	Location	*Beaufort*	*Bertie*	*Pamlico*	*Pasquotank*	*Person*	*Robeson*	*Rowan*	*Sampson*	*Surry*	*Union*
Soil Information	**Soil Class**	Organic	Sandy Loam	Organic	Silt Loam	Loam	Sandy Loam	Clay Loam	Loamy Sand	Loam	Silty Clay Loam
	Prior Crop	Soybeans	Cotton	Soybeans	Soybeans	Soybeans	Soybeans	Soybeans	Soybeans	Soybeans	Cotton
	HM %	10	0.81	8.24	0.81	0.32	0.56	0.27	1.61	0.56	0.81
	W-V	0.71	1.36	0.87	1.10	1.11	1.18	1.03	1.26	1.03	0.95
	CEC	17.5	5.7	10.0	6.9	8.0	4.4	7.4	6.2	7.3	8.7
	BS %	65	80	59	84	79	59	78	73	82	82
	Ac	6.1	1.2	4.1	1.1	1.6	1.8	1.8	1.8	1.3	1.6
	pH	4.9	5.7	5.1	5.9	5.5	5.1	5.8	5.7	6.2	5.8
	P-I	47	112	93	193	94	128	119	74	268	198
	K-I	33	68	53	98	72	57	70	80	162	68
	Ca %	51	59	45	64	52	41	53	55	58	68
	Mg %	13	14	12	13	23	11	21	12	13	11
	Mn-I	56	67	78	65	1483	69	1373	42	549	176
	Zn-I	452	80	175	187	209	260	352	145	416	325
	Cu-I	61	63	54	51	165	194	165	65	416	692
Fertility	**Pre-Plant**	10-27-0 (20gal/acre) + 180-60-80, 20S, 0.5lb Boron	10-27-0 (20gal/acre) + 40# P and 100# K	10-27-0 (20gal/acre)	30-30-120-25S + 10-27-0 (20gal/acre)	40-70-80 + 10-27-0 (20gal/acre)	3 tons/acre broiler litter + 10-27-0 (20gal/acre)	10-27-0 (20gal/acre)	0-0-60 (150#/acre) + 10-27-0 (20gal/acre)	4 tons/acre chicken litter + 10-27-0 (20gal/acre)	10-27-0 (20gal/acre)
	At Plant	-	15gal/acre 32%	15gal/acre 32%	15gal/acre 32%	15gal/acre 32%	15gal/acre 32%	18gal/acre 30%	15gal/acre 32%	20gal/acre 28%	15gal/acre 32%
	Side-dress	40gal/acre 32%	40gal/acre 32%	40gal/acre 32%	40gal/acre 32%	40gal/acre 32%	40gal/acre 32%	40gal/acre 30%	40gal/acre 32%	40gal/acre 32%	40gal/acre 32%
Climate	**Total Rainfall (in.)**	19.98	18.32	21	17.32	18.29	30.21	19.06	20.26	25.2	21.08
	Days Above 95°F	2	3	5	1	4	4	1	5	0	3
	Average High Temp (°F)	82.4	81.9	84.2	80.9	81.3	84.1	81.7	84	80.5	83.4
	Planting Date	4/13/2023	4/19/2023	4/19/2023	4/13/2023	4/20/2023	4/6/2023	4/21/2023	4/18/2023	5/9/2023	4/24/2023
	Harvest Date	9/14/2023	9/4/2023	9/12/2023	9/15/2023	9/18/2023	9/5/2023	9/20/2023	9/6/2023	10/6/2023	9/21/2023
	Population	32000	28000	32000	32000	28000	28000	28000	28000	28000	28000