

A comparison of the collection numbers for the past five years is listed below.

With the use of synthetic pyretheroids, Mustang and Asana, being applied with conventional herbicides prior to Roundup Ready Culture, the numbers declined significantly over the four year period between '04 and '07. Concern for their continued use with Roundup Ready Culture as well as the timing of usage was a concern last year and also this year. It would appear from the numbers collected this year in Minidoka Co. particularly, that we have lost some ground on control as well as in Cassia Co. although there numbers do not reflect so many sites which have reached threshold.

It would be suggested that the usage of the synthetic pyretheroids, Asana and Mustang be continued on a timely basis as well as the ground applied granular insecticides, i.e. Temik or Counter or Thimet etc. The timely application of these control products in relation to peak fly flight is what has achieved the lowered level of fly counts in previous years. This is significant control and should be continued in order to maintain at least the degree of control which we currently have.

<b>Minidoka Co.</b>	2009	2008	2007	2006	2005
Average of counts	137	111	91	124	227
highest count no.	519	389	281	364	859
no. of sites out of total at threshold	18 of 20	16 of 20	19 of 20	22 of 29	29 of 29

<b>Cassia Co.</b>	2009	2008	2007	2006	2005
Average of counts	25	17	21	24	69
highest count no.	193	70	62	143	135
no. of sites out of total at threshold	3 of 19	1 of 16	3 of 17	3 of 23	18 of 25

<b>Idahome Area</b>	2009	2008	2007	2006	2005
Average of counts	101	430	143	31	165
highest count no.	193	586	348	95	298
no. of sites out of total at threshold	2 of 3	3 of 3	2 of 3	2 of 7	5 of 7

**2009 SUGARBEET ROOT MAGGOT FLY MONITORING ROUTE READINGS**

NOTE: When the collective total of the readings for any site reaches 40-45 flies, the economic threshold has been reached for requiring treatment with a suitable insecticide for control. Treatment 10 days ahead of peak ( or 45 fly accumulation) is desirable for most areas where heavy population has been the history. Peak flight historically occurs the 2nd of June. Therefore application of insecticide should begin about May 20. Activation of granular insecticides is important and should be accomplished by irrigation as soon after application as possible. Subsequent reactivations should be made should dry conditions prevail during the 20 day period each side of peak fly flight.

Site No.	Location in	26-May	28-May	30-May	1-Jun	3-Jun	5-Jun	8-Jun	10-Jun	Collective Total
	<b>Minidoka Co.</b>									
1	1150 W 100 S	1.7	3.7	3.0	1.0	1.0	0.7	1.7	1.3	14.0
2	850 W BASELINE RD.	6.7	2.3	4.0	4.7	2.7	4.7	3.3	3.3	31.7
3	750 W 300 N	1.7	2.7	52.3	12.0	1.7	10.7	4.3	3.3	88.7
4	550 W 500 N	3.7	5.3	9.3	1.7	0.7	2.0	6.7	2.3	31.7
5	1050 W 600 N	8.7	13.0	13.0	9.0	1.0	1.3	4.0	3.3	53.3
6	800 W 700 N	2.0	3.0	28.7	11.0	1.0	7.7	2.0	7.0	62.3
7	475 W 900 N	1.0	3.0	4.7	6.3	4.0	3.0	3.0	5.0	30.0
8	250 W 900 N	13.3	1.0	30.3	6.3	6.7	5.7	4.7	4.3	72.3
9	175 W 1000 N	14.7	13.7	25.7	25.3	4.7	5.7	10.0	7.0	106.7
10	400 W 1250 N	8.7	11.0	237.3	150.3	11.7	31.7	1.0	11.0	462.7
11	550 W 1300 N	8.3	7.7	34.3	8.0	2.0	6.3	6.0	12.3	85.0
12	850 W 1650 N	1.3	0.0	5.3	5.0	3.7	6.0	3.3	3.3	28.0
13	50 E 1000 N	11.3	11.3	25.7	28.0	4.0	7.7	21.0	10.7	119.7
14	200 E 850 N	5.0	4.3	8.3	1.3	1.0	0.7	0.3	1.0	22.0
15	500 E 725 N	3.0	3.3	6.7	3.7	0.3	1.3	0.0	0.7	19.0
16	725 E 700 N	7.7	2.0	25.3	12.7	0.7	14.7	15.3	8.3	86.7
17	1100 E 800 N	3.7	1.7	15.7	7.3	3.0	1.3	4.0	6.3	43.0
18	800 E 1050 N	5.3	17.7	58.7	24.7	5.3	7.7	5.3	20.3	145.0
19	650 E 1300 N	18.0	4.7	35.0	19.7	11.7	45.0	1.0	15.0	150.0
20	400 E 1200 N	7.3	51.7	229.3	174.5	8.3	26.3	0.7	7.3	505.5
<b>Averages</b>		<b>6.7</b>	<b>8.2</b>	<b>42.6</b>	<b>25.6</b>	<b>3.8</b>	<b>9.5</b>	<b>4.9</b>	<b>6.7</b>	<b>107.9</b>

