

Tank	Nominal Sulfate Concentration	Plant #	8/19/2013					9/5/2013 Tank
	mg/L		Height Stem	Seedhead	Mottled	Eaten		
1	300	1	48	0	1	0	1	
1	300	2	62	0	1	0	1	
2	150	1	87	1	1	1	2	
2	150	2	100	1	0	0	2	
3	50	1	56	0	0	0	3	
3	50	2	24	0	0	0	3	
3	50	3	41	0	0	0	3	
3	50	4	62	1	0	0	3	
3	50	5	98	1	0	0	3	
3	50	6	96	1	0	1	3	
3	50	7	40	0	0	0	3	
4	0	1	51	0	0	0	4	
4	0	2	51	1	0	0	4	
4	0	3	131	1	0	1	4	
4	0	4	60	0	1	0	4	
4	0	5	58	0	1	0	4	
4	0	6	104	1	0	0	4	
4	0	7	62	0	1	0	4	
4	0	8	67	1	1	0	4	
4	0	9	67	1	1	1	4	
4	0	10	59	0	0	0	4	
4	0	11	73	1	1	0	4	
4	0	12	103	1	0	0	4	
4	0	13	109	1	0	1	4	
4	0	14	58	0	0	0	4	
4	0	15	56	0	0	0	4	
5	100	1	64	0	1	1	5	
5	100	2	54	0	0	0	5	
6	50	1	75	1	0	0	6	
6	50	2	53	0	0	0	6	
6	50	3	57	0	0	1	6	
6	50	4	99	1	1	0	6	
6	50	5	58	0	1	0	6	
6	50	6	66	0	1	0	6	
6	50	7	57	0	0	0	6	
6	50	8	70	1	0	0	6	
6	50	9	57	0	0	1	6	
6	50	10	55	0	0	0	6	
6	50	11	66	1	1	0	6	
6	50	12	66	0	0	0	6	
6	50	13	68	1	0	0	6	
6	50	14	109	1	0	1	6	
6	50	15	52	0	0	0	6	
6	50	16	59	0	0	1	6	
6	50	17	53	0	0	0	6	
7	150	1	77	1	0	0	6	
7	150	2	57	0	1	0	7	
7	150	3	79	1	0	0	7	
7	150	4	65	0	0	0	7	
7	150	5	67	1	0	0	7	
7	150	6	108	1	0	0	7	
7	150	7	83	1	0	0	7	
7	150	8	147	1	0	0	7	

7	150	9	67	1	0	0	7
7	150	10	73	1	0	0	7
7	150	11	72	1	0	0	7
7	150	12	72	0	0	0	7
7	150	13	50	0	0	0	7
7	150	14	66	1	0	0	7
7	150	15	120	1	1	0	7
7	150	16	75	1	0	0	7
7	150	17	102	1	0	0	7
7	150	18	64	0	0	0	7
7	150	19	72	0	0	0	7
7	150	20	63	0	0	0	7
7	150	21	76	1	0	0	7
8	50	1	62	0	1	0	7
8	50	2	59	1	0	0	8
8	50	3	60	1	0	0	8
8	50	4	62	0	1	0	8
8	50	5	64	0	0	0	8
8	50	6	57	0	1	0	8
8	50	7	54	1	0	0	8
8	50	8	64	1	0	0	8
8	50	9	32	0	0	0	8
8	50	10	33	0	0	0	8
8	50	11	54	0	0	0	8
8	50	12	32	0	0	0	8
8	50	13	43	0	0	0	8
8	50	14	55	0	0	0	8
8	50	15	43	0	0	0	8
8	50	16	62	0	1	0	8
8	50	17	41	0	0	0	8
8	50	18	42	0	0	0	8
8	50	19	50	0	0	0	8
8	50	20	50	0	0	0	8
8	50	21	49	0	0	0	8
8	50	22	56	0	0	0	8
8	50	23	46	0	0	0	8
8	50	24	61	0	0	0	8
8	50	25	46	0	0	0	8
9	0	1	50	1	0	0	8
9	0	2	54	1	0	0	9
9	0	3	47	0	0	0	9
9	0	4	47	0	0	0	9
9	0	5	49	0	0	0	9
9	0	6	45	0	0	0	9
9	0	7	50	0	0	0	9
9	0	8	56	0	1	0	9
9	0	9	61	1	0	0	9
9	0	10	51	0	0	0	9
9	0	11	31	0	0	0	9
10	100	1	63	0	0	0	9
10	100	2	41	0	1	0	10
10	100	3	52	0	0	0	10
10	100	4	63	1	1	0	10
10	100	5	71	1	0	0	10
10	100	6	60	1	0	0	10
11	150	1	52	0	0	0	10
11	150	2	49	0	0	0	11

