Date Applied	Operator	Section	Legal Description	Management Unit ID/ Planting Site ID	Name	Burn Unit	Map Attached
7/18/1995		9	NW 1/4 NE1/4				
7/18/1995		10	NE1/4 NW1/4				
7/18/1995		15	NW1/4				
7/18/1995		16	NW 1/4 NW 1/4				
7/18/1995		9					
8/21/1995		16					
9/6/1995		16					
9/8/1995		4					
9/11/1995		3					
9/20/1995		16					
9/27/1995		15					
9/27/1995		9					
9/27/1995		16					
9/28/1995		16					
10/18/1995		15	SW 1/4				
11/15/1995		8 & 9					
11/15/1995		9					
12/7/1995		9					
1/1/1995		21					
3/1/1996	Gregg Pattison	9	E1/2				
3/1/1996	Gregg Pattison	16	NE1/4 NE1/4				
4/16/1996	Gregg Pattison & J	15	NE1/4 SW1/4				
4/16/1996	Gregg Pattison & J	8	NW1/4 SE1/4				
4/16/1996	Gregg Pattison & J	15	NE1/4 SW1/4				
4/30/1996		15	N1/2 SW1/4				
6/4/1996	Gregg Pattison	14	SW1/4 SW1/4				
6/14/1996	Gregg Pattison	10		26			
6/14/1996	Brian Boot			4, 8, 14 and 15			
6/14/1996	Brian Boot			29, 30 and CRP N of 96			
6/17/1996	Gregg Pattison	10		26 (N of 96th)			
7/1/1996	Gregg Pattison	5	N1/2 SE1/4				
7/1/1996	Gregg Pattison	5	N1/2 SE1/4				
7/10/1996	Brian Boot	9	N1/2 SE1/4 SW1/4				
7/10/1996	Brian Boot	8	E1/2 SE1/4				
7/10/1996	Brian Boot	8	W1/2 SE1/4				
7/10/1996	Brian Boot	17	S1/2 NE1/4				
8/1/1996	Brian Boot	21	NE1/4 SW1/4				
8/1/1996	Brian Boot	15	S1/2 NW1/4				
8/2/1996	Brian Boot	15	SE1/4 SE1/4 SW1/4				
8/2/1996	Brian Boot	4	S1/2 SW1/4 SW1/4				
12/11/1996	Gregg Pattison	14		Center Section Lines			
12/11/1996	Gregg Pattison	16	N1/2 SE1/4 NE1/4				
4/4/1996	Gregg Pattison	15	N1/2 SW1/4				
1/1/1996	Brian Boot	9	SW1/4 SW1/4 SE1/4				
1/1/1996	Brian Boot	4	SW1/4 SW1/4 SE1/4				
1/1/1996	Brian Boot	17	NE1/4				
1/1/1996	Brian Boot	21	N1/2 SW1/4				
1/1/1996	Brian Boot	16	SE1/4 SE1/4 SE1/4 &				
1/1/1996	Brian Boot	21	E1/2 NW1/4 NE1/4				
1/1/1996	Brian Boot	27	N1/2 NW1/4				
1/1/1996	Brian Boot	14	SW1/4 SE1/4 SW1/4				
1/1/1996	Brian Boot	3	W1/2 SW1/4 NW1/4				
1/1/1996	Brian Boot	5	NE1/4 NE1/4				
2/3/1997	Gregg Pattison	16	N1/2 SE1/4 NE1/4				
5/20/1997	Gregg Pattison			Buzzard Head			
6/17/1997	Brian Boot	3	N1/2 SW1/4				
6/17/1997	Brian Boot	3	S1/2 NW1/4				
6/17/1997	Brian Boot	4	E1/2 SW1/4				
6/17/1997	Brian Boot	4	S1/2 SE1/4 NE1/4				
6/20/1997	Brian Boot	3	NE1/4 SW1/4				
6/20/1997	Brian Boot	4	SE1/4 SE1/4				
7/2/1997	Brian Boot	9		1			
7/2/1997	Brian Boot	10		1			
7/8/1997	Brian Boot	15	S1/2 NW1/4				
7/15/1997	Brian Boot		Unknown				
7/15/1997	Brian Boot		Unknown				
7/15/1997	Brian Boot			53			
7/15/1997	Brian Boot	9	SE1/4 SW1/4 SW1/4				
7/21/1997	Brian Boot	4					
7/22/1997	Gregg Pattison	14	WN1/4 SE1/4 SW1/4				
7/22/1997	Brian Boot	16		Flaherty Burn Unit			
7/22/1997	Brian Boot	21					

Total acres	Equipment	Target
68.5		
27		
19		
19.5		
0.1		
2		
11.9		
34.6		
1		
20		
75		
20		
0.1		
2.5		
3		
2.5		
0.5		
0.25		
1		
1		
158	Patriot	
	Patriot	
1		
3		
34	Patriot	
22.3	Patriot	
35.5	Patriot	
31	Patriot	
28.7	Patriot	
9	Patriot	
6.3	Patriot	
20		
< 0.2		
0.2		
0.5		
15		
11		
70		
16		
6.7		
60		
1.6		
25		
22		
< 0.25		
< 0.5		
86		
20		
39.25		
117		
35.5		
28.3		
22.5		
2		
15		
< 0.5		
25		

Split columns Split

Chemical	Ch Rate/Acre	Total	Ch Total/Batch	Carrier	Ca Rate/Acre	Ca Total/Batch	Comb Rate/Acre
2,4-d & Roundup	16 oz each	8.6 gal each		Water	10 gal		
2,4-d & Roundup	16 oz each	8.6 gal each					
2,4-d, Roundup & Cayuse	16 oz each	3.40 gal each		Water	10 gal		
2,4-d, Roundup & Cayuse	16 oz each	2.40 gal each		Water	10 gal		
2,4-d, Roundup & Cayuse	16 oz each	2.45 gal each		Water	10 gal		
Garlon 4	5.0 gal	0.50 gal	0.50 gal	Diesel	25 gal	3.5 gal	4.0 gal
Garlon 4	0.25 gal	0.50 gal	0.50 gal	Diesel	1.25 gal	2.5 gal	3.0 gal
2,4-d	32 oz	3.0 gal	12 qt	Water	10 gal	350 gal	
2,4-d	32 oz	8.65 gal	35 qt	Water	10 gal	350 gal	
Garlon 4	0.5 gal	0.50 gal	0.50 gal	Diesel	2.5 gal	2.5 gal	3.0 gal
2,4-d & Roundup	16 oz each	2.5 gal each		Water	10 gal		
2,4-d & Roundup	16 oz each	2.5 gal each		Water	10 gal		
2,4-d & Roundup	16 oz each	2.5 gal each		Water	10 gal		
2,4-d	16 oz	9.4 gal		Water	10 gal		
2,4-d & Roundup	16 oz each	2.5 gal each		Water	10 gal		
Garlon 4	8.3 gal	0.83 gal	0.83 gal	Diesel (5:1)	41.7 gal	4.17 gal	5.0 gal
Garlon 4	1.6 gal	4.0 gal	1.30 gal	Diesel (6.5:1)	11.0 gal	27.0 gal	12.5 gal
	0.83 gal	2.50 gal					
Garlon 4	1.20 gal	3.0 gal		Diesel	4.8 gal	12 gal	
Garlon 4	2.0 gal	1.0 gal	0.5 gal	Diesel	12.0 gal	6.0 gal	
Garlon 4		1.0 gal		Diesel		6.0 gal	
Roundup Ultra	59 oz	59 oz	14.7 oz	Water	1300 oz	1300 oz	325 oz
2,4-d	16 oz	32 oz		water	10 gal		
2,4-d	16 oz	19.75 gal		Water	10 gal	1580 gal	
2,4-d	16 oz						
2,4-d	16 oz			water	6 gal		
2,4-d	16 oz	0.25 gal		water	10 gal	30 gal	
Garlon 4	16 oz	0.25 gal					
2,4-d + Roundup	16 oz each	4.25 gal each		Water	10 gal	340 gal	
2,4-d + Roundup	16 oz each	2.80 gal each		Water	10 gal	223 gal	
2,4-d + Roundup	16 oz each	4.45 gal each		Water	10 gal	335 gal	
2,4-d + Roundup	16 oz each	3.9 gal each		Water	10 gal	310 gal	
2,4-d + Roundup	16 oz each	3.6 gal each		Water	10 gal	290 gal	
2,4-d + Roundup	16 oz each	1.15 gal each		Water	10 gal	90 gal	
2,4-d + Roundup	16 oz each	0.8 gal each		Water	10 gal	63 gal	
Poast	1 pt	2.5 gal		Water	10 gal	200 gal	
Garlon 4		0.25 gal		Diesel		4.0 gal	
Crossbow	1 gal	1 qt	1/2 qt	Diesel	25 gal	5 gal	2.5 gal
Garlon 4	3.5 gal	1.75 gal		Diesel (6:1)	21.0 gal	10.5 gal	
2,4-d	16 oz	2.0 gal		Water	10 gal	150 gal	
Unknown	16 oz	1.4 gal		Water	10 gal	110 gal	
2,4-d	16 oz	8.75 gal		Water	10 gal	700 gal	
2,4-d	16 oz	3.6 gal		Water	10 gal	160 gal	
2,4-d	16 oz	0.85 gal		Water	10 gal	67 gal	
2,4-d	16 oz			Water	10 gal		
2,4-d	16 oz	7.5 gal		Water	10 gal	600 gal	
2,4-d	16 oz	0.25 gal		Water	10 gal	16 gal	
2,4-d	16 oz	2.65 gal		Water	10 gal	220 gal	
2,4-d	16 oz	2.75 gal		Water	10 gal	220 gal	
Garlon 4		1/2 gal		Diesel		4 gal	
Garlon 4		1/2 gal		Diesel			
2,4-d + Roundup							
2,4-d + Roundup							
2,4-d + Roundup	16 oz each	10.75 gal each	5.4 gal each	Water	10 gal	860 gal	
2,4-d + Roundup	16 oz each	10.75 gal each	5.4 gal each	Water	10 gal	860 gal	
Plateau	4 - 8 oz	1 gal		Water	10 gal	200 gal	
Plateau	4,6,8 oz	1.75 gal		Water	10 gal	392.50 gal	
2,4-d	1 qt			Water	10 gal		
Roundup	1 qt			Water	10 gal		
2,4-d	16 oz	4.5 gal		Water	10 gal	360 gal	
2,4-d	32 oz						
2,4-d + Roundup	8 oz, 16 oz	1.75, 3.5 gal					
2,4-d	32 oz	5 gal					
2,4-d + Roundup	20 oz, 16 oz			Water	10 gal		
Transline	12 oz	1.5 gal		Water	10 gal	150 gal	
Ultra Roundup	2 qt			Water	10 gal		
Transline	12 oz	2.25 gal		Water	10 gal	250 gal	
Transline				Water			

