

IPM Program Totals 2017

Mosquito Program

	2013	2014	2015	2016	2017
YTD Total Area Treated	2,135.3Ha	3,314.9 Ha	1,200.9	2,097.8 Ha	1,001.2
YTD Total Kg's of Vectobac	21,353.24	33,149.4	12,008.8	20,978.1	10,012.0
Altosid Ingots (1 ingot/catch basin)	1,093.0	797.0	N/A	N/A	1,036.0
Altosid Granular	N/A	N/A	N/A	N/A	N/A
Vectolex WSP	N/A	N/A	N/A	N/A	N/A
Vectolex CG (kg)				5.0	34.7
# of Mosquitoes counted for WNV Program	3,248	11,760	1,864	5,546* (Based on last report given by Sask Pop. & Health)	Did not take part in
# of Culex tarsalis in WNV Program	74	1,483	101	394	Did not take part in
# of Positive Pools in WNV Program	0.0	3.0	0.0	1.0	Did not take part in

* Not involved in the counting of species this year, only submission. Number comes from last report given by Sask gov't

Cankerworm Spray Program

					2013	2014	2015	2016	2017
Total Number of Trees Sprayed					2,731	1,085	No Spraying Occurred as Threshold Counts did not Warrant it	1,568	No major spraying occurred for Cankerworms. Sector 17 (319 trees) was sprayed because it did have noticable Cankerworm damage but also tent caterpillars and there for the entire sector was sprayed. Amounts are reported as a part of the tent caterpillar totals.
Total Mixed Litres of Product					48,562	15,876		14,990	
Total Kg's of Dipel					20.5	13		10	
Total Litres of Safer's Insecticidal Soap					92	29		45	
Total Mixed Product per Tree					17.78	14.63		10	
Total Dipel Applied per Tree (g)					7.50	11.98		6.38	
Total Possible Spray Days					7 (June 02-10)	1 (June 05)		1	
Total Weather Delay Days					3	0		0	
New Total Days Spraying					4	1		2	
Average Trees Sprayed per Day					683	1085/Day		784	
Number of Bands Removed					~ 485	~ 80			

DED Program

					2013	2014	2015	2016	2017
Number of Survey Cycles Completed					3	3	4	4	4
Number of Samples					30	30	32	17	33

Total Number of Positive DED Trees	3	5	10	3	10
Total Number of EBB Monitoring Stations	80	86	85	85	90
Total Weather Delay Days	7	6	No Spraying Occurred as there was a re-evaluation of program	No Spraying Occurred as there was a re-evaluation of program	No Spraying Occurred as there was a re-evaluation of program
New Total Spraying days	19	9			
Total Number of Trees Sprayed	20,668	10,409			
Average Number of Trees Sprayed per Day	1,087	1,157			
Total Mixed Product	6,874	2,967			
Total Litres of Dursban	69	30			
Total Mixed Product (L/Tree)	0.33	0.29			
Total Dursban Applied per Tree (mL/Tree)	3.30	2.90			
Trees Infected with DED since 1981	76	81			

Tree Health and Maintenance Program

	2013	2014	2015	2016	2017
Total Number of Trees Injected with EERTEVAS	Program not in effect until 2015	Program not in effect until 2015	95	32	89
Total Litres of EERTEVAS			419.83	145.08	392.21
Total Litres of Water			9768	3,327	8,997
Number of Trees Micro-injected			82	0	0

Number of Trees Deep Root Watered			157	0	0
Total Amount of Orthene (g)	Program not in effect until 2016	Program not in effect until 2016	Program not in effect until 2016	205	0
Total Litres of Water (L)				15	0
Number of Trees Injected with Orthene				5	0

Fall Webworm Spray Program

	2013	2014	2015	2016	2017
Total Number of Trees Sprayed	126 (SR's)	98 SR's & 6 Locations where whole area was done)	39	0	0
Total Litres of Mixed Product Used	4,800	2,180	175	0	0
Total Kilograms of Dipel	1.65	5.7	0.3	0	0
Total Litres of Safer's Insecticidal Soap	93	144.2	18	0	0
Total Mixed Product used per Tree	38.1	Unknown	4.5 L/tree	0	0
Total Dipel Applied per Tree (g)	13.1	Unknown	7.7g/tree	0	0