11	150	3	70	0	1	0	11
11	150	4	32	0	0	0	11
11	150	5	56	0	0	0	11
11	150	6	52	0	0	0	11
11	150	7	71	1	0	1	11
12	300	1	91	1	1	0	11
12	300	2	37	0	0	0	12
12	300	3	78	0	1	0	12
12	300	4	72	0	0	0	12
12	300	5	85	0	1	0	12
12	300	6	72	0	0	0	12
12	300	7	64	0	1	1	12
12	300	8	66	0	1	0	12
12	300	9	77	0	0	0	12
12	300	10	144	1	1	1	13
13	0	1	43	1	0	0	13
13	0	2	48	0	0	0	13
13	0	3	59	1	0	0	13
13	0	4	44	0	0	0	13
13	0	5	52	0	0	0	13
13	0	6	46	0	0	0	13
13	0	7	49	1	0	0	13
13	0	8	49	0	0	0	13
13	0	9	29	0	0	0	13
13	0	10	52	0	0	0	13
13	0	11	39	0	0	0	13
13	0	12	57	0	0	0	13
13	0	13	58	1	0	0	13
13	0	14	51	0	0	0	13
13	0	15	56	0	1	0	13
13	0	16	46	0	0	0	13
13	0	17	54	0	0	0	13
13	0	18	71	1	1	0	13
13	0	19	49	1	1	0	13
13	0	20	45	0	0	0	13
13	0	21	49	0	0	0	14
13	0	22	49	0	0	0	15
13	0	23	58	0	1	0	15
14	300	0					15
15	150	1	60	0	0	0	15
15	150	2	68	1	0	1	15
15	150	3	58	0	0	0	15
15	150	4	74	1	1	0	15
15	150	5	69	0	0	0	15
15	150	6	59	1	0	0	15
15	150	7	73	0	0	0	15
15	150	8	70	0	0	0	15
15	150	9	92	1	1	0	15
15	150	10	125	1	1	0	15
15	150	11	129	1	0	0	15
15	150	12	68	1	0	0	15
15	150	13	54	0	0	0	15
15	150	14	86	1	0	0	15
15	150	15	121	1	1	0	15
15	150	16	65	0	0	0	15
15	150	17	84	1	0	0	15
15	150	18	63	0	0	0	16

16	50	1	78	1	0	0	16
16	50	2	58	1	0	0	16
16	50	3	65	1	0	0	16
16	50	4	106	1	0	0	16
16	50	5	61	0	0	0	16
16	50	6	76	1	1	0	16
16	50	7	61	1	1	0	16
16	50	8	61	1	0	0	16
16	50	9	52	0	0	0	16
16	50	10	49	0	0	0	16
16	50	11	61	0	0	0	16
16	50	12	74	0	0	0	16
16	50	13	72	0	0	0	16
16	50	14	62	0	0	0	16
16	50	15	78	1	1	0	16
16	50	16	66	0	0	0	16
16	50	17	126	1	0	0	16
16	50	18	65	0	0	0	16
16	50	19	68	1	1	0	16
16	50	20	73	0	0	1	16
16	50	21	58	1	0	0	16
16	50	22	59	1	0	0	16
16	50	23	67	0	0	0	16
16	50	24	66	1	0	0	17
17	300	1	71	0	1	0	17
17	300	2	63	0	1	0	17
17	300	3	52	0	0	0	17
17	300	4	58	0	1	0	17
17	300	5	70	1	1	0	17
17	300	6	61	0	1	0	18
17	300	7	53	0	1	0	18
17	300	8	58	0	0	0	18
18	100	1	52	0	0	1	18
18	100	2	40	0	0	1	18
18	100	3	52	0	0	1	18
18	100	4	60	0	0	1	18
18	100	5	61	0	0	0	18
18	100	6	53	0	0	1	18
18	100	7	42	0	0	1	18
18	100	8	34	0	0	0	18
18	100	9	40	0	0	1	19
18	100	10	48	0	0	1	20
18	100	11	42	0	0	1	20
19	100	1	43	0	0	0	20
19	100	2	60	1	1	0	20
20	300	1	38	0	0	0	20
20	300	2	31	0	0	0	20
20	300	3	31	0	0	0	20
20	300	4	67	0	1	0	20
20	300	5	75	0	0	0	21
20	300	6	67	0	1	0	21
20	300	7	58	0	0	0	21
20	300	8	52	0	0	0	21
21	100	1	43	0	0	0	21
21	100	2	44	0	1	0	21
21	100	3	98	1	0	1	21
21	100	4	60	1	1	0	21