Measurements oz, qt, gal

PSI Nozzle Pressure	Wind Direction	MPH Wind Speed	Temp/application	Site Condition
	W	2 - 8	81	
	W	2 - 8	81	
	NW	2 - 10	82	
	NW	2 - 10	82	
	NW	2 - 10	82	
30	N switching to SE	3 - 7	90	
	SW	8 - 15	90 - 95	
	N	7 - 12	62	
	SE	8.5 - 14	64	
	SW - S	4 - 12	75	
	SW - S	4 - 12	75	
	SW - S	4 - 12	75	
	S	5 - 19	78	
	SE	10 - 15	71	
	SW	5 - 10	32 - 38	
			28 - 32	
	S - SW	5 - 15	20 - 32	Most of site disturbed by dozer resulting in poor stump condition. N. fenceline in Sec 9 had snow.
				Should be decent coverage w/chemicals
				Savanna - light layer of leaf duff and sticks - overall very clean.
	N	10 - 20	50's	Fence row - thick grass & large stumps.
				Savanna - light layer of leaf duff and sticks - overall very clean.
				Savanna - very little ground cover, made for an easy treatment
	W	0 - 8	65	Bricks were thick with growth - did a complete cover - drive & parking lot touched up. Not too bad.
	S - SW	0 - 10	82 - 90	Good native grass growth in most areas of this site. Forb growth sparse & limited in diversity
				All numbered sites have good native plant growth of big bluestem or canada wldl rye. - 15 & 4 are thick with weeds.
				Dense vegetation on most some native grass especially on north side of site n. forbs scattered.
				CRP-ground - sprayed to control large patches of canada thistles and one patch of scotch. CRP
				CRP is otherwise relatively clean of weeds.
	S	5 - 13.5	70 - 79	
	S	5 - 13.5	70 - 79	
	S	5 - 13.5	70 - 79	
	S	5 - 13.5	70 - 79	
	S	5 - 13.5	70 - 79	
				Touch-up of a few trees in fence row.
30 - 40		0 - 2	35	
20 - 30				Area of dense small trees cleared by hand. Covering of leaf litter, but very little grass/forb cover - open oak savanna.
				Canada wild rye production plot.
				Showing good native grass; sprayed to control thistles
				Showing good native grass - large population of wild parsnip, thistles and ragweed.
				Site shows good growth of native grasses - but extreme populations of musk, bull and canada thistles.
60	SW	0 - 10	35	Stumps were free of vegetative cover - minimal leaf cover - area is a promising remnant - a few oaks are marked.
60	NW	5 - 15	60 - 63	Stumps treated after school group - Back pack.
30 - 40	ENE	4 - 12	66 - 83	
30 - 40	ENE	4 - 12	66 - 83	
30 - 40	ENE	4 - 12	75 - 85	Preplant burndown on crop acres. The majority was bean stubble. Site 60 was corn stubble.
30 - 40	ENE	4 - 12	75 - 85	Preplant burndown on crop acres. The majority was bean stubble. Site 60 was corn stubble.
30	W	5 - 10	75 - 80	
30	W	5 - 10	75 - 80	Newly seeded to natives in June - July 1997. Heavy foxtail.
30 - 40	W	15	75 - 80	Preplant burndown - mostly bean ground sites 53 & 54. Where set aside ground grown up in grass & broadleaves.
30 - 40	W	15	75 - 80	Preplant burndown - mostly bean ground sites 53 & 54. Where set aside ground grown up in grass & broadleaves.
30 - 40	W	5 - 15	80 - 85	
	SW	5 - 15	85 - 90	Bison area
	SW	5 - 15	85 - 90	
	SW	5 - 15	85 - 90	2nd pass preplant treatment.
25 - 35	SW	5 - 15	80 - 90	Farmstead demolition - ground rough & uneven - vegetation light to moderate.
30	S	0 - 10	75 - 85	2 sites sprayed - Danly & Plot N of 88th.
	N	0 - 7	80 - 85	WNT Site - Production plots Interim office. Mostly heavy foxtail - sprayed area for canada thistle - good show of several species.
30	S	5 - 10	80 - 85	High population canada thistles, some other weeds. Good growth of native grass - scattered uneven forb populations.
30	S	5 - 10	80 - 85	High population canada thistles, some other weeds. Good growth of native grass - scattered uneven forb populations.

Comments
Patriot Done from 4:30 - 8:00 PM
Patriot Done from 4:30 - 8:00 PM
Patriot Done from 4:30 - 8:00 PM
Applied with Patriot Done from 4:30 - 8:00 PM
Stump treatment (Dave's Group) Dense small brush & trees.Completed between 10.30am and 12.00pm.
Stump treatment in remnant area. Scattered small trees & brush. Completed pm.
Sprayed with the Patriot. Done between 1:30 & 2:30 PM
Sprayed with the Patriot. Done between 11:00 AM & 2:00 PM.
Stump treatment in remnant area - scattered brush. Completed between 8.30am and 3.15pm.
Applied with Patriot - Fall burn down on canary grass/switch.
Applied with Patriot - Fall burn down on canary grass/switch.
Applied with Patriot - Fall burn down on canary grass/switch.
Applied with Patriot. Fall burndown on CRP.
Stump treatment in Bison fence area. Trees & dense brush. Completed pm.
Stump treatment in preparation for bison enclosure. Completed between 9am to 4pm.
Stump treatment (contracted)
Check for regrowth in spring and treat. Can be done before or after fence is in. 300+ stumps treated. Job Description:-
Savanna looking very good - as of 4/16 caught up with treatment of cuttings.
Fence row - large stumps and small - cut off some stumps after a week or 2. 300 - 500 stumps treated. Job Description:-
Savanna looking very good - as of 4/16 caught up with treatment of cuttings.
Trees & brush cut by Des Moines Elementary School students - many stumps left high. >500 stumps of locust, scrub
Used a 4 % mix on 2 of 4 batches and 5% mix on first 2 batches - will be able to use a 2% or 3% mix in future.
Spot sprayed this area with Polaris 4 x 4 + boom and hand sprayer.
All sites sprayed to control field and musk thistles. There were also several patches of canada thistles. Patriot. Site 4 =
Spot sprayed with Polaris 4 x 4 and hand sprayer for patches of Canada thistles, hit some large patches of field thistles.
Where bison handling facility will be located. WNT Site Description 41 (Bison handling area). Patriot.
WNT Site Description 42 (22.3). Patriot.
WNT Site Description 43 (35.5). Patriot.
SW bison - N of cabbage. WNT Site description 44. Patriot.
WNT Site Description:- 45. DeBruin. Patriot.
WNT Site Description:- N of bridge on Pacific (west of road). Patriot.
This is an area that has a large population of switch grass. WNT Site Description 38 (6). Patriot.
WNT Site Description:- Site 21 (Danly).
NE corner fence Temp office site. Center section lines. Stumps treated 20 - 5" or less trees.
Stumps treated 300 - 2", 50 >2". Job description - Buzzard Head between 9 & 10 restoration project - stumps from scout
Treated on a warm sunny day - the stumps should take chemical well. 300 - 500 stumps treated. Job Description:
WNT Site Description:- Site 6 (SYO '95).
WNT Site Description:- Site 2.
WNT Site Description:- Site 31.
WNT Site Description:- Site 45 (DeBruin).
WNT Site Description:- Site 23. S1/2 Section 16.
WNT Site Description:- Site 23. N1/2 Section 21.
WNT Site Description:- Site 25 ('94).Big bluestem may have a blight on this site.
WNT Site Description:- Temp office pond (west of pond).
WNT Site Description:- Site 27 ('94).
WNT Site Description:- Site 1. Applications appear to have worked well - very high populations of native grasses.
WNT Site Description:- Buzzard Head (SE end). Back packed sprayed. Be sure to consult with Pauline before doing any further cutting on the site because of sensitive plants growing in this area that need shade. Small brush cut by ISEL group Buzzard Head post school group.
WNT Site Description:- 66, 67, 68.
WNT Site Description:- 66, 67, 68.
WNT Site Description:- Sites 59, 60, 61, 62, 63. Good burndown - planting began within 2 weeks of application resulting
WNT Site Description:- Sites 59, 60, 61, 62, 63. Good burndown - planting began within 2 weeks of application resulting
WNT Site Description:- E of Allette]? This area was used to research the effects of Plateau on new seedings - excellent
WNT Site Description:- 59 & 60.This area was used to research effects of different rates of Plateau on new plantings -
WNT Site Description:- 53, 54, 55, 56, 57, 58. Successful burndown - repeat application applied to north portion of site
WNT Site Description:- 53, 54, 55, 56, 57, 58. Successful burndown - repeat application applied to north portion of site
WNT Site Description:- Site 43 - N of Pacific Bridge E & W. Sprayed to control multi - broadleaf problems.
WNT Site Description:- Beaner Farmstead. Burn down as preplant - worked well.
WNT Site Description:- Danly and Canada Rye Plote N of 88th. All areas spot sprayed to control canada thistles.
This area is coming along well but time is limited - some canada thistles in many rows - sprayed with 4 x 4 hand wand.
Sprayed with section 21 same day. This area was populated heavily in canada thistles and was "spot" sprayed.
Sprayed with section 16 same day. This area was populated heavily in canada thistles and was "spot" sprayed.

