

Sorenson Plot. North + West Arkuckle. Hillgate clay (2)  
 Plots are 20 x 20  
 Harvested 10 x 20 or Area enclosed by red line.

①	12	13	24
N	NP	P	CHECK
②	11	14	23
NS	NPS	PS	S
③	10	15	22
200# Single Super Phosphate			
4	9	16	21
400# Single Super			
5	8	17	20
600# Single Super			
6	7	18	19
1200# Single Super - Heavy Foxtail			

N = 175# Am Nitrate/Acre  
 P = 150# Triple Super/Acre  
 S = 400# Gypsum/Acre

Blue  
 Colusa

Dry weight per Acre

① N 1140	② NP 1840	P 880	CK 795
② NS 1550	③ NPS 2390	PS 860	S 745
③ 40P → 850	④ 920	910	965
④ 80P → 830	⑤ 1060	820	790
⑤ 120P → 780	⑥ 935	875	890
⑥ 240P → 775	⑦ 860	940	1010

% Moisture

① N. 42.3	② NP 42.2	P 29.0	CK 38.0
② NS 33.0	③ NPS 27.2	PS 39.5	S 30.1
③ 40P → 29.0	④ 26.0	34.8	31.1
④ 80P → 33.0	⑤ 24.4	38.8	36.5
⑤ 120P → 20.6	⑥ 29.1	32.8	36.4
⑥ 240P → 29.4	⑦ 24.1	32.6	37.2

Plot No. and Treatment	10 x 20 plots Green # Weight	# Green Wt/Acre	Gms. Oven in Weight	Gms. Oven out Weight	Gms. Difference	Percent Moisture	Dry Weight Per Acre	# at 20% Moisture	
N	1	9.8	1960	51.95	29.95	22.00	42.3	1140	1425
NS	2	11.4	2280	61.40	41.20	20.20	33.0	1550	1940
4OP	3	6.0	1200	49.70	35.30	14.40	29.0	850	1060
8OP	4	6.2	1240	67.35	45.15	22.20	33.0	830	1040
12OP	5	4.6	920	54.15	43.00	11.15	20.6	730	915
24OP	6	5.4	1080	67.35	48.30	19.05	28.4	775	970
24OP	7	6.0	1200	77.60	55.80	21.80	28.1	860	1075
12OP	8	6.6	1320	68.05	48.20	19.85	29.0	935	1170
8OP	9	7.0	1400	51.10	38.60	12.50	24.4	1060	1325
4OP	10	6.2	1240	47.85	35.45	12.40	26.0	920	1150
NPS	11	16.4	3280	52.80	38.45	14.35	27.2	2390	2990
NP	12	15.8	3160	70.30	40.70	29.60	42.2	1840	2300
P	13	6.2	1240	64.90	46.10	18.80	29.0	880	1100
PS	14	7.0	1400	67.80	41.70	26.10	38.5	860	1075
4OP	15	7.0	1400	59.10	38.60	20.50	34.8	910	1140
8OP	16	6.7	1340	61.20	37.50	23.70	38.8	820	1025
12OP	17	6.5	1300	57.30	38.50	18.80	32.8	875	1095
24OP	18	7.0	1400	56.80	38.25	18.55	32.6	940	1175
24OP	19	8.0	1600	81.65	51.15	30.50	37.2	1010	1260
12OP	20	7.0	1400	59.40	37.80	21.60	36.4	890	1115
8OP	21	6.2	1240	66.75	42.40	24.35	36.5	790	990
4OP	22	7.0	1400	62.15	42.80	19.35	31.1	965	1205
S	23	5.3	1060	71.25	49.70	21.55	30.1	745	930
CK	24	6.4	1280	67.20	41.65	25.55	38.0	795	995