral																
W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
1.12	12.4	81	2.4	5.9	119	33	76	4	72	20	22	22	89	89	50	0.2	2		
10	1 - Small Grain (SG)	0.6	80-100	0	60	0	0	10	0	0	0	0	0	0	0	0	0	Note: 3	
	2 - Soybean	0.0	0	0	60	0	0	\$	0	0	\$	0	0	0	0	0	0	Note: 3	Note: \$
Results [units - W/V in g/cm ³ ; CEC and Na in meq/100 cm ³ ; NO ₃ -N in mg/dm ³]:			Soil Class: Mineral-Organic																
W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
1.05	11.5	66	4.0	5.3	105	37	59	5	82	12	25	25	83	104	44	0.2	2		