5		
10		
2		
15		
< 1		
1 - 2		500+ stumps treated. Retreat & treatment of stumps cut by school groups.
		500+ stumps treated. Retreat & treatment of stumps cut by school groups.
< 0.5		Approx. 500 stumps treated. Treated regrowth of year old stumps. Spring understory coming on strong. This site was mixed at 6:1 ratio (diesel : Garlon). Site is on SE edge of woods- sheltered- no wind.
< 0.5		
10		
		Pre-plant burndown on crop stubble bean and corn.
100		Burndown for preplant.
85		
		Preplant burndown on corn & bean stubble.
65		Burndown bean stubble.
65		
30		Bean stubble wet.
7		
38		
27		Spot spray canadian & musk thistle in prairie planting.
27		Spot spray canadian & musk thistle in prairie planting.
1 - 2		500+ stumps treated. Retreat & treatment of stumps cut by school groups.
		500+ stumps treated. Retreat & treatment of stumps cut by school groups.
< 0.5		Approx. 500 stumps treated. Treated regrowth of year old stumps. Spring understory coming on strong. This site was mixed at 6:1 ratio (diesel : Garlon). Site is on SE edge of woods- sheltered- no wind.
< 0.5		
10		
		Pre-plant burndown on crop stubble bean and corn.
100		Burndown for preplant.
85		
		Preplant burndown on corn & bean stubble.
65		Burndown bean stubble.
65		
30		Bean stubble wet.
7		
38		
27		Spot spray canadian & musk thistle in prairie planting.
27		Spot spray canadian & musk thistle in prairie planting.
20		
5 spots		Target - clover. Equipment used - Patriot.
6	Patriot.	
5		Equipment used - Patriot.
0.5		Sprayed Thistle by hand
30		Burn down. Equipment used - Patriot.
0.82		Reed canary & multi-flora rose spot treatment with back pack.
6		Target: weeds in rocks using back pack sprayer.
6		Target: weeds in rocks using back pack sprayer.
1		Reed canary grass targeted using back pack sprayer.
Approx 1		Exotic Rubis sp
Approx 1		Target species: exotic rubis sp.
2		Target: weeds in rocks. Used ATV. Both sections 9 & 16 done at same time.
2		Target: weeds in rocks. Used ATV. Both sections 9 & 16 done at same time.
2		Target: brush using back pack sprayer.
2		Target: brush using back pack sprayer.
2		Target: brush using back pack sprayer.
2		Target: brush using back pack sprayer.
4		Target: weeds in the trail.
6	Patriot.	
6	Patriot.	
Approx 7.2		Target species Reed Canary. Finishing earlier efforts.
14	Patriot.	
Approx 3		Target Reed Canary. Spot sprayed with back pack.
1		Reed canary spot treatment with back pack.
1		This section and sections 8 & 10 sprayed at same time with back pack sprayers.
1		This section and sections 4 & 10 sprayed at same time with back pack sprayers.
1		This section and sections 8 & 4 sprayed at same time with back pack sprayers.
1		Exotic Rubis sp.with back pack sprayers.
1		Exotic Rubus
1		This section and sections 8 & 10 sprayed at same time with back pack sprayers for crown vetch.
1		This section and sections 4 & 10 sprayed at same time with back pack sprayers for crown vetch.
1		This section and sections 8 & 4 sprayed at same time with back pack sprayers for crown vetch.
2		Rubus
		Sprayed for Canada Thistle with Patriot.
1		Target Rubus sp, Crown Vetch this section and section 9 sprayed at same time.
1		Target Rubus sp, Crown Vetch this section and section 21 sprayed at same time.
2		Sprayed Canada Thistle with backpack sprayer.
3		
6		
7		Used back pack on Reed Canary Grass.

5		Spraying weeds in rock with ATV sprayer.
7		Spot sprayed around Prairie Learning Center.
2		Used back pack/hand sprayer on Rubus sp.
4		Non-local ecotype Switchgrass. Used back pack sprayers.
< 1		Empty back pack tanks on Reed Canary Grass.
2		Kiosk area. Half of mix was used at Coneflower Prairie.
5		
55		
< 1		Sprayed non-local ecotype Switchgrass, Silver Plume Grass, Bull Thistle.
1		Sprayed to control Foxtail.
5		Sprayed for weeds with hand sprayer.
1		Switchgrass & Silver Plumegrass. Used back pack.
< 1		Silver plumegrass. Used back pack.
< 1		Black Locust - frugal bark treatment.
Approx 2		200 stumps of Black locust.
< 1		Black Locust
1		Target exotic Rubis.
1		Treated about 75 black locust stumps with back pack.
1		Black locust eradication.
1		Black Locust removal with school groups. About 50 stumps.
< 1		Cut Black Locust in savanna and treated stumps with sponge-end applicator - sprayed basal bark on Locust across the road. Treated about 75 stumps.
40		Sprayed for Canada & Bull Thistle with Patriot.
< 1		Black locust basal bark applied with back pack.
2		Sprayed exotic Rubus sp.
1		Black locust along the road south & west of the savanna + south west corner of savanna. 25 stumps treated with back pack.
1		Black locust invasion in savanna using back pack sprayer.
< 1		Black locust mini stumps (saplings) using chemical stick.
< 1		Folran treated black locust saplings - most less than 3' tall.
2		Stump treated cottonwoods cut by school group with back pack. 125 stumps treated.
Approx 2		Basal bark treating black locust using back pack sprayer.
2		Foliar application on sapling black locust using back pack sprayer.
1		Treated about 150 stumps of trees cut 10/20 by IPN Group.
1		Treated 150 stumps using back pack sprayer.
3		Cool season exotics (grasses)Windy day to be resprayed.
6		Cool season exotics (grasses)
3		Cool season exotics (grasses) Respray after 12/8/2001
1		Treated 200 black locust stumps. Stewardship sctivity Dallas County students.
7.2		Reed canary grass, canada thistle 16 gal. Mixed. Applied with back pack hand sprayers, spot treatment
		Sprayed for roadside weeds with ATV sprayer.
		Sprayed for roadside weeds with ATV sprayer.
		Sprayed for roadside weeds with ATV sprayer.
		Sprayed for roadside weeds with ATV sprayer.
		Sprayed for roadside weeds with ATV sprayer.
		Sprayed for roadside weeds with ATV sprayer.
< 1		Black locust using back pack sprayer.
2	Backpack	Willow et al
1	Backpack	Willow et al
< 1	Backpack	Willow et al
< 1	Backpack	Trees
Approx 2	Stick	Woody stumps
2	Backpack	Black Locust
3		Queen Anne's Lace, Parsnip, Birds Foot Trefoil
2	Backpack	Sumac
2	Backpack	Woody growth
2	Backpack	Woody growth
2	Backpack & glove	Sunflower and Thistle
1	Backpack	Thistle
4	Pull behind unit	Reed Canary
1	Backpack	Woody veg
1		
2		
5		

3	ATV w/ tank and short boom	Reed Canary
5		
16		Weeds
3	ATV w/ tank	Exotics
< 5		
< 3		
5		
7		Canada thistle
2	Backpack	Black Locust & Willow
2	Backpack	Black Locust & Willow
< 15		
< 1		Canada thistle
< 1	Backpack	Crown Vetch and Canada Thistle
< 1	Backpack	Crown Vetch and Canada Thistle
< 1	Backpack	Crown Vetch and Canada Thistle
5		Stump treatment
10		Canada Thistle
< 5		Canada Thistle
1		
1		Canada Thistle
< 10		Canada Thistle/Musk Thistle
1	Backpack	Crown Vetch and Canada Thistle
2	Backpack	Black Locust
2	ATV	Trees in road ditch
2	Backpack	Savanna trail
2	Backpack	
5	Backpack	Stump treatment
2	Backpack	Exotic Rubus
2		
2	Backpack	Switchgrass cultivars
2		
2		
		Switchgrass
< 1		
2	Backpack	Switchgrass cultivars
	Backpack	Switchgrass cultivars
2	Backpack	Switchgrass cultivars
1	Backpack	Switchgrass cultivars
2	Backpack	Switchgrass cultivars
5	Backpack	Switchgrass cultivars
2	Backpack	Black locust
1	Backpack	Black locust
1	Backpack	Black locust
1	Backpack	Willow et al
1	Backpack	Willow et al
1	Backpack	Willow et al
1	Backpack	Willow et al
2	Backpack	Black locust
2		100 stumps of Black Locust treated
2		500 stumps of Willow treated
	Backpack	Black locust
		250 - 300 stumps of Black Locust and Cherry
5		25 - 50 stumps of Black Locust
1		300 stumps of Willow
1		300 stumps of Willow
0.5		150 stumps of Willow
2		Stump treatment of 50 stumps of Locust.
1.5		Direct stem contact with 150 stumps of Locust and Ironwood.
4		Direct stem contact with 3000 stumps of Willows and Cottonwoods. Small stumps between 1/8" - 2" in diameter.
4		Direct stem contact with 1800 stumps of Willow and Cottonwoods. Small whips/stumps between 1/8" - 3" in diameter.
4		Direct stem contact to 300 stumps of Black Locust. Small whips/stumps between 1/8" and 2" in diameter.
6		Direct stem contact with 1800 stumps of Black Locust. Small whips and stumps between 1/8 - 2" in diameter.
20		Direct stem contact to 10,000 stumps of Willow and Cottonwood
10		Direct stem contact with 4000 stumps of Willow and Cottonwood.
13		Sprayed weeds
2		Direct stem contact to 800 stumps of Willow and Black Locust
2		Direct stem contact to 20 Black Locust stumps 6" - 24" in diameter
10		Direct stem contact to 800 stumps/whips of Willows and Black Locust 1/8" - 3" in diameter
20		Spot sprayed Musk Thistle.
1		Spot sprayed Canada Thistle.

2		Direct stem/stump contact to 10 Black Locust 6" - 12" in diameter
1		
3.5		Parsnip test.
1		
2		20 direct stem/stumps of Black Locust
12		Sprayed Clover and Parnsip
12		
2		20 direct stem/stumps of Black and Honey Locust
4		50 stumps of Black and Honey Locust
7.2		Sprayed Sweet Clover and Canada Thistle
2.4		
2		150 stumps
10		200 stumps of Black Locust 1/8" - 1" in diameter
10		Spot sprayed Canada Thistle
2		Spot sprayed Canada Thistle
0.4		Sprayed Reed Canary Grass
11		Spot sprayed Canada Thistle
0.25		Sprayed Rubus
		Spot sprayed Bull & Canada Thistle
		Spot sprayed Black Locust stumps
2		Sprayed
2		Sprayed
		200 - 300 stumps
		150 stumps
		150 stumps
4		
7		
51		
		Sprayed Curry Road, Cabbage Road, Kawe Road and Basswood E & W.
9		
24.9		Sprayed Parsnip
< 1		Sprayed around access structures and dikes
		Stump treatment various species
		Stump treatment of Willow and shrubs
		200 - 300 stumps
		Stump treatment of Willow and Cottonwood
6		Reed Canary Grass
3		Musk, Canada and Field Thistle
4		Reed Canary Grass
< 1		Sprayed
1		Sprayed
2		Sprayed
		40 - 50 stumps.
		30 stumps of Black Locust saplings
0.5		100 - 150 stumps
		Stump treatment Willow, Black Locust and Elm
		Stump treatment Locust and Willow trees
0.5		40 - 80 stumps
0.5		40 - 80 stumps
		Stump treatment of Willow and Aspen saplings
		Sprayed
1		Weeds had been cut - sprayed new growth
		Stump treatment
30		Lespedeza
		40 - 60 stumps
		40 - 60 stumps
		207 stumps of Black Locust
		253 stumps of Black Locust

		Stump treatment
0.5		20 - 30 stumps
0.5		Stump reduction/treatment
1.5		80 - 120 stumps
0.1		40 stumps of Locust
1		200 - 300 stumps
		150 stumps
		75 stumps
7		Burned brome stubble
2.5		Both sides of entry road
20		Lespedeza
40		
< 1		
		Reed Canary Grass
		Cracks on tallgrass trail
		500 stumps of Willow
		Around production greenhouse, equipment shed & fuel pumps
		Rubus
		Entry road shoulder
		Trails and savanna parking lot
		Lespedeza
		Rubus
< 1		Sprayed yard
		Switchgrass
		Stump treatment

