

Biological Control of Weeds-Release Sites

LEAFY SPURGE

Flea Beetles-Aphthona cyparissiae-1988,1994

Aphthona flava-1988

Aphthona nigriscutis-1989,1992,1993

Aphthona lacertosa-1995-2005

Aphthona czwalinae-1995-2005

Stemborer

Obera erythrocephala-1988,2001-2005

Gall Midge

Spurgia esulae-1990

CANADA THISTLE

Stem Weevil-Ceutorhynchus litura 1995,1999

Seedhead Weevil-Larinus planus 1995,1996

Defoliating Beetle-Cassida rubiginosa 1999

Stem Gall Fly-Urophora cardui 1999

Year	WPA	County	Trade Name	Number	Target	Monitered
2005	Iszler	Lo	Flea Beetle	20,000	LESP	
2005	Klettke	Di	Flea Beetle	120,000	LESP	
2005	Herman	Di	Flea Beetle	25,000	LESP	
2005	Dalke	Mc	Flea Beetle	25,000	LESP	Sprayed July 05
2005	Olson	La	Flea Beetle	120,000	LESP	
2005	Pilgrims Rest	La	Flea Beetle	50,000	LESP	
2004	Lazy M	Di	Flea Beetle	220,000	LESP	
2004	Carlson	La	Flea Beetle	60,000	LESP	clean 2005
2004	Kannowski	La	Flea Beetle	90,000	LESP	2005
2004	Baltzer	Lo	Flea Beetle	100,000	LESP	2005 collection site
2004	Knect	Lo	Flea Beetle	75,000	LESP	2005
2004	Mayer	Lo	Flea Beetle	200,000	LESP	05

2004	Sarkinen	Lo	Flea Beetle	20,000	LESP	05
2004	Bovey	Mc	Flea Beetle	25,000	LESP	05
2004	West DeWald	Mc	Flea Beetle	20,000	LESP	
2003	Erlenbusch	Di	Flea Beetle	40,000	LESP	03
2003	Ernst	Di	Flea Beetle	80,000	LESP	
2003	Haaman	Di	Flea Beetle	30,000	LESP	
2003	Herman	Di	Flea Beetle	200,000	LESP	03,05
2003	Klettke	Di	Flea Beetle	80,000	LESP	05
2003	Redlin	Di	Flea Beetle	40,000	LESP	02,03,04,05
2003	Scaup	Di	Flea Beetle	40,000	LESP	04
2003	Patzer	La	Flea Beetle	40,000	LESP	02,03,04
2003	Kauk	Lo	Flea Beetle	120,000	LESP	03
2003	Dalke	Mc	Flea Beetle	80,000	LESP	98,03,04
2003	Weisz	Mc	Flea Beetle	40,000	LESP	
2002	Laney	La	Flea Beetle & Obara	120,000	LESP	03,04
2002	Schmidt	La	Flea Beetle	120,000	LESP	03,04
2002	Baltzer	Lo	Flea Beetle	120,000	LESP	03,04
2002	Knect	Lo	Flea Beetle	200,000	LESP	98,04
2002	Dalke	Mc	Flea Beetle	175,000	LESP	98,03,04
2001	Baltzer	Lo	Flea Beetle	40,000	LESP	03,99
2001	Mayer	Lo	Flea Beetle & Obara	80,000	LESP	02,03,04
1999	Enger	Di	Defoliating Beetle	525	CATH	04
1999	Enger	Di	Stem Mining Beetle	210	CATH	04
1999	Enger	Di	Stem Gall Fly	210	CATH	04
1999	Erlenbush	Di	Flea Beetle	25,000	LESP	03
1999	Hille	Di	Flea Beetle	25,000	LESP	sprayed
1999	Lazy M	Di	Flea Beetle	90,000	LESP	04