21	100	5	51	0	0	0	21
21	100	6	58	0	0	0	21
21	100	7	48	0	0	0	21
21	100	8	64	0	0	0	21
21	100	9	33	0	0	0	21
21	100	10	63	0	0	0	21
21	100	11	33	0	0	0	21
21	100	12	72	1	0	1	21
21	100	13	66	0	0	0	21
21	100	14	53	0	0	0	22
21	100	15	43	0	0	0	22
21	100	16	56	0	0	0	23
21	100	17	53	0	0	0	23
21	100	18	59	0	0	0	23
22	50	1	40	0	0	0	23
22	50	2	49	0	0	0	23
23	0	1	51	0	0	0	23
23	0	2	45	0	0	0	23
23	0	3	30	0	0	0	23
23	0	4	47	1	0	0	23
23	0	5	48	0	0	0	23
23	0	6	52	0	0	0	23
23	0	7	57	0	0	0	23
23	0	8	95	1	0	0	23
23	0	9	58	0	0	0	23
23	0	10	61	1	0	0	23
23	0	11	55	0	0	0	23
23	0	12	53	1	0	0	23
23	0	13	32	0	0	0	23
23	0	14	53	1	0	0	23
23	0	15	48	0	1	0	23
23	0	16	45	0	1	0	23
23	0	17	44	0	0	0	23
23	0	18	55	0	0	0	23
23	0	19	56	0	0	0	23
23	0	20	55	0	1	0	23
23	0	21	51	0	0	0	23
23	0	22	57	0	0	0	23
23	0	23	53	0	0	0	24
23	0	24	56	0	1	0	24
23	0	25	57	0	0	0	24
23	0	26	31	0	0	0	24
23	0	27	31	0	0	0	24
23	0	28	50	0	1	0	24
23	0	29	55	0	1	0	24
23	0	30	63	0	1	0	24
24	150	1	60	0	0	0	24
24	150	2	59	1	1	0	24
24	150	3	52	0	0	0	24
24	150	4	60	0	1	0	24
24	150	5	58	0	0	0	24
24	150	6	62	0	0	0	24
24	150	7	58	0	0	0	24
24	150	8	66	1	0	0	24
24	150	9	63	0	0	0	24
24	150	10	31	0	0	0	24
24	150	11	44	0	0	0	24

24	150	12	65	0	0	0	24
24	150	13	60	0	0	0	24
24	150	14	68	0	0	0	24
24	150	15	60	0	1	0	24
24	150	16	69	0	0	0	24
24	150	17	60	1	0	0	25
24	150	18	53	0	0	0	25
24	150	19	72	1	0	0	25
24	150	20	59	0	1	0	25
24	150	21	34	0	0	0	25
24	150	22	49	0	0	0	25
24	150	23	52	0	0	0	25
24	150	24	68	0	1	0	25
24	150	25	82	1	0	0	25
24	150	26	63	0	0	0	25
24	150	27	59	0	0	0	25
24	150	28	124	1	0	0	25
25	0	1	27	0	0	0	25
25	0	2	39	0	0	0	25
25	0	3	34	0	0	1	25
25	0	4	60	0	0	1	25
25	0	5	28	0	0	0	25
25	0	6	35	0	0	0	25
25	0	7	38	0	0	0	25
25	0	8	50	0	0	0	26
25	0	9	57	0	0	1	26
25	0	10	50	0	0	1	26
25	0	11	59	1	0	1	27
25	0	12	33	0	0	0	27
25	0	13	36	0	0	0	27
25	0	14	48	1	0	1	27
25	0	15	51	0	0	0	27
25	0	16	49	0	0	0	27
25	0	17	46	0	0	0	28
25	0	18	44	0	1	0	28
25	0	19	57	1	0	0	28
25	0	20	47	0	0	0	28
25	0	21	28	0	0	0	28
25	0	22	46	0	0	0	28
26	100	1	28	0	0	0	29
26	100	2	29	0	0	0	29
26	100	3	31	0	0	0	29
26	100	4	28	0	0	0	29
26	100	5	58	0	0	0	29
26	100	6	52	1	1	0	29
26	100	7	28	0	0	0	29
26	100	8	29	0	0	0	29
26	100	9	32	0	0	0	29
27	150	1	64	1	1	0	29
27	150	2	59	0	0	0	30
27	150	3	58	0	0	0	30
27	150	4	65	0	0	0	30
27	150	5	60	0	0	0	30
27	150	6	59	0	0	0	30
28	50	1	60	0	0	0	30
28	50	2	63	0	0	0	30
28	50	3	50	0	0	0	30

