

DATE	WEED TYPE	AREA	LOCATION	YEAR OF RELEASE	BIO STATUS	CONTROL STATUS	BIO 1	POP 1	BIO 2	POP 2	BIO 3	POP 3
06/24/05	Leafy Spurge	Cove	Lower High Cr Parsons	2001	established		1A. flava	high	A. nigriscutis	moderate		
06/24/05	Leafy Spurge	Cove	Upper High Cr	1998	poor		3A. nigriscutis	trace			A. czwalinea	moderate
06/24/05	Leafy Spurge	Cove	Upper High Cr paved	1998	established		4A. nigriscutis	low	A. flava	high		
06/24/05	Leafy Spurge	Richmond	Cherry Cr Road	1999	established		3A. flava	moderate	A. nigriscutis	low		
06/24/05	Leafy Spurge	Richmond	North bench	1999	established		4A. nigriscutis	high	A. flava	low		
06/24/05	Leafy Spurge	Richmond	South Pepperridge	2000	established		1A. nigriscutis	high	A. flava	moderate		
06/24/05	Leafy Spurge	Richmond	SR-16/Cub River	2001	none found		1					
06/24/05	Leafy Spurge	Richmond	UDOT	2000	collectable		3A. nigriscutis	high	A. flava	high		
06/24/05	Leafy Spurge	Richmond	UDOT	2005	new release		0O. erythrocephala	1000	S. esulae	400		
06/29/05	Leafy Spurge	Cove	High Cr - Parsons	2005	new release		0A. flava	50	A. nigriscutis	50		
06/29/05	Leafy Spurge	Cove	High Cr - windmill	2005	new release		0A. flava	300	A. nigriscutis	200		
06/29/05	Leafy Spurge	Richmond	South Pepperridge	2005	new release		0A. nigriscutis	1500	A. flava	1000		
06/30/05	Diffuse Knapweed	Paradise	Marion Olsen	2000	collectable		0L. minutus	high				
06/30/05	Purple Loosestrife	Young Ward	Pelican Pond	Pre 1996	established		5G. pusilla	high				
06/30/05	Spotted Knapweed	Paradise	Nelson/Dobson	2005	new release		0L. minutus	200				
07/01/05	Canada Thistle	Peterboro	Peterboro Junction	2005	new release		0U. cardui	100				
07/05/05	Leafy Spurge	Newton	Newton Hill	2005	new release		0A. nigriscutis	300	A. flava	200		
07/05/05	Leafy Spurge	Richmond	SR-142	2005	new release		0A. nigriscutis	300	A. flava	200		
07/11/05	Leafy Spurge	Cove	Petty Ln	Pre 1996	collectable		4A. flava	high	A. nigriscutis	high		
07/11/05	Leafy Spurge	Mendon	Maple Rise - Canal	2005	new release		0A. nigriscutis	300				
07/11/05	Leafy Spurge	Mendon	Maple Rise - upper	2001	established		2A. nigriscutis	moderate				
07/11/05	Leafy Spurge	Mendon	SR-23/Maple Rise	2001	established		5A. nigriscutis	high	A. flava	low		
07/11/05	Leafy Spurge	Richmond	Upper Cherry Cr	Pre 1996	collectable		5A. czwalinea	high	A. flava	high	A. nigriscutis	
07/12/05	Leafy Spurge	Mendon	Little Bear/Mendon Rd	2004	established		1A. nigriscutis	low				
07/13/05	Leafy Spurge	Utah	Wasatch County	N/A	exported	N/A	A. nigriscutis	3500	A. flava	1500	A. czwalinea	1500
07/14/05	Musk	Cornish	Best Tire	2005	new release	N/A	T. horridus	250				
07/19/05	Leafy Spurge	Richmond	Caspers Ice Cream	Pre 1996	destroyed	N/A	N/A	N/A	N/A	N/A	N/A	N/A
07/20/05	Dalmatian Toadflax	Cornish	sand pit	2001	none found		0unknown					
07/21/05	Leafy Spurge	Hyrum	Greg Richmonds	2005	new release		0A. nigriscutis	800	A. flava	700		
07/21/05	Leafy Spurge	Idaho	Franklin County	N/A	exported	N/A	A. nigriscutis	8000	A. flava	4000		
07/21/05	Leafy Spurge	Utah	Rich County	N/A	exported	N/A	A. nigriscutis	2500	A. flava	2000		
07/21/05	Purple Loosestrife	Mendon	Little Bear	Natural	established		1G. pusilla	low				
08/03/05	Canada Thistle	Logan	1200 W USU ground	2005	new release		0C. litura	105				

08/04/05	Dalmatian Toadflax	Cornish	Ravine-east	2005	new release		0	B. pulicarius	150				
08/04/05	Dalmatian Toadflax	Cornish	Ravine-west	2005	new release		0	G. antirrhini	150				
08/04/05	Yellow Starthistle	Richmond	Nebo Rd - Sanders	2005	new release		0	B. orientalis	65				
08/05/05	Leafy Spurge	Richmond	DWR - Nebo area	2005	new release		0	A. nigriscutis	1000	A. flava	1000		
	Leafy Spurge	Avon	East Canyon Rd	2000	established		3						
	Leafy Spurge	Avon	Fredrickson/Summers	2000	unknown	unknown							
	Leafy Spurge	Avon	South Canyon "C" hill	2001	unknown	unknown							
	Leafy Spurge	Clarkston	SR-23/west hills	2001	unknown	unknown							
	Leafy Spurge	Richmond	East hills	1997	unknown		4						
	Leafy Spurge	Richmond	Leisure Ln	1999	unknown	unknown							
	Leafy Spurge	Richmond	SR-142 south of DWR	2000	unknown		3						
	Leafy Spurge	Wellsville	Facer pit	2002	unknown		2						
	Leafy Spurge	Wellsville	Little Bear	2002	unknown	unknown							
	Leafy Spurge	Young Ward	Pelican Pnd/Little Bear	2000	unknown	unknown							

New Release			
SubTotals	20570	11250	1500
Total Released			33320

Biocontrol Insects		Collection Timing		Control Chart	
Urophora cardui	stem gall fly	Canada thistle	July	no control	0
Ceutorhynchus litura	stem weevil	Canada thistle		5 - 15 percent	1
Gymnetron antirrhini	seed weevil	Dalmatian toadflax		15 - 30 percent	2
Brachyterolus pulicarius	seed beetle	Dalmatian toadflax		30 - 50 percent	3
Larinus minutus	weevil	Diffuse/Spotted knapweed	June-July	50 - 75 percent	4
Aphthona czwalinea	flea beetle	Leafy spurge	June-July	75 - 95 percent	5
Aphthona flava	flea beetle	Leafy spurge	June-July		
Aphthona nigriscutis	flea beetle	Leafy spurge	June-July		
Spurgia esulae	gall midge	Leafy spurge	July		
Oberea erythrocephala	stem beetle	Leafy spurge	July		
Rhinocyllus conicus	seed weevil	Musk/Canada/bull	May-June		
Trichosirocalus horridus	rosette weevil	Musk/Scotch/Canada/bull	July		
A. alstroemeriana		Poison Hemlock	June		
Galerucella pusilla	beetle	Purple loosestrife	July		
Bangasternus orientalis	seed weevil	Yellow Starthistle	June-Aug		