1999	Lee	Di	Defoliating Beetle	525	CATH	
1999	Lee	Di	Stem Mining Weevil	210	CATH	
1999	Lee	Di	Stem Gall Fly	210	CATH	
1999	LSB	Di	Flea Beetle	120,000	LESP	04
1999	Maple River	Di	Defoliating Beetle	525	CATH	03,04
1999	Maple River	Di	Stem Mining Weevil	210	CATH	03,04
1999	Maple River	Di	Stem Gall Fly	210	CATH	03,04
1999	Redlin	Di	Flea Beetle	175,000	LESP	02,03,04
1999	Reinke	Di	Flea Beetle	40,000	LESP	
1999	Rutschke	Di	Flea Beetle	110,000	LESP	
1999	Hickey	La	Defoliating Beetle	525	CATH	01 Farmed
1999	Hickey	La	Stem Mining Weevil	210	CATH	01 Farmed
1999	Hickey	La	Stem Gall Fly	210	CATH	01 Farmed
1999	Lahlum	La	Flea Beetle	30,000	LESP	
1999	Laney	La	Defoliating Beetle	525	CATH	
1999	Laney	La	Stem Mining Weevil	210	CATH	
1999	Laney	La	Stem Gall Fly	210	CATH	
1999	Nelson	La	Flea Beetle	30,000	LESP	
1999	Nelson	La	Defoliating Beetle	525	CATH	
1999	Nelson	La	Stem Mining Weevil	210	CATH	
1999	Nelson	La	Stem Gall Fly	210	CATH	
1999	Patzer	La	Defoliating Beetle	525	CATH	02,04
1999	Patzer	La	Stem Mining Weevil	210	CATH	02,04
1999	Patzer	La	Stem Gall Fly	210	CATH	02,04
1999	Pilgrims Rest	La	Defoliating Beetle	525	CATH	
1999	Pilgrims Rest	La	Stem Mining Weevil	210	CATH	
1999	Pilgrims Rest	La	Stem Gall Fly	210	CATH	

1999	Wetzel	La	Defoliating Beetle	525	CATH	01,03
1999	Wetzel	La	Stem Mining Weevil	210	CATH	01,03
1999	Wetzel	La	Stem Gall Fly	210	CATH	01,03
1999	Baltzer	Lo	Flea Beetle	25,000	LESP	99,03
1999	Kautz	Lo	Flea Beetle	25,000	LESP	
1999	Mayer	Lo	Flea Beetle	210,000	LESP	02,03
1999	Sarkinen	Lo	Flea Beetle	30,000	LESP	04
1999	Schweigert	Lo	Flea Beetle	30,000	LESP	
1999	West DeWald	Mc	Flea Beetle	80,000	LESP	
1999	Koepplien	Mc	Defoliating Beetle	525	CATH	02,03
1999	Koepplien	Mc	Stem Mining Weevil	210	CATH	02,03
1999	Koepplien	Mc	Stem Gall Fly	210	CATH	02,03
1999	Marzlof	Mc	Defoliating Beetle	525	CATH	00,04
1999	Marzlof	Mc	Stem Mining Weevil	210	CATH	00,04
1999	Marzlof	Mc	Stem Gall Fly	210	CATH	00,04
1999	Werth	Mc	Defoliating Beetle	525	CATH	sprayed
1999	Werth	Mc	Stem Mining Weevil	210	CATH	sprayed
1999	Werth	Mc	Stem Gall Fly	210	CATH	sprayed
1998	Brummond	Di	Flea Beetle	100,000	LESP	02,03
1998	Ernst	Di	Flea Beetle	50,000	LESP	03
1998	Heine	Di	Flea Beetle	70,000	LESP	02,98
1998	Herman	Di	Flea Beetle	100,000	LESP	03
1998	Klettke	Di	Flea Beetle	250,000	LESP	98
1998	Retzlaff	Di	Flea Beetle	60,000	LESP	02,03
1998	Scaup	Di	Flea Beetle	50,000	LESP	98,02,03
1998	Cornell	La	Flea Beetle	150,000	LESP	99,04
1998	Domine	La	Flea Beetle	40,000	LESP	99,04