Tent Caterpillar Spray Program

	2013	2014	2015	2016	2017
Total Number of Trees Sprayed	N/A	N/A	33 Locations	7,200	12,028
Total Kilograms of Dipel	N/A	N/A	1.5	35	

Total Litres of Safer's Insecticidal Soap	N/A	N/A	13	502	1478
Total Mixed Product	N/A	N/A	400	13,800	44,400
Total Dipel Applied per Tree	N/A	N/A	Unknown	4.86g/tree	10.16g/tree

Aphid Spray Program

	2013	2014	2015	2016	2017
Total Number of Trees Sprayd	0	0	0	0	380
Total Litres of Safer's Insecticidal Soap	0	0	0	0	378
Total Mixed Product (L)	0	0	0	0	5,000

Gopher Program

	2013	2014	2015	2016	2017
Giant Destroyers					
Bombs Used	506	0	232	0	0
Holes Covered	N/A	0	128	0	0
RoCon System					
Total Mixed Product Used	14,550	13,125	10,323	10,126	28,984
Total Product Used	556	508.5	393.0	393.4	1,125.0

Holes Covered	3,214	2,570	1,887	1690	6496
Amount of Product Used per Hole (L/hole)	0.17	0.19	0.2	0.2	0.17
Amount of Mixed Product Used per Hole (L/hole)	4.5	5.1	5.5	6	4.46
Rozol RTU					
Total Kilograms of Product Used	208.75	245	57.8	20.55	122
Total Number of Holes Treated	~ 14762	~ 16,489	4,091.60	1,457.00	12,000.00
Average Product Used per Hole (g/hole)	14	14.8	14.1	14.1	10
Buffers Covered	17 sites est. 204.09 Ha	30 sites est. 398 Ha	20 sites est. 70.99 Ha	Torr/Murray/Goulet est. 295 Ha	21 Sites est. 150.05 Ha
Number of Dead Gophers Picked Up	111	137	35	N/A - Golf Courses	218
% Dead Gophers against Active Holes baited	0.8	0.4	0.9	N/A - Golf Courses	1.8

Wasps

	2013	2014	2015	2016	2017
Nests Treated	7	17	48	28	59
Wasp & Hornet Blaster (cans)	2	7.5	13.5	10.5	28
Drione Dust (kg)	0.5	0.055	0.73	0.17	0.7
Ficam D	No Use	No Use	No Use	No Use	No Use

Ants

	2013	2014	2015	2016	2017
Sites Treated	19	11	33	39	24
Ant Blaster (Can)	0	1	0.5	0	0
Drax Bait Tubes	7	2.5	13	7.5	105
Bait Stations	67	48	81	74	96
Prelude (L)	0.15	4	0.28	0.54	0.52
Drone Dust (kg)	N/A	0.25	N/A	N/A	N/A

Storm water Retention

	2013	2014	2015	2016	2017
Purple Loosestrife Removal by Hand	No record	None Removed	30 bags	None Removed	Not Recorded

Mice Program

	2013	2014	2015	2016	2017
Number of Sites Monitored & Treated	49	49	49	49	23
Ketchall Traps	9	4	2	1	4

Bait Stations	82	41	41	61	49
Glue Boards	45	5	25	20	18
Weather Blocks	0	0	0	0	0
Fastrac Blocks	0	0	0	0	0
Final Blox	0	0	0	0	0
Generation Blocks	36	20	0	14	7
Ratak	700	715	330	512	321
Contract Blox	0	0	0	0	5
Snap Traps	151	164	129	208	113

Rat Program

	2013	2014	2015	2016	2017
Demolition Permits (# of Inspections)	128	119	88	79	124
Contract Blox	0	0	104	120	181
Generation Blox	16	0	204	220	264
Weather Blocks	0	0	0	0	0
Rat Bait Stations	4	0	18	4	6