7/22/1997	Brian Boot	9	NE1/4 NE1/4				
7/22/1997	Brian Boot	9	SW1/4 SE1/4				
7/23/1997	Brian Boot	10	W1/2				
7/24/1997	Gregg Pattison	16	NW1/4 SE1/4				
7/31/1997	Brian Boot	10	W1/2 NW1/4				
8/13/1997	Gregg Pattison	16					
8/13/1997	Gregg Pattison	17					
4/14/1998	Gregg Pattison	15	SW1/4 NW1/3 SW1/4 NW1/4	Savanna			
4/14/1998	Gregg Pattison	15	NE1/4 SW1/4 NE1/4 SW1/4	Buzzard Head			
4/17/1998	Gregg Pattison	15	SW1/4 NW1/4 SW1/4 NW1/4	East edge of Buzzard Head			
4/22/1998	Gregg Pattison	15	SW1/4 NW1/4 SW 1/4 NW1/4	Buzzard Head			
5/2/1998	Brian Boot			Roadside 112th & 119			
5/3/1998	Brian Boot			Roads 112th - 119th			
5/4/1998	Brian Boot	3					
5/5/1998	Brian Boot			69 and 70			
5/5/1998	Brian Boot			96 and 88 - roadsides			
5/6/1998	Brian Boot	3	N1/2	69 and 70			
5/13/1998	Brian Boot	3	SW1/4	72 and 73			
5/13/1998	Brian Boot			72 and 73			
5/19/1998	Brian Boot	14	SW1/2 NW1/4	78			
5/20/1998	Brian Boot	14	S1/2	99			
5/27/1998	Brian Boot	5	W1/2 NW1/4	74			
5/27/1998	Brian Boot	3	NW1/4 NW1/4	71			
5/27/1998	Brian Boot	5	NW1/4 W1/2	75			
6/16/1998	Brian Boot	9					
6/16/1998	Brian Boot	16					
4/14/1998	Gregg Pattison	15	SW1/4 NW1/3 SW1/4 NW1/4	Savanna			
4/14/1998	Gregg Pattison	15	NE1/4 SW1/4 NE1/4 SW1/4	Buzzard Head			
4/17/1998	Gregg Pattison	15	SW1/4 NW1/4 SW1/4 NW1/4	East edge of Buzzard Head			
4/22/1998	Gregg Pattison	15	SW1/4 NW1/4 SW1/4 NW1/4	Buzzard Head			
5/2/1998	Brian Boot			Roadside 112th & 119			
5/3/1998	Brian Boot			Roads 112th - 119th			
5/4/1998	Brian Boot	3					
5/5/1998	Brian Boot			69 and 70			
5/5/1998	Brian Boot			96 and 88 - roadsides			
5/6/1998	Brian Boot	3	N1/2	69 and 70			
5/13/1998	Brian Boot	3	SW1/4	72 and 73			
5/13/1998	Brian Boot			72 and 73			
5/19/1998	Brian Boot	14	SW1/2 NW1/4	78			
5/20/1998	Brian Boot	14	S1/2	99			
5/27/1998	Brian Boot	5	W1/2 NW1/4	74			
5/27/1998	Brian Boot	3	NW1/4 NW1/4	71			
5/27/1998	Brian Boot	5	NW1/4 W1/2	75			
6/16/1998	Brian Boot	9					
6/16/1998	Brian Boot	16					
8/18/2000	Brian Boot			West			
4/27/2001	Brian Boot			41 and 42			
5/16/2001	Brian Boot			102			
5/16/2001	Brian Boot			Production plot SW corner			
6/7/2001	Mike Rich	16	SE corner SW1/4				
6/8/2001	Brian Boot	21	S1/2 SE1/4	113 - Van den Linden - De Bryow			
6/11/2001	Ron Van Nimwegei	15	T78N R21W N1/2 SW1/4	Thorn Valley savanna restoration - trailside			
6/12/2001	Eric Van Zee & Sco	9		Roadside - Maintenance Yard			
6/12/2001	Eric Van Zee & Sco	16		Roadside - Maintenance Yard			
6/15/2001	Ron Van Nimwegei	16	T78N R21W N1/2 NE1/4 SE1/2	PLC Tall grass trail - restored prairie			
6/15/2001	Paul Charland	21	T78N R21W NW1/4 SW1/4	Game Farm savanna reconstruction			
6/15/2001	Paul Charland	21	T78N R21W	Game farm			
6/15/2001	Eric Van Zee	9		Roadside, Main Yard			
6/15/2001	Eric Van Zee	16		Roadside, Main Yard			
6/15/2001	Eric Van Zee & Sco	8	SE1/4	Roadside			
6/15/2001	Eric Van Zee & Sco	16	Middle Sec 16	Roadside			
6/15/2001	Eric Van Zee & Sco	17	N1/2	Roadside			
6/15/2001	Eric Van Zee & Sco	10	Middle Sec 10	Roadside			
6/20/2001	Eric Van Zee		NW1/4	15 - enter trail spraying			
6/21/2001	Brian Boot			102			
6/21/2001	Brian Boot			112 - road scar			
6/22/2001	Paul Charland, Ang	16	S1/2 NE1/4 & N1/2 SE1/4	Friends prairie - restored prairie			
6/22/2001	Brian Boot			109			
6/25/2001	Paul Charland, Ror	16	S1/2 NE1/4 & N1/2 SE1/4	Friends prairie restoration			
6/25/2001	Paul Charland, Ror	15	N1/2 SW1/4	Thorn Valley savanna restoration - trailside			
6/26/2001	Ron Van Nimwegei	4	T78N R21W	Roadside ditches along entry road			
6/26/2001	Ron Van Nimwegei	8	T78N R21W	Roadside ditches along entry road			
6/26/2001	Ron Van Nimwegei	10	T78N R21W	Roadside ditches along entry road			

7/10/2001	Scott Van Ryswyk	15	N1/2 SW1/4				
7/10/2001	Paul Charland, Ror	16	T78N R21W	Prairie restoration			
7/10/2001	Paul Charland, Ror	21	NW1/4 SW1/4	Crane Farm wooded prairie remnant.			
7/11/2001	Paul Charland, Ror	10	NE1/4 NW1/4				
7/11/2001	Paul Charland, Ror	3	SE1/4 NW1/4				
7/12/2001	Paul Charland, Ror	3	SE1/4 NW1/4	T78N R21W restoration			
7/12/2001	Paul Charland, Ror	10	NE1/4 NW1/4	Native Prairie			
7/16/2001	Brian Boot	8	S1/2 SE1/4				
7/24/2001	Paul Charland, Ror	10	T78N R21W	Coneflower Prairie - prairie remnant			
7/26/2001	Mike Rich			PL production plot			
8/2/2001	Eric Van Zee	16		52 - wetlands and pump house			
8/10/2001	Paul Charland, Ror	10	T78N R21W	Coneflower prairie remnant			
8/10/2001	Paul Charland, Ror	16	T78N R21W	Friends prairie reconstruction			
8/11/2001	Paul Charland	15	T78N R21W	Reconstruction			
8/12/2001	Paul Charland	16	T78N R21W	Prairie reconstruction			
8/14/2001	Paul Charland	16	T78N R21W	Friends Prairie/PLC - Prairie reconstruction			
8/20/2001	Paul Charland	21	T78N R21W	Game Farm savanna remnant			
8/30/2001	Paul Charland	15	T78N R21W	Thorn Valley savanna remnant			
8/31/2001	Paul Charland	15	T78N R21W	Thorn Valley savanna remnant			
9/5/2001	Paul Charland	15	T78N R21W	Thorn Valley savanna - savanna remnant			
9/8/2001	Paul Charland, And	15	T78N R21W	Thorn Valley savanna. Savanna remnant, prairie reconstruction			
9/10/2001	Brian Boot			Bison pasture N			
9/10/2001	Paul Charland	15	T78N R21W	Thorn Valley savanna restoration			
9/11/2001	Paul Charland	21	T78N R21W	Game Farm savanna remnant			
9/12/2001	Paul Charland	15	T78N R21W	Thorn Valley savanna reconstruction			
9/13/2001	Paul Charland	15	T78N R21W	Thorn Valley savanna remnant			
10/1/2001	Paul Charland	15	T78N R21W	S of Thorn Valley savanna reconstruction			
10/2/2001	Paul Charland	15	T78N R21W	S of Thorn Valley savanna reconstruction			
10/3/2001	Paul Charland	14	T78N R21W	Interim production plots reconstruction			
10/5/2001	Paul Charland	21	T78N R21W	Gully area reconstruction			
10/8/2001	Paul Charland	15	T78N R21W	Thorn Valley reconstruction			
10/23/2001	Paul Charland	16	T78N R21W	Gully area reconstruction			
10/31/2001	Paul Charland	21	T78N R21W	Gully area reconstruction			
12/8/2001	Paul Charland	16	S1/2 SE1/4	High Point - prairie reconstruction			
12/10/2001	Paul Charland	16	S1/2 NE1/4	Tallgrass & Overlook trails - prairie reconstruction			
12/10/2001	Paul Charland	16	S1/2 SE1/4	High Point road scar - prairie reconstruction			
12/17/2001	Paul Charland	21	T78N R21W	High Point/Gully - Prairie reconstruction			
6/11/2001	Paul Charland, Ror	16	S1/2 NE1/4 & N1/2 SE1/4	Friends prairie - restored prairie			
7/3/2001	Scott Van Ryswyk	3	W1/2	Entry road			
7/3/2001	Scott Van Ryswyk	4	SE1/4	Entry road			
7/3/2001	Scott Van Ryswyk	9	NE1/4	Entry road			
7/3/2001	Scott Van Ryswyk	10	W1/2	Entry road			
7/3/2001	Scott Van Ryswyk	15	NW1/4	Entry road			
7/3/2001	Scott Van Ryswyk	16	S1/2	Entry road			
9/14/2001	Paul Charland	15	T78N R21W	Thorn Valley savanna remnant			
1/22/2002	Paul Charland			Along entrance road by PLC			
1/22/2002	Paul Charland			Along entrance road by PLC			
1/23/2002	Paul Charland			Along ent. Rd north of Thorn Val.			
1/28/2002	Paul Charland			West side of grain bins Interim area			
4/3/2002	Shannon Wohl			Entry road south of PLC			
4/6/2002	Shannon Wohl			Adjacent to erosion gully			
4/11/2002	Brian Boot & Christy Smith			VC planters/top loop of trail			
4/20/2002	Joe Heffron, Dean Reynolds and Shannon Wohl			Coneflower Prairie			
5/2/2002	Paul Charland and Shannon Wohl			West of PLC, tall brome			
5/3/2002	Paul Charland and Shannon Wohl			West of PLC, Tall brome			
5/6/2002	Paul Charland and Shannon Wohl			Sunflower - orchid area, thistle - north of road scar on high point			
5/8/2002	Paul Charland			North of road scar, south of PLC			
5/10/2002	Paul Charland			North west corner of Thorn Valley			
5/15/2002	Shannon Wohl			South side of Thorn Valley			
5/28/2002	Scott Van Ryswyk	16	SW1/4 NE1/4	Maintenance			
5/28/2002	Scott Van Ryswyk			Two mile trail			
5/28/2002	Eric Van Zee			Entry road			