1998	Gackle	La	Flea Beetle	10,000	LESP	98
1998	Leichty	La	Flea Beetle	50,000	LESP	98
1998	Lundgren	La	Flea Beetle	90,000	LESP	98
1998	Olson	La	Flea Beetle	50,000	LESP	sprayed
1998	Patzer	La	Flea Beetle	50,000	LESP	99,02
1998	Schmidt	La	Flea Beetle	150,000	LESP	99,03
1998	Wendt	La	Flea Beetle	50,000	LESP	99
1998	Baltzer	Lo	Flea Beetle	50,000	LESP	99
1998	Knecht	Lo	Flea Beetle	50,000	LESP	98
1998	Krueger	Lo	Flea Beetle	25,000	LESP	99
1998	Mundt Lake	Lo	Flea Beetle	25,000	LESP	98
1998	Sukut	Lo	Flea Beetle	50,000	LESP	98
1998	Bovey	Mc	Flea Beetle	50,000	LESP	98
1998	Jenner	Mc	Flea Beetle	50,000	LESP	sprayed
1997	Young	Di	Flea Beetle	80,000	LESP	98
1997	Domine	La	Flea Beetle	100,000	LESP	99
1997	Strahm	La	Flea Beetle	40,000	LESP	99
1997	Wetzel	La	Flea Beetle	80,000	LESP	99
1997	Kauk	Lo	Flea Beetle	40,000	LESP	98,03
1997	Sperling	Lo	Flea Beetle	40,000	LESP	sprayed
1997	BLM	Mc	Flea Beetle	80,000	LESP	98
1997	Wolf	Mc	Flea Beetle	80,000	LESP	sprayed
1996	Maple River	Di	Flea Beetle	25,000	LESP	98,99,03
1996	Hickey	La	Seedhead Weevil	200	CATH	01
1996	Baltzer	Lo	Flea Beetle	25,000	LESP	99,03
1996	Mayer	Lo	Flea Beetle	210,000	LESP	99,02,03
1996	Dalke	Mc	Flea Beetle	30,000	LESP	98,03

1995	Lee	Di	Flea Beetle	400,000	LESP	98
1995	Carlson	La	Flea Beetle	90,000	LESP	99,03
1995	Haberman	La	Flea Beetle	210,000	LESP	99
1995	Hickey	La	Stem Weevil	200	CATH	01
1995	Hickey	La	Seedhead Weevil	100	CATH	01
1995	Kannowski	La	Flea Beetle	150,000	LESP	98
1995	Knutson	La	Flea Beetle	450,000	LESP	all years
1995	Laney	La	Flea Beetle	30,000	LESP	02,03
1995	Linnard	La	Flea Beetle	60,000	LESP	99, 05 dug up 2005
1995	Patzer	La	Stem Weevil	100	CATH	02
1995	Patzer	La	Seedhead Weevil	100	CATH	02
1995	Strahm	La	Flea Beetle	80,000	LESP	99
1995	Werth	Mc	Stem Weevil	200	CATH	sprayed
1995	Werth	Mc	Seedhead Weevil	100	CATH	sprayed
1994	Haberman	La	Flea Beetle	600	LESP	99
1994	Knutson	La	Flea Beetle	800	LESP	all years
1993	Meyer	Lo	Flea Beetle	1000	LESP	All years
1992	Kannowski	La	Flea Beetle	250	LESP	98
1992	Laney	La	Flea Beetle	250	LESP	02,03
1992	Linnard	La	Flea Beetle	500	LESP	99
1991	Mayer	Lo	Flea Beetle	500	LESP	All years
1990	Knutson	La	Gall Midge	200	LESP	all years
1989	Knutson	La	Flea Beetle	415	LESP	all years
1988	Knutson	La	Flea Beetle	373	LESP	all years
1988	Knutson	La	Flea Beetle	250	LESP	all years
1988	Knutson	La	Stem Borer	55	LESP	all years