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Site No.	Location in	total	12-Jun	15-Jun	17-Jun	19-Jun	22-Jun	24-Jun	Collective Total	
	<b>Minidoka Co.</b>	forward								
1	1150 W 100 S	14.0	3.3	3.7	4.0	3.7	2.0	2.0	32.7	
2	850 W BASELINE RD.	31.7	3.0	4.0	6.7	2.3	5.3	2.7	55.7	
3	750 W 300 N	88.7	1.3	4.0	1.7	0.7	4.3	0.7	101.4	
4	550 W 500 N	31.7	1.0	5.3	4.3	3.3	1.0	2.3	49.0	
5	1050 W 600 N	53.3	3.3	12.3	2.7	1.3	6.0	3.0	82.0	
6	800 W 700 N	62.3	0.7	1.7	5.3	2.0	3.0	1.7	76.6	
7	475 W 900 N	30.0	4.7	5.3	1.3	2.3	2.7	3.3	49.7	
8	250 W 900 N	72.3	6.3	19.3	14.3	5.0	5.3	2.7	125.3	
9	175 W 1000 N	106.7	3.0	13.0	7.3	8.7	5.7	4.3	148.7	
10	400 W 1250 N	462.7	11.0	12.7	11.7	2.3	8.0	0.7	509.0	
11	550 W 1300 N	85.0	7.0	13.3	9.3	8.0	16.0	4.7	143.3	
12	850 W 1650 N	28.0	3.0	4.7	0.3	0.3	2.3	2.3	41.0	
13	50 E 1000 N	119.7	9.3	19.3	13.3	15.7	20.0	8.7	206.0	
14	200 E 850 N	22.0	3.0	5.0	3.0	4.0	2.0	2.0	41.0	
15	500 E 725 N	19.0	1.7	5.7	3.7	2.7	5.7	0.3	38.7	
16	725 E 700 N	86.7	5.7	9.3	7.0	5.7	7.3	1.0	122.7	
17	1100 E 800 N	43.0	4.0	3.3	0.7	1.3	2.7	0.3	55.3	
18	800 E 1050 N	145.0	3.0	2.0	3.7	3.7	2.7	1.0	161.0	
19	650 E 1300 N	150.0	2.0	6.3	6.7	1.3	10.0	2.3	178.7	
20	400 E 1200 N	505.5	2.0	1.7	3.3	2.3	2.7	1.7	519.2	
<b>Averages</b>		<b>107.9</b>	<b>3.9</b>	<b>7.6</b>	<b>5.5</b>	<b>3.8</b>	<b>5.7</b>	<b>2.4</b>	<b>#DIV/0!</b>	<b>136.8</b>