28	50	4	35	0	0	0	30
28	50	5	63	1	0	0	30
28	50	6	54	0	0	0	30
28	50	7	34	0	0	0	30
28	50	8	52	0	0	0	30
29	300	1	59	0	0	0	30
29	300	2	69	0	0	0	30
29	300	3	62	1	0	0	30
29	300	4	57	0	1	0	30
29	300	5	75	1	0	1	30
29	300	6	68	0	1	0	30
29	300	7	55	0	0	0	30
29	300	8	60	0	0	0	30
29	300	9	41	0	0	0	30
29	300	10	55	0	0	0	
29	300	11	48	0	0	0	
29	300	12	69	1	1	0	
29	300	13	53	0	0	0	
29	300	14	47	0	0	0	
30	0	1	32	0	0	0	
30	0	2	46	0	0	0	
30	0	3	56	0	0	0	
30	0	4	64	0	0	1	
30	0	5	53	0	0	0	
30	0	6	59	1	0	0	
30	0	7	43	0	0	0	
30	0	8	32	0	0	0	
30	0	9	53	0	0	0	
30	0	10	53	0	0	0	
30	0	11	57	0	0	0	
30	0	12	60	0	0	0	
30	0	13	60	0	0	0	
30	0	14	31	0	0	0	
30	0	15	40	0	0	0	
30	0	16	60	0	0	0	
30	0	17	61	0	1	0	
30	0	18	60	0	0	0	
30	0	19	38	0	0	0	
30	0	20	52	0	0	0	
30	0	21	54	0	0	0	
30	0	22	60	0	0	0	
30	0	23	52	0	0	0	

Nominal
Sulfate
Concentration
mg/L

Nominal Sulfate Concentration mg/L	Plant #	Plant Ht	Seed Head Mottled	Eaten
300	1	39	0	
300	2	93	1	1
150	1	140	1	1
150	2	122	1	
50	1	104	1	
50	2	58	1	
50	3	50	1	
50	4	96	1	
50	5	117	1	
50	6	131	1	
50	7	44	1	
0	1	70	1	
0	2	97	1	
0	3	51	1	
0	4	133	1	1
0	5	79	1	
0	6	133	1	1
0	7	121	1	
0	8	73	1	
0	9	39	1	
0	10	84	1	
0	11	117	1	
0	12	76	1	
0	13	68	1	
0	14	120	1	1
0	15	136	1	
100	1	104	1	1
100	2	75	1	
50	1	101	1	
50	2	74	1	
50	3	39	1	
50	4	96	1	
50	5	95	1	
50	6	63	1	
50	7	134	1	1
50	8	61	1	
50	9	118	1	
50	10	83	1	
50	11	60	1	
50	12	49	1	
50	13	65	1	
50	14	111	1	1
50	15	72	1	
50	16	72	1	
50	17	74	1	
150	18	87	1	
150	1	118	1	
150	2	50	1	
150	3	129	1	
150	4	98	1	1
150	5	131	1	1
150	6	90	1	
150	7	125	1	

150	8	97	1		
150	9	132	1		
150	10	85	1		
150	11	111	1		
150	12	97	1		
150	13	112	1		
150	14	112	1	1	
150	15	63	1		
150	16	138	1	1	
150	17	63	1		
150	18	103	1		
150	19	148	1		
150	20	111	1		
50	21	79	1		
50	1	47	0		
50	2	89	1	1	
50	3	90	1	1	
50	4	83	1		
50	5	90	1	1	
50	6	84	1		
50	7	97	1		
50	8	79	1		
50	9	49	0		
50	10	83	1		
50	11	81	1		
50	12	44	1		
50	13	70	1		
50	14	93	1		
50	15	63	1		
50	16	50	1		
50	17	43	1		
50	18	47	1		
50	19	90	1	1	
50	20	37	0		
50	21	41	1		
50	22	74	1		
50	23	83	1	1	
50	24	46	0		
0	25	53	1		
0	1	51	1		
0	2	59	1		
0	3	56	1		
0	4	63	1		
0	5	43	0		
0	6	78	1		
0	7	83	1		
0	8	97	1	1	1
0	9	100	1		1
0	10	76	1		1
100	11	31	1		
100	1	95	1		
100	2	41	1		
100	3	89	1		
100	4	63	1		
100	5	76	1		1
150	6	111	1	1	
150	1	115	1	1	

150	2	117	1	1	
150	3	70	1		
150	4	75	1		
150	5	48	1		
150	6	77	1	1	
300	7	71	1		
300	1	94	1	1	
300	2	73	1		
300	3	46	0		
300	4	60	1		
300	5	101	1	1	
300	6	101	1		
300	7	57	0		
300	8	153	1		
300	1	62	1		
0	2	61	1		
0	3	41	1		
0	4	76	1		
0	5	60	1		
0	6	51	1		
0	7	56	1		
0	8	59	1		
0	9	43	1		
0	10	85	1	1	
0	11	66	1		
0	12	91	1		
0	13	75	1		
0	14	80	1		
0	15	73	1		
0	16	77	1		
0	17	65	1	1	
0	18	35	0		
0	19	52	1		
0	20	59	1		
0	21	105	1	1	
0	0				
0	1	59	1		
0	2	128	1	1	1
300	3	105	1		
150	4	88	1	1	
150	5	86	1	1	1
150	6	105	1		
150	7	81	1	1	
150	8	110	1	1	
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