5/31/2002	Paul Charland			Between Thorn Valley Savanna and Walnut Creek			
5/31/2002	Eric Van Zee			Bison enclosure fence line			
6/3/2002	Scott Van Ryswyk	16		53			
6/5/2002	Paul Charland			New Production Plots			
6/5/2002	Brian Boot			02 - 2			
6/5/2002	Brian Boot	5		02 - 1			
6/5/2002	Brian Boot			02 - 3			
6/6/2002	Brian Boot	14	W1/2 SE1/4	79			
6/8/2002	Paul Charland			Friends Prairie along trail & Entrance road			
6/8/2002	Shannon Wohl			Friends Prairie along trail & Entrance road			
6/12/2002	Brian Boot			23			
6/17/2002	Brian Boot	3	N1/2	70			
6/20/2002	Paul Charland			NE corner of entry road and bison road			
6/20/2002	Megan Korte			NE corner of entry road and bison road			
6/20/2002	Shannon Tuttle			NE corner of entry road and bison road			
6/20/2002	Rick Hager	15		Buzzard Head			
6/21/2002	Brian Boot	4	W1/2 SW1/4	21			
6/21/2002	Brian Boot	8	W1/2 SW1/4 SW1/4	49			
6/21/2002	Rick Hager			96th Ave between 109th and entry rd, S of savanna on 119th St			
6/24/2002	Brian Boot	5	NE1/4	74 and 75			
6/24/2002	Brian Boot	22	S1/2 SW1/4	Washington township. WW unit			
6/24/2002	Paul Charland and Shannon Wohl			NE corner of entry road and bison road			
6/25/2002	Rick Hager and Shannon Wohl			East side of erosion gully			
7/10/2002	Eric Van Zee	16	S1/2				
7/15/2002	Eric Van Zee	15	W1/2				
7/15/2002	Eric Van Zee	15	W1/2				
7/15/2002	Eric Van Zee	3 & 4					
7/23/2002	Paul Charland, Megan Korte, Shannon Wohl and Shannon Tuttle			Game Farm			
7/23/2002	Brian Boot	16					
7/30/2002	Paul Charland, Megan Korte, Shannon Wohl and Shannon Tuttle			Coneflower Prairie			
8/8/2002	Brian Boot	15	NE1/4 NE1/4 SW1/4				
8/8/2002	Brian Boot	15	NE1/4 SW1/4				
8/28/2002	Brian Boot	15	SW1/4 SE1/4 SW1/4				
8/28/2002	Rick Hager	16		Constructed wetlands			
9/5/2002	Paul Charland			Friends Prairie along trail & Entrance road			
9/5/2002	Paul Charland			Coneflower Prairie			
9/6/2002	Paul Charland and Shannon Wohl			Friends Prairie along trail & Entrance road			
9/9/2002	Paul Charland			Friends Prairie along trail & Entrance road			
9/12/2002	Paul Charland and Shannon Wohl			Friends Prairie along trail & Entrance road			
9/16/2002	Shannon Wohl			Friends Prairie along trail & Entrance road			
10/7/2002	Paul Charland			Thorn Valley savanna and along the road to the south			
10/9/2002	Paul Charland			Thorn Valley savanna, west side			
10/15/2002	Shannon Wohl			Thorn Valley savanna, west side			
10/18/2002	Paul Charland	16	T78N R21W				
10/18/2002	Paul Charland			1st draw west of maintenance			
10/18/2002	Paul Charland			1st draw west of maintenance			
10/19/2002	Paul Charland and Dean Reynolds			1st draw west of maintenance			
10/19/2002	Paul Charland and Dean Reynolds			1st draw west of maintenance			
10/22/2002	Paul Charland			Thorn Valley savanna, west side			
10/23/2002	Paul Charland	15	NW1/4 SW1/4	Thorn Valley savanna			Yes
10/23/2002	Dean Reynolds	16	NE1/4 SW1/4	West of maintenance			Yes
10/26/2002	Shannon Wohl			Thorn Valley savanna, west side			
11/9/2002	Shaun Wohl	15	NE1/4	Savanna area			Yes
11/12/2002	Shaun Wohl		NE1/4	NE corner of tall grass trail			Yes
12/5/2002	Kelly Egen	16	NE1/4 SW1/4	West of maintenance			Yes
12/18/2002	Kelly Egen	16	NE1/4 SW1/4	West of maintenance			Yes
12/19/2002	Kelly Egen	16	NE1/4 SW1/4	West of maintenance			Yes
1/6/2003	Kelly Egen	15	R21W T78N	Savanna. NE of Kee SW.			Yes
5/15/2003	Kelly Egen	15	R21W T78N				Yes
5/16/2003	Kelly Egen and	16	R21W T78N				Yes
5/20/2003	Kelly Egen	16	R21W T78N				Yes
5/21/2003	Jeff Braun	15	R21W T78N	Thorn Valley			Yes
5/22/2003	Kelly Egen	21	R21W T78N	High Point.			Yes
5/27/2003	Tom Kelsea Jesse Spivey Kelly Egen Jeff Braun Jon Richert Nate Glynn	16	R21W T78N	PLC/Butterfly along roadside and in valley of PLC.			Yes
5/28/2003	Tom Kelsea Jesse Spivey Kelly Egen Jeff Braun Jon Richert Nate Glynn	15	R21W T78N	Butterfly along roadside to road to Bison/Elk.			Yes
5/28/2003	Tom Kelsea Jesse Spivey Kelly Egen Jeff Braun Jon Richert Nate Glynn	15	R21W T78N				
5/30/2003	Brian Boot	16		53			Yes
5/30/2003	Brian Boot						
6/3/2003	Kelly Egen	15	R21W T78N	Thorn Valley next to savanna			Yes
6/4/2003	Kelly Egen	21	R21W T78N				Yes
6/5/2003	Kelly Egen	15	R21W T78N	Thorn Valley, next to Savanna - across from maintenance entrance			Yes
6/5/2003	Eric Van Zee	15	N1/2 NE1/4	02 - 3			Yes
6/5/2003	Brian Boot			49, 36, 35 and 48			Yes

6/5/2003	Brian Boot						
6/9/2003	Kelly Egen	21	R21W T78N				Yes
6/9/2003	Eric Van Zee	10					
6/9/2003	Eric Van Zee						
6/11/2003	Brian Boot	14		78			Yes
6/11/2003	Brian Boot	14					
6/11/2003	Brian Boot	15		94, 01 - 01, 01 - 02 and 44			Yes
6/11/2003	Brian Boot	15					
6/11/2003	Brian Boot	16		14, 39, 7 and 8			Yes
6/11/2003	Brian Boot						
6/12/2003	Kelly Egen	21	R21W T78N				Yes
6/12/2003	Brian Boot	16	NW1/4 SW1/4	97 and 42			Yes
6/12/2003	Brian Boot	16	NW1/4 SW1/4				
6/12/2003	Brian Boot	16	W1/2 NW1/4 NW1/4				Yes
6/13/2003	Kelly Egen	21	R21W T78N				Yes
6/16/2003	Kelly Egen	21	R21W T78N				Yes
6/16/2003	Brian Boot	14	S1/2	79, 28 and 18			Yes
6/16/2003	Brian Boot	14	S1/2				
6/16/2003	Brian Boot	10	W1/2	26			Yes
6/16/2003	Brian Boot						
6/18/2003	Jeff Braun			Planting Sites 3, 4, 9, 10 and 15. 50ft from Entry Road			No
6/24/2003	Kelly Egen	16	R21W T78N				Yes
6/30/2003	Brian Boot	3		72, 63, 83, 82, 81, 71, 85 and 69			Yes
6/30/2003	Brian Boot						
6/30/2003	Brian Boot	10	W1/2	54, 26, 58, 55 and 56			Yes
6/30/2003	Brian Boot						
7/1/2003	Kelly Egen	15	NE1/4 SW1/4				Yes
7/1/2003	Brian Boot	3, 4, 5	NE1/4	1, 74, 75, 21, 2 and 02 - 2			Yes
7/1/2003	Brian Boot						
8/7/2003	Jeff Krueger						No
8/11/2003	Brian Boot	3, 4, 10		70 and 83. Fence by highway 163 and either side of entry road			Yes
8/11/2003	Jeff Krueger			Near Oak Savanna			No
10/21/2003	Mike Rich			All Production Plots			No
10/21/2003	Mike Rich			Production Plots - Rows only			No
2/25/2004	Jeff Krueger			Oak Savanna			No
2/26/2004	Jeff Krueger			Oak Savanna			No
2/27/2004	Jeff Krueger			Oak Savanna			No
4/2/2004	Brian Boot	4		Kane - Road Ditch - 4A			No
4/2/2004	Brian Boot			Curry - road edge			No
4/2/2004	Brian Boot			Basswood W - 39A E - 22A			No
4/2/2004	Brian Boot			Basswood Unit			Yes
4/2/2004	Brian Boot			Cabbage - Road Ditch			No
4/27/2004	Brian Boot	3					Yes
5/20/2004	Richard Hager	16		Wastewater wetland			Yes
5/27/2004	Alan Murray			Entry Road - PLC			Yes
5/28/2004	Alan Murray			Entry Road - PLC			Yes
6/12/2004	Alan Murray			Entry Road - PLC			No
6/12/2004	Alan Murray			Entry Road - PLC			Yes
6/29/2004	Jeff Krueger			Sedge Meadow and first draw SE of kiosk			No
7/8/2004	Kelsey Bruns			Thorn Valley			Yes
7/12/2004	Jeff Krueger			Sedge Meadow			No
7/13/2004	Kelsey Bruns			PLC parking lot			Yes
7/13/2004	Kelsey Bruns			Oak Savanna trail and parking lot			Yes
7/13/2004	Kelsey Bruns			PLC - Overlook trail			Yes
7/19/2004	Alan Murray			Entry road			No
7/20/2004	Alan Murray			2 - Overlook Trail areas adjacent to			Yes
7/24/2004	Alan Murray			Entry Road ditch			No
7/24/2004	Alan Murray &			Entry Road ditch			Yes
7/27/2004	Alan Murray			Entry Road ditch			Yes
7/27/2004	Alan Murray			Entry Road ditch			No
7/29/2004	Alan Murray			Entry Road ditch			No
7/29/2004	Alan Murray &			Entry Road ditch			Yes
8/4/2004	Kelsey Bruns			Tallgrass, Overlook and Oak Savanna trails			Yes
8/12/2004	Richard Hager	16		Wastewater wetland			No
9/11/2004	Alan Murray			Draw Entrance Road			
9/16/2004	Brian Boot			Basswood Unit			Yes
9/18/2004	Alan Murray			Entry road			No
9/18/2004	Alan Murray			Draw Entrance Road			
9/25/2004	Alan Murray			Draw Entrance Road			
9/28/2004	Alan Murray			Entry road			No
9/28/2004	Alan Murray			Draw Entrance Road			Yes
10/12/2004	Jeff Braun						No
10/15/2004	Jeff Braun and			Oak Savanna along Tallgrass trail			No