Other Vertebrate Pests

	2013	2014	2015	2016	2017
Beaver	2 Trapped/Euthanized 6 Captured & Released 1 Euthanized	2 Trapped/Euthanized 1 Captured & Released	15 Trapped & Euthanized	14 Trapped 2 Released	10 trapped/Euthanized
Muskrat	1 Captured & Released	0	2 Captured & Released	1 Euthanized	0
Badger	1 Captured & Released	1 Captured & Released	1 Captured & Released	1 Capture & Release	0
Coyote	9 Euthanized 8 Captured & Released	6 Captured & Euthanized 1 Captured & Released 3 DOA	4 Trapped/Euthanized 5 Catch & Release 1 DOA	2 Trapped, 1 Euthanized 1 Catch & Release 1 Dead	3 Catch/Release 3 Catch/Euthanized
Skunks	1 Captured & Released	1 Captured & Released	2 Captured & Release	4 Trapped & Released 1 Dead	23 Catch/Release 1 catch/Euthanized
Porcupines	3 Captured & Released	1 Captured & Released	0	4 Captured & Released	2 Catch/Release
Fox	0	0	0	1 Capture & Euthanized	0
Squirrel	1 Captured & released 1 Captured & Euthanized	1 Removed Dead	1 Captured & Euthanized 2 DOA	1 Euthanized 1 Caught & Released 26 Dead	0
Raccoon	5 Captured & Released	2 Captured & Released	2 Captured & Release	1 Capture & Release	2 Catch/Release
Geese	0	0	0	0	0
Pigeons	12 Euthanized	11 Euthanized	7 Captured & Released 2 DOA	7 Capture & Euthanized 7 Dead	5 Catch/Euthanized
Rabbits	2 Capture & Euthanized	6 Capture & Euthanized	2 Captured & Euthanized 2 DOA	35 Dead	2 Catch/Euthanized 1 Catch/Release
Bats	4 Captured & Released 1 Captured & Euthanized	1 Captured & Released 1 Captured & Euthanized	1 Euthanized 3 Captured & Released	1 Capture & Release 1 Dead	3 Catch/Release 1 Catch/Euthanized

Herbicide Program

	2013	2014	2015	2016	2017
Round Up					
Total Litres of Product	25	8.04	N/A	N/A	N/A
Total Mixed Litres of Product	1250	600	N/A	N/A	N/A
Number of Sites Treated	8	4	N/A	N/A	N/A
Vantage XRT Program					
Total Litres of Product	59.36	74.5	35.3	72.3	13.75
Total Mixed Litres of Product	2,975	4,975	2225	4691.7	885
Number of Sites Treated	9	8	11	21	2

Herbicide Program

	2013	2014	2015	2016	2017
Fall Turf Herbicide Program (Trillion)					
Total Litres of Product	701.04	900.26	1,494.90	803.34	283.80
Total Mixed Litres of Product	11,385	19,835	31,607.35	16,106.00	5,160.00
Number of Sites Treated	45	74	59	46	6 Parks 3 Golf Course
Leafy Spurge Program					

Total Kg's of Overdrive	11.94	1.3	11.2	0.998	25.55
Total Litres of AquaSoft	51.95	N/A	7.96	N/A	N/A
Total Litres of Hastent NT	35.35	5.73	13.9	4.38	22.5
Total Mixed Litres of Product	12,950	2,250	5,700	1,750	9,800
Number of Sites Treated	25	21	22	7	8
Spurge Beetle Project	~ 40,000 Dewdney & Fleury St Release	None Collected	~ 15,000 Dewdney & Fleury St Release	None Collected	~ 20,000 Dewdney & Fleury St Release
Russian Knap Weed Spraying					
Total Litres of Product (Tordon)	2.5	N/A	N/A	N/A	N/A
Total Mixed Litres of Product	500	N/A	N/A	N/A	N/A
Number of Sites Treated	1 site: Turvey Rd Tracks	N/A	N/A	N/A	N/A

Parks Weed Survey

	2013	2014	2015	2016	2017
Total Number of Samples Generated	15,915	15,684	6,777	2,773	3,645
Total Area Surveyed (Ha)	648.41	655.93	543.4	290.15	292.42

* Measurements were changed from every 20m to 40m

Gypsy Moth

	2013	2014	2015	2016	2017
# of Monitoring Traps	25 traps 1 moth at Mount Pleasant CFIA trap 1 in Wascana	25 traps, no moths	25 traps, no moths	25 Traps, no moths	25 Traps, no moths

Spruce Budworm

	2013	2014	2015	2016	2017
# Monitoring Traps	25 traps, no moths	25 traps, no moths	25 traps, no moths	25 traps, no moths	25 traps, no moths

Emerald Ash Borer

	2013	2014	2015	2016	2017
# Monitoring Traps	4 traps, no EAB	4 traps, no EAB	4 traps, no EAB	4 traps, no EAB	4 traps, no EAB