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Site No.	Location in <b>Cassia County</b>	26-May	29-May	2-Jun	4-Jun	6-Jun	8-Jun	10-Jun	12-Jun	Collective Total
1	100 S 500 W	1.7	2.0	9.3	4.3	3.7	0.3	0.7	0.7	22.7
2	200 S 750 W	0.3	4.7	3.3	2.3	5.3	0.3	1.0	0.3	17.7
3	675 S 700 W	0.7	2.7	7.3	2.0	3.3	0.0	1.7	0.3	18.0
4	1000 S 1100 W	1.3	3.3	5.7	4.3	4.3	1.0	4.0	1.0	25.0
5	900 S 1400 W	1.0	0.3	0.0	1.0	0.3	0.3	1.3	0.7	5.0
6	1150 S 600 W	0.7	1.0	1.3	2.3	4.3	3.7	2.7	2.0	18.0
7	1200 S 300 W	1.7	2.3	4.7	3.3	2.3	3.0	0.3	0.7	18.3
8	700 S 200 W	1.3	8.3	3.7	3.0	1.7	2.7	1.0	1.7	23.3
9	300 S 100 W	1.0	5.3	7.7	2.3	2.7	3.3	2.7	1.7	26.7
10	200 S 200 W	0.0	0.0	1.7	5.3	3.7	1.3	1.0	2.0	15.0
11	250 S 250 W	1.0	2.3	2.0	1.3	0.7	1.0	1.0	2.3	11.7
12	600 S 350 W	3.3	2.3	4.0	0.7	0.7	0.0	0.7	0.0	11.7
13	700 S 600 E	2.3	14.7	3.7	6.0	4.0	1.0	1.0	1.3	34.0
14	500 S 550 E	5.0	2.7	4.0	2.0	4.0	0.7	1.0	0.7	20.0
15	275 S 550 E	2.0	0.7	5.0	2.0	1.3	4.0	4.7	1.7	21.3
16	150 S 950 E	0.0	0.7	0.3	1.3	1.0	1.7	0.3	0.3	5.7
17	800 S 2150 E	0.3	19.7	59.3	17.3	35.0	3.3	8.7	6.3	150.0
18	800 S 2450 E	0.3	2.7	33.0	13.3	7.3	1.3	10.3	2.7	71.0
19	250 S 2550 E	0.0	0.7	0.3	0.0	1.7	2.0	0.7	1.0	6.3
<b>Averages</b>		<b>1.3</b>	<b>4.0</b>	<b>8.2</b>	<b>3.9</b>	<b>4.6</b>	<b>1.6</b>	<b>2.4</b>	<b>1.4</b>	<b>27.4</b>

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Site No.	Location in Cassia County	total forward	15-Jun	17-Jun	19-Jun	22-Jun	24-Jun	Collective Total		
1	100 S 500 W	22.7	0.6	1.0	0.0	4.3	1.7	30.3		
2	200 S 750 W	17.7	1.6	0.7	0.7	0.3	2.0	22.9		
3	675 S 700 W	18.0	3.4	1.7	0.0	1.7	1.3	26.1		
4	1000 S 1100 W	25.0	2.9	2.3	0.7	1.0	2.0	33.9		
5	900 S 1400 W	5.0	1.8	0.3	0.3	0.3	0.3	8.1		
6	1150 S 600 W	18.0	1.0	1.3	1.7	2.3	2.0	26.3		
7	1200 S 300 W	18.3	1.8	2.0	1.7	0.7	0.7	25.1		
8	700 S 200 W	23.3	2.0	2.0	1.3	1.0	3.0	32.6		
9	300 S 100 W	26.7	2.6	3.3	1.0	2.3	1.0	36.9		
10	200 S 200 W	15.0	1.4	0.3	0.0	3.3	1.3	21.4		
11	250 S 250 W	11.7	2.4	2.7	1.3	3.3	4.3	25.8		
12	600 S 350 W	11.7	0.1	1.3	0.0	1.3	0.3	14.8		
13	700 S 600 E	34.0	2.0	1.3	0.0	1.7	1.0	40.0		
14	500 S 550 E	20.0	0.6	0.3	0.3	0.0	0.7	21.9		
15	275 S 550 E	21.3	2.8	1.7	1.3	0.7	1.3	29.1		
16	150 S 950 E	5.7	0.0	0.0	0.0	2.3	0.0	8.0		
17	800 S 2150 E	150.0	5.7	12.7	1.0	9.7	14.3	193.3		
18	800 S 2450 E	71.0	5.1	3.7	2.0	6.3	6.7	94.8		
19	250 S 2550 E	6.3	4.2	1.0	1.7	0.7	1.0	14.9		
<b>Averages</b>		<b>27.4</b>	<b>2.2</b>	<b>2.1</b>	<b>0.8</b>	<b>2.3</b>	<b>2.4</b>	<b>#DIV/0!</b>	<b>#DIV/0!</b>	<b>37.2</b>