10/27/2004	Alan Murray			Entry road			Yes
11/26/2004	Alan Murray			Buzzard Head			No
11/26/2004	Alan Murray			Buzzard Head			Yes
12/11/2004	Alan Murray			Buzzard Head			No
1/24/2005	Jeff Krueger			Tables in production greenhouse			No
2/3/2005	Richard Hager			Thorn Valley adjacent to class 'B' road			Yes
2/12/2005	Alan Murray and			Buzzard Head			Yes
3/22/2005	Nick Allen			Old Game Farm			No
3/22/2005	Nick Allen			Old Game Farm			No
4/6/2005	Brian Boot	16	W1/4 SW1/4	01 - 05			Yes
5/26/2005	Kelsey Bruns			Entry road			Yes
6/6/2005	Jeff Krueger			Around production greenhouse			No
7/5/2005	Brian Boot	22	SW1/4 SW1/4	03 - 4			Yes
7/6/2005	Brian Boot	15	S1/2 SE1/4	Harmison			Yes
7/28/2005	Kelsey Bruns			102nd Ave roadside			Yes
9/3/2005	Richard Hager			Oak Savanna Reconstruction			No
3/20/2006	Nick Allen			Tallgrass trail			No
3/24/2006	Nick Allen			Tallgrass trail			No
4/22/2006	Jeff Krueger			PLC along road to NE			No
4/28/2006	Jeff Krueger			Maintenance			No
5/26/2006	Jeff Krueger and R Mills			Old Game Farm			No
6/3/2006	Kelsey Bruns			Entry road			Yes
6/4/2006	Kelsey Bruns			Entry road			Yes
6/5/2006	Kelsey Bruns			Tallgrass, Overlook and Oak Savanna			Yes
8/7/2006	Jeff Krueger and Nick Allen			Ant Mound, Coneflower and Old Game Farm			Yes
8/8/2006	Jeff Krueger and Nick Allen			Ant Mound, Coneflower and Old Game Farm			Yes
8/15/2006	Kelsey Bruns			Maintenance			Yes
8/21/2006	Jeff Krueger			Coneflower			Yes
12/28/2006	Kelsey Bruns			Bobolink			No

Transline	12 oz	0.5 gal		Water	10 gal	50 gal	
Transline							
Transline	12 oz	1 gal		Water	10 gal	100 gal	
Ultra Roundup	1 pt	1 qt		Water	15 gal	20 gal	15 gal
Roundup	40 oz	4.7 gal		Water	10 gal	150 gal	
Roundup	16 oz	16 oz		Water	10 gal	10 gal	
				Water			
Garlon 4		1.6 gal		Diesel	4.5 gal	2 gal/batch	
Garlon 4				Diesel	4.5 gal		
Garlon 4		180 oz		Diesel		2.5 gal	
Garlon 4		90 oz	45 oz	Diesel		2.75 gal	
2,4-d	32 oz			Water	10 gal		
Unknown							
Roundup	12 oz						
Roundup Ultra & 2,4-d				Water	10 gal		
2,4-d	32 oz			Water	10 gal		
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 64 oz			Water			
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 24 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 16 oz			Water	10 gal		
Transline	12 oz			Water	10 gal		
Transline	12 oz			Water	10 gal		
Garlon 4		1.6 gal		Diesel	4.5 gal	2 gal/batch	
Garlon 4				Diesel	4.5 gal		
Garlon 4		180 oz		Diesel		2.5 gal	
Garlon 4		90 oz	45 oz	Diesel		2.75 gal	
2,4-d	32 oz			Water	10 gal		
Unknown							
Roundup	12 oz						
Roundup Ultra & 2,4-d				Water	10 gal		
2,4-d	32 oz			Water	10 gal		
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 64 oz			Water			
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	32 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 12 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 24 oz			Water	10 gal		
2,4-d + Roundup	16 oz, 16 oz			Water	10 gal		
Transline	12 oz			Water	10 gal		
Transline	12 oz			Water	10 gal		
2,4-d + Roundup				Water			
Roundup				Water			
2,4-d				Water			
Roundup				Water			
Roundup	Premix						
2,4-d + Roundup Ultra Max				Water			
Roundup Ultra Max 5%		1500 ml	750 ml	Water		4 gal	
Roundup				Water			
Roundup				Water			
Glyphosate		1313 ml	750 ml	Water		4 gal	
Roundup Ultra Max			750 ml	Water		4 gal	
Glyphosate		940 ml	750 ml	Water		4 gal	
Roundup				Water			
Roundup				Water			
Pathway				Water			
Pathway				Water			
Pathway				Water			
Pathway				Water			
Roundup				Water			
Transline + Crop Oil	12 oz, 6 oz	72 oz	72 oz	Water			
Transline				Corn Oil			
Roundup Ultra Max		153.6 oz	153.6 oz	Water	6 gal	6 gal	
2,4-d + Roundup				Water			
Glyphosate		31 gal	10, 24 oz	Water		4 gal	
Roundup Ultra Max 2%		31 oz	2.6 oz	Water		4 gal	
Roundup Ultra Max 2%		61 oz	384 oz	Water		4 gal	
Roundup Ultra Max 2%		61 oz	384 oz	Water		4 gal	
Roundup Ultra Max 2%		61 oz	384 oz	Water		4 gal	
Roundup Ultra Max 2%		1.3 oz	1.3 oz	Water	4 gal	4 gal	
Roundup Ultra Max		2.6 oz	1.3 oz	Water		4 gal	
Roundup Ultra Max 3%		61 oz	384 oz	Water		4 gal	
Roundup Ultra Max 3%		61 oz	384 oz	Water		4 gal	
Roundup Ultra Max 3%		61 oz	384 oz	Water		4 gal	
Roundup Ultra Max	1 - 2%			Water		35 gal	
Roundup				Water			
Roundup Ultra Max		450 ml	150 ml	Water		Approx 4	
Roundup Ultra Max		450 ml	150 ml	Water		Approx 4	
Transline				Water			
Roundup				Water			
2,4-d + Roundup	20 oz, 26 oz	156 oz, 120 oz		Water	10 gal	60 gal	
Roundup Ultra Max	2%						8 gal mixed

Roundup				Water			
Glyphosate		600 ml	300 ml	Water		4 gal	
Roundup Ultra Max		3600 ml conc	1200 ml conc	Water		4 gal	
Roundup Ultra Max	2%			Water			
Roundup Ultra Max	2%			Water			
Glyphosate		450 ml	300 ml	Water	6 gal	4 gal	
Glyphosate		450 ML	300 ML	Water		4 gal	
2,4-d	32 oz	1760 oz		Water	10 gal	550 gal	
Roundup Ultra Max	2%	900 ml	300 ml	Water		12 gal	4 gal
Poast				Water & Corn Oil			
Roundup				Water			
Roundup Ultra Max	2%	9 oz		Water		895 oz	7 gal mixed
Roundup Ultra Max	2%	2.56 oz	300 ml	Water		125.44 oz	
Garlon	2.5 oz	1 pt	1 pt	Corn oil	13.5 oz		
Garlon		21 oz	5/6 gal	Water & Diesel	5/6 gal, 101 oz		
Garlon		2.5 oz		Water	13.5 oz		
Roundup Ultra Max		41 oz	41 oz	Water	4 gal	4 gal	
Garlon 4	10 oz	10 oz		Corn Oil	50 oz	50 oz	
Garlon		10 oz	10 oz	Corn Oil		50 ml	
Garlon 4	5 oz			Corn Oil	25 oz	25 oz	
Garlon 4	10 oz	10 oz		Corn Oil	50 oz	50 oz	
2,4-d & Clarity				Water			
Garlon 4	20 oz	10 oz		Corn Oil		50 oz	
Roundup Ultra Max	32 oz	32 oz		Water	480 oz	480 oz	
Garlon 4	20 oz			Water			
Garlon 4		10 oz	10 oz	Hasten		50 oz	
Garlon 4		1 oz	10 oz	Hasten		50 oz	
Garlon 4		1 oz	10 oz	Hasten		50 oz	
Garlon 4		6 oz	6 oz	Water		33 oz	
Garlon 4		40 oz	64 oz	Water		320 oz	
Roundup		82 oz	41 oz	Water		471 oz	
Garlon 4		10 oz		Soy oil		50 oz	
Garlon 4		10 oz	10 oz	Soy oil		50 oz	
Roundup Ultra Max	48 oz	144 oz	144 oz	Water	10 gal	30 gal	30 gal
Roundup Ultra Max	48 oz	288 oz	144 oz	Water	10 gal	60 gal	
Roundup Ultra Max	48 oz	144 oz	144 oz	Water	10 gal	30 gal	30 gal
Garlon 4		160 ml	160 ml	Water & Soy Oil		77 ml	
Glyphosate		102.4 oz	750 ml	Water		4 gal	
Roundup				Water			
Roundup				Water			
Roundup				Water			
Roundup				Water			
Roundup				Water			
Roundup				Water			
Garlon 4				Hasten			
Garlon 4	3:01	34		Corn oil			
Garlon 3A	Stralght	34		None			
Pathway	Stralght	17		None			
Garlon 3A	Stralght	8		None			
Garlon 3A	Stralght	5		None			
Garlon 3A	Stralght	310		None			
Estron 99, 2 4-D		46		water			
Garlon 3A	Stralght	270		None			
Garlon 3A	Stralght	338		None			
Garlon 3A	Stralght	372		None			
Roundup U/M	2%	3		water			
Roundup U/M	2%	6		water			
Roundup U/M	2 qts/acre	256		water			
Garlon 3A	Stralght	101		None			
Roundup	3%	11		water			
Roundup	2%	21		water			
Roundup	2%	203		water			

Rodeo	2 qts/acre	190		water			
Garlon 3A	10%			water			
Roundup	2 qts/acre	832		water			
Roundup U/M	2 qts/acre	96		water			
Roundup, 2-4D	3%	32		water			
Roundup, 2-4D	3%	32		water			
Roundup	2%	24		water			
Transline/HI-per oil	12 oz/acre	1600		water			
Garlon 4	Straight	128		None			
Garlon 3A	Straight	310		None			
Transline/HI-per oil	1%	12		water			
Transline/HI-per oil	1%	12		water			
Acetic acid	20%	4.8		water			
Acetic acid	10%	4.8		water			
Roundup U/M	5%	23		water			
Garlon 3A		11					
Transline/Hy-per oil	1%	12		water			
Transline/Hy-per oil	1%	12		water			
Garlon 3A	3%	10		water			
Transline/Hyperoll	2%	16		water			
Transline/Hyperoll	2%	16		water			
Roundup U/M	5%	108		water			
Garlon 3A	Stralght	310		None			
Garlon 3A		33.8		water			
Roundup	in 12 gal water	17		Water			
Roundup		17		water			
Garlon 3A	Stralght	384		None			
Roundup U/M	8%	125		water			
Roundup	3%	36		water			
Roundup U/M	5%	30		water			
Poast	2%	24		water			
Roundup	2%	36		water			
Roundup	3%	36		water			
Rodeo		54					
Roundup U/M	7%	120		water			
Roundup U/M	7%	250		water			
Roundup U/M	6%	20		water			
Roundup U/M	5%	32		water			
Roundup U/M	5%	160		water			
Roundup U/M	5%	40		water			
Garlon 3A	Straight	200		None			
Garlon 3A	Straight	40		None			
Garlon 3A	Straight	56		None			
Rodeo	Straight	70		None			
Garlon 3A	Straight	200		None			
Rodeo	Straight	70		None			
Garlon 3A	Straight	200		None			
Garlon 3A	Straight	128		None			
Garlon 3A		50 oz	50 oz				
Rodeo		70 oz	70 oz				
Garlon 3A	Straight	550		None			
Garlon 3A		7 liter	7 liter				
Garlon 3A		1/2 liter	1/2 liter				
Rodeo		2.5 gal	2.5 gal				
Rodeo		2.5 gal	2.5 gal				
Rodeo		1 gal	1 gal				
Garlon 3A		2.5 gal	2.5 gal				
Garlon 3A		1.0 gal	1.0 gal				
Garlon 3A		2.0 gal	2.0 gal				
Garlon 3A		1.75 gal	1.75 gal				
Garlon 3A		0.75 gal	0.75 gal				
Garlon 3A		1.5 gal	1.5 gal				
Garlon 3A		8.0 gal	8.0 gal				
Garlon 3A		1.0 gal	1.0 gal				
Rodeo		2.5 gal	2.5 gal				
Roundup Ultra Max 3%	36oz	428 oz	428 oz	Water	10 gal	130 gal	
Rodeo		0.5 gal	0.5 gal				
Rodeo		0.5 gal	0.5 gal				
Rodeo		1.0 gal	1.0 gal				
Transline		9 oz	9 oz	Water		15 gal	
Transline	12oz	12 oz	12 oz	Water	10 gal	10 gal	

Crop Oil	12oz	12 oz	12 oz				
Rodeo		0.25 gal	0.25 gal				
Transline	12oz	12 oz	12 oz	Water	10 gal	10 gal	
Crop Oil	12oz	12 oz	12 oz				
Transline	12oz		42 oz	Water	10 gal	35 gal	
Crop Oil	12oz		42 oz				
Transline	12oz	12 oz	12 oz	Water	10 gal	10 gal	
Crop Oil	12oz	12 oz	12 oz				
Rodeo		0.5 gal	0.5 gal				
Transline	12oz	144 oz	144 oz	Water	10 gal	120 gal	
Crop Oil	12oz	144 oz	144 oz				
Roundup	16oz	182 oz	182 oz	Water	10 gal	120 gal	
Garlon		0.5 gal	0.5 gal				
Garlon		0.5 gal	0.5 gal				
Transline	12oz	86.4 oz	86.4 oz	Water	7.2 gal	72 gal	
Crop Oil	12oz	86.4 oz	86.4 oz				
Transline	12oz	28.8 oz	28.8 oz	Water	10 gal	24 gal	
Crop Oil	12oz	28.8 oz	28.8 oz				
Rodeo		1.5 gal	1.5 gal				
Garlon		0.5 gal	0.5 gal				
Transline	12oz	120 oz	120 oz	Water	10 gal	100 gal	
Crop Oil	12oz	120 oz	120 oz				
Transline	12oz	24 oz	24 oz	Water	10 gal	20 gal	
Crop Oil	12oz	24 oz	24 oz				
Rodeo	8oz	0.25 gal	0.25 gal				
Transline	12oz	122 oz	122 oz	Water	10 gal	110 gal	
Crop Oil	12oz	122 oz	122 oz				
Garlon 3A	1.5oz	128 oz	128 oz	Water	1 gal	1 gal	
Transline		2 oz	2 oz	Water	10 gal	10 gal	
Garlon 3A		64 oz	64 oz	Water		64 oz	
Surflan		2 qt	2 qt	Water	20 gal	20 gal	
Poast	2oz	2 oz	2 oz				
Garlon 3A	3gal	3 gal	3 gal				
Garlon 3A	1gal	1 gal	1 gal				
Garlon 3A	1.5gal	1.5 gal	1.5 gal				
Roundup	29oz						
Roundup	44oz	1056 oz		Water	10 gal	250 gal	
Rodeo	5%	30 oz		Water	5 gal	5 gal	
Garlon							
Garlon							
Garlon 3A		64 oz					
Garlon 3							
Roundup 3%		165 oz					
Transline		2%					
Roundup Ultra Max 3%		80 oz				25 gal	
Roundup		2%					
Roundup		2%					
Roundup		2%					
Garlon 3A		32 oz					
Garlon 3							
Rodeo		32 oz					
Rodeo							
Rodeo							
Rodeo		16 oz					
Rodeo		16 oz					
Rodeo							
Rodeo		2%					
Rodeo	5%	30 oz		Water	5 gal	5 gal	
Garlon							
Transline		12 oz					
Garlon 3A		64 oz					
Garlon							
Garlon							
Garlon 3A		32 oz					
Garlon							
Garlon 3A		1/4 gal					
Garlon 3A	1/2 gal						

Rodeo							
Garlon 3A		32 oz					
Garlon 3A							
Garlon 3A		64 oz					
Zerotrol		3 oz		Water		1 gal	1 gal
Garlon 3A	0.1	8 oz	8 oz				
Garlon 3		3 qt					
Garlon 3A		2 gal	2 gal				
Garlon 4		1 gal	1 gal				
Roundup	40oz	280 oz	280 oz	Water	10 gal	70 gal	
Roundup							
Roundup	2oz/2L	4 L	4 oz/4 L	Water	4 gal		
Transline	12oz	240 oz	240 oz	Water	10 gal	200 gal	
Honcho Plus	32oz			Water	10 gal	400 gal	
Honcho 2%							
Roundup		144 oz		Water		75 gal	
Surflan		60 oz					
Surflan							
Garlon 4		1 gal					
Honcho	11oz	3gal		Water		3 gal	3 gal 11oz
Honcho	24oz	7 gal					
Honcho							
Honcho							
Honcho							
Garlon 4		7 gal		Crop Oil & Water Mixes			
Garlon 4							
Honcho		2% mix					
Honcho		27 oz to 5 gal of mix					
Garlon 4							

30	S	5 - 10	80 - 85	
30	S	5 - 10	80 - 85	
30	SW	5 - 10	75 - 80	Planted in 1994. Heavy vegetation.
	SE	5 - 10	78	Maintenance yard. Weeds were mostly matured. First spraying of '97.
	E	7 - 10	72	This site had been mown in June - Regrowth was sprayed as a preplant burndown - very dense vegetation.
70	N	5 - 15	70 - 75	Cattleguards - overgrown around edges and inside grates.
70	N	5 - 15	70 - 75	Amphitheater - a mess of weeds.
20 - 40	NE	5 - 10	65	Savanna newly cleared brush - lots of vines.
20 - 40	NE	5 - 10	65	Buzzard Head - many areas not treated - lots of regrowth.
20 - 40	Rotating	0 - 10	55 - 58	Regrowth of stumps not treated. Cut in spring & summer of '97.
20 - 40	NNE	5 - 10	65	
20	S	5 - 8	70	
25	W	4.7	64	
	E	5 - 10	70 - 75	
25	SSE	5 - 9	72	
25	SSE	5 - 10	70	
25	SW	8	68	
	WSW	5 - 10	67 - 73	
25	NW	4 - 7	70	
25	SE	8 - 12	65	
25	S	5 - 10	74	
26	S	5 - 10	62	
25	S	5 - 10	74	
25	N	5 - 7	78	
25	N	5 - 7	78	
20 - 40	NE	5 - 10	65	Savanna newly cleared brush - lots of vines.
20 - 40	NE	5 - 10	65	Buzzard Head - many areas not treated - lots of regrowth.
20 - 40	Rotating	0 - 10	55 - 58	Regrowth of stumps not treated. Cut in spring & summer of '97.
20 - 40	NNE	5 - 10	65	
20	S	5 - 8	70	
25	W	4.7	64	
	E	5 - 10	70 - 75	
25	SSE	5 - 9	72	
25	SSE	5 - 10	70	
25	SW	8	68	
	WSW	5 - 10	67 - 73	
25	NW	4 - 7	70	
25	SE	8 - 12	65	
25	S	5 - 10	74	
26	S	5 - 10	62	
25	S	5 - 10	74	
25	N	5 - 7	78	
25	N	5 - 7	78	
	NNW	0 - 5	78	
	SE	8 - 10	75	
	SE	5 - 10	85	
	SE	0 - 5	85	
	NW	6	75	
	NE	0 - 5	77	
	W	5	85	
	S	10	80	
	S	10	80	
	NW	15.9	70	
	NW	15.5	75	
	NW	15.5	75	
	S	10	75	
	S	10	75	
	SE	10	75	
	SE	10	75	
	SE	10	75	
	SE	10	75	
	W	5	75	
	N	4 - 6	72	
	NE	11	68	
	SW	11	78	
	SW	11	86	
	S	4.9	85	
	S	4.9	85	
	S	4.9	85	
		Calm	85	
	S	8	84	
	S	10	82	
			80	
	S	11.2	60.4	
	S	11.2	60.4	
	W	5	90	
	W	10	90	
20	N	0	87	
	NE	7	90	

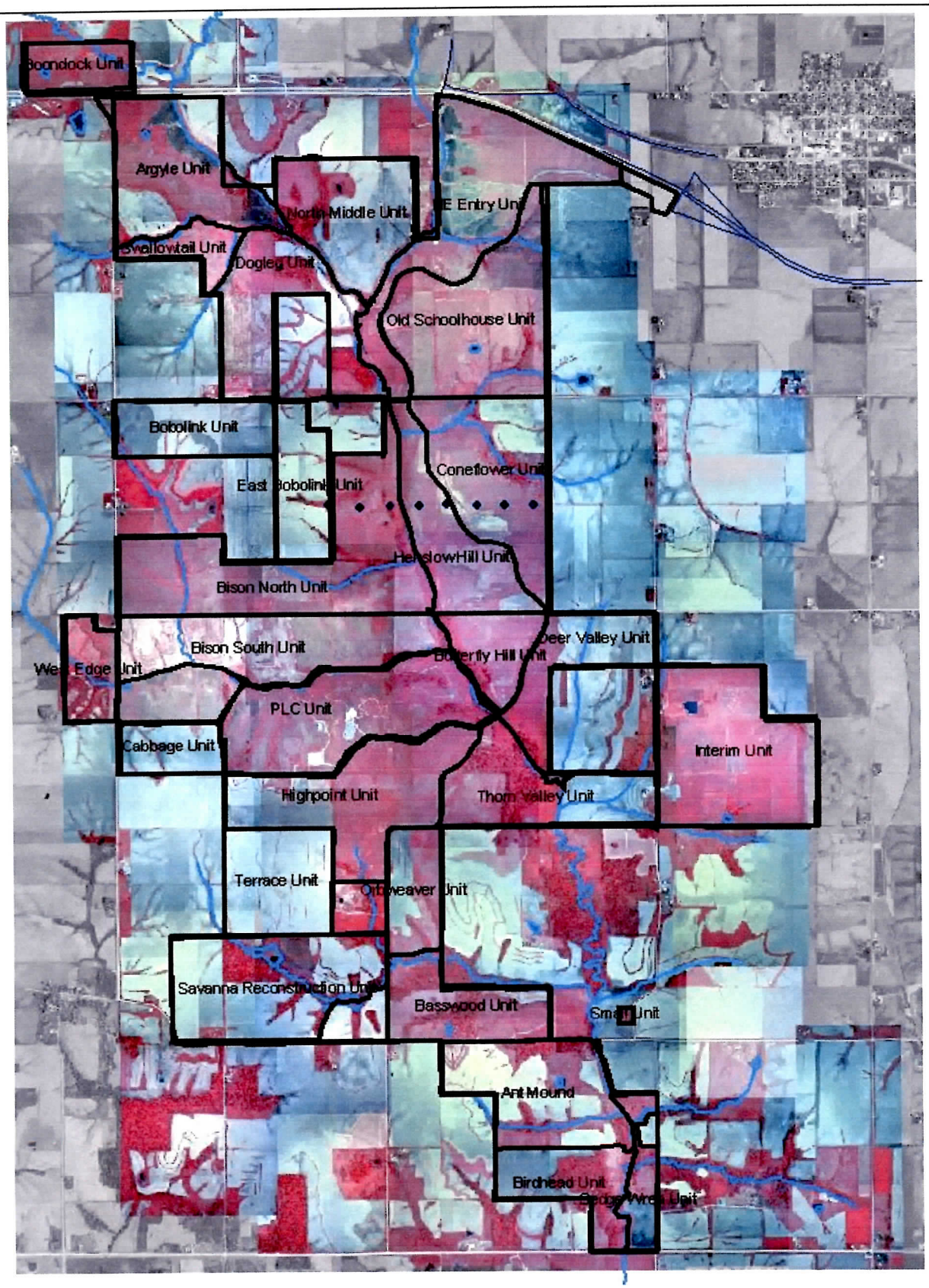
	N	10	90	
	NE	7	90	
	NE	8.8	88.7	
	SE	11.2	78.6	
	SE	11.2	78.6	
	SE	5 - 11	79	
	SE	5 - 11	79	
20	SE	5	75	
	SE	10	86	
	E	17	74	
	S	5	95	
	E	10	72	
	E	10	72	
	W	4	78	
	W	3.5	75	
	W	4	77	
	SE	2	75	
	NE	0 - 5	75	
	N	5	75	
	SE	10	82	
	N	5 - 10	70	
	N	0 - 5	76	
	S	5	78	
	S	10	78	
	W	0 - 5	78	
	NE	5	70	
	WSW	10	75	
	SW	10 +	72	
	NW	10	71	
	NW	10 - 16	55	
	NW	10	55	
	W	5 - 10	70	
	S	15	65	
	SW	10 +	40	
	SSW	2	55	
	SSW	2	55	
	S	2	55	
	SW	10	86	
			90	
	Variable	0 - 10	65 - 75	
	S	15	60	
	S	15	60	
	N	10	38	
	W	5 - 10	32	
	NW	10 +	40	
	SW	10 - 15	50	
	SE	10	57	
	N	10 - 15	55	
	W	10 - 15	55	
	S	8	70	
	WSW	8 - 10	81	
	SSE	10 +	71	
	W	5	70	
	NW	5 - 10	60	
	W	5	60	

	N	5	90	
	S	10	90	
	W	10	65	
	NNE	0 - 5	72	
	SE	0 - 5	75	
		0 - 5	75	
	SE	0 - 5	78	
	S	5 - 10	80	
	S	5	80	
	S	5	80	
	S	5 - 10	76	
	S	5 - 10	76	
	SW	2	85	
	SW	2	85	
	SW	2	85	
	S	10	82	
	S	10	82	
	NA	0	88	
	S	5	80	
	S	5 - 8	80	
	S	5 - 10	90 +	
	S	0 - 5	90 +	
			85	
			85	
			85	
			80	
	N	5	80	
	NNE	0 - 5	78	
	WSW	5 +	82	
	E	0 - 5	78	
	E	0 - 5	78	
	S	1	75	
	SE	10	85	
	S	5 - 10	80	
	S	5	88	
	W	2 - 5	85	
	W	5	70 - 80	
		5	75	
	SE	5 - 10	65	
	S	5	65	
	WNW	5 - 10	60	
	N	0 - 5	60	
	N	0 - 5	60	
	N	5	55	
	N	5	55	
	N	5	55	
	N	5	55	Savanna remnant, prairie reconstruction
	N	0 - 5	55	Between Brome fields, wet draw
	WSW	5	40 - 45	
	SW	5 - 10	65	
	SW	9	51	
	W	0 - 2	22	Brome
	W	0 - 2	43	Brome
	W	0 - 2	32	Brome
	W	0 - 4	60	
	NW - NE	0 - 4	72	
	E	14	63	
	NNW	18	54	
	SSE	9	62	
	S	8	66	
	NNW	5 - 10	80	
	NNW	25	77	
	NE	0 - 5	65	
	ENE	6.70	58	
	NNW	6 - 12	68	
	W	14 - 17	70	
	N	0 - 5	70	
	S	0 - 10	70	

	SW	10.3	71	
	N	0 - 5	75	
	N	0 - 5	75	Road ditch 96 site 94 north site 01, 02 - south ditch 60ft wide soot.
	N	0 - 5	75	
	E	6.6	68.9	
	N	0 - 5	75	
	N	0 - 5	75	Dead
	E	3.1	83	
	SE	5 - 6	81.9	
	N	0.5	72	
	N	0 - 5	74	
	SE - W	5	75	
	S	17.8	88	
	SE	0 - 5	72	
	SE	0 - 5	72	
	SE	7.4	79.5	
	S	5 - 8	80	
	NE	7.1	75.7	Wooded site with understory growth
	NE	0 - 5	75	
	NE	0 - 5	80	
8 lbs	WNW	< 7	60	
8 lbs	WNW	< 7	60	
	ENE	10	37	
	ESE	12	47	
	SE	16	48	
Variable	S	5 - 10	60	
	W	< 5	84	Dry - Rocky
			85	Dry/Wet mix
		5 - 10	85	Relative humidity high
			85	Dry/Wet mix
			85	Wet
			85	Wet
			85	Wet
		Calm	80	Rocky berms surrounding wetlands
			78	Dry
			72	Dry
	NW	8	67	Dry
	NW	5 - 10	56	

			45	Upland/Dry
			45	Upland/Dry
	SSW	5	50	
			44	
			40	
			40	
	NNE	8 - 10	64	
	S	10	85	
	NW	7	78	
	NW	0 - 5	80	
8	S	< 6		Very dry
		15	34	
		Light	65	
		> 10	70	
	N - E	5 - 10	86	

Neal Smith NWR Research Units



0 0.15 0.3 0.6 0.9 1.2
Miles

NEAL SMITH NWR BURN UNITS

BURN UNIT NAME	ELEVATION		ACRES	LATITUDE	LONGITUDE
	HIGH	LOW			
ANT MOUND	847	794	221.30	N41:32:219	W93:16:202
ARGYLE	932	880	244.80	N41:35:871	W93:18:074
BASSWOOD	920	880	146.00	N41:32:229	W93:16:641
BIRDHEAD	840	755	124.30	N41:31:360	W93:15:475
BISON NORTH	928	840	391.50	N41:33:974	W93:17:234
BISON SOUTH	901	854	256.20	N41:33:962	W93:18:080
BOBOLINK	929	891	121.60	N41:34:825	W93:17:963
BOONDOCK	910	850	71.60	N41:36:232	W93:18:567
BUTTERFLY HILL	870	791	91.40	N41:33:952	W93:16:049
CABBAGE	927	870	0.00	N41:33:305	W93:18:077
CONE FLOWER	956	863	242.10	N41:34:381	W93:15:904
DEER VALLEY	900	814	134.10	N41:33:791	W93:15:190
DOGLEG	919	819	217.40	N41:34:825	W93:17:514
EAST BOBOLINK	906	866	113.00	N41:34:49.4	W93:17:12.9
HENSLOW HILL	890	820	166.60	N41:33:960	W93:15:824
HIGH POINT	933	813	268.00	N41:33:310	W93:16:916
INTERIM	871	825	318.30	N41:33:246	W93:15:187
NE ENTRY	919	827	303.10	N41:35:440	W93:16:056
NORTH MIDDLE	830	920	202.70	N41:35:457	W93:16:358
OLD SCHOOLHOUSE	926	820	300.40	N41:34:852	W93:16:517
ORBWEAVER	862	845	94.70	N41:33:089	W93:16:408
PRAIRIE LEARNING CENTER	930	805	375.70	N41:33:517	W93:16:849
SAVANNA RECONSTRUCTION	886	852	321.60	N41:32:241	W93:17:785
SEDGE WREN	852	778	58.10	N41:31:358	W93:15:184
SMALL	794	817	3.10	N41:32:312	W93:15:326
SWALLOWTAIL	876	853	55.80	N41:35:404	W93:18:091
TERRACE	940	845	0.00	N41:33:05.3	W93:16:95.5
THORN VALLEY	892	819	192.40	N41:33:438	W93:16:116
WEST EDGE	901	854	73.30	N41:33:545	W93:18:118
		TOTAL	**5109.10**		