

Overall thrips pressure continues, as is typical for early July. With the warmer conditions, thrips will develop faster so numbers will rebound sooner after insecticide applications. At this time of year, most thrips are ones developing within onion crops. However, dispersal from other plants still continues. Wheat has dried down so the thrips have left it; do pay attention to when hay fields are cut as significant numbers of onion thrips can disperse out of those fields after cutting.

I found Iris yellow spot in about 20% of the fields this week. Those fields have been in Ontario, Nyssa and Fruitland. So far, it has been at low levels in most of those fields.

Adults per Plant

Growing Area	5/15	5/25	5/31	6/8	6/15	6/22	6/29	7/6
Oregon Slope/Weiser	0.03	0.04	0.06	0.15	2.47	4.41	5.22	5.51
Vale	0.15	0.55	1.64	2.60	4.79	6.44	5.72	3.99
Ontario	0.07	0.03	0.78	0.71	1.92	4.35	5.98	5.66
Nyssa	0.02	0.07	1.32	1.03	3.67	5.20	7.33	3.98
Adrian	0.02	0.22	1.60	1.67	2.15	2.63	7.60	2.82
Fruitland	0.05	0.03	0.19	0.94	1.29	6.12	6.30	1.82
Parma	-	0.09	1.60	0.67	2.75	7.89	3.47	6.54
Overall Average	0.06	0.15	1.03	1.11	2.72	5.29	5.95	4.33

Immatures per Plant

Growing Area	5/15	5/25	5/31	6/8	6/15	6/22	6/29	7/6
Oregon Slope/Weiser	0.00	0.00	0.00	0.26	5.45	12.55	9.90	10.19
Vale	0.00	0.41	6.28	4.20	11.16	5.99	11.64	17.73
Ontario	0.00	0.00	3.60	1.71	8.71	22.81	21.28	9.63
Nyssa	0.00	0.02	3.56	5.52	8.00	10.58	26.98	12.75
Adrian	0.00	0.00	8.42	3.64	5.45	1.10	5.17	8.92
Fruitland	0.00	0.00	0.16	2.20	3.39	7.62	1.55	0.46
Parma	-	0.00	1.97	4.37	1.66	2.90	12.78	49.01
Overall Average	0.00	0.06	3.43	3.13	6.26	9.08	12.76	15.53

Total average per Plant

Growing Area	5/15	5/25	5/31	6/8	6/15	6/22	6/29	7/6
Oregon Slope/Weiser	0.03	0.04	0.06	0.42	7.92	16.96	15.12	15.69
Vale	0.15	0.96	7.92	6.79	15.96	12.43	17.36	21.71
Ontario	0.07	0.03	4.38	2.42	10.63	27.16	27.26	15.29
Nyssa	0.02	0.09	4.88	6.55	11.67	15.78	34.31	16.73
Adrian	0.02	0.22	10.01	5.31	7.61	3.73	12.77	11.74
Fruitland	0.05	0.03	0.35	3.14	4.68	13.74	7.85	2.28
Parma	-	0.09	3.58	5.03	4.41	10.79	16.25	55.56
Overall Average	0.06	0.21	4.45	4.24	8.98	14.37	18.70	19.86

% Plants with Thrips

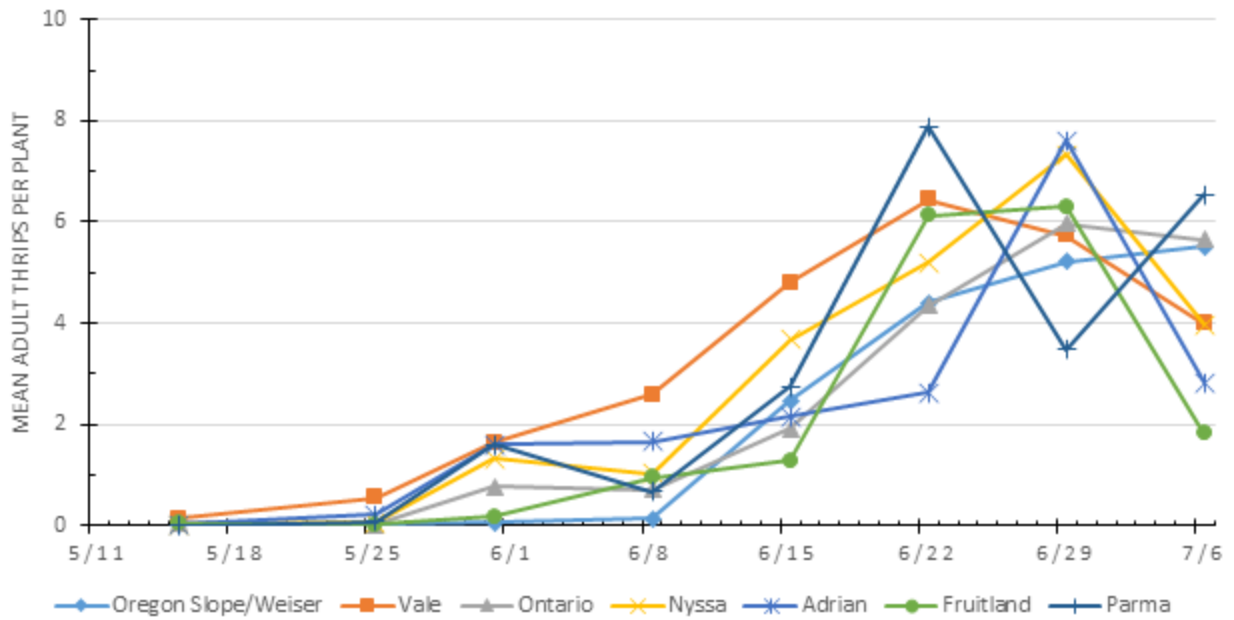
Growing Area	5/15	5/25	5/31	6/8	6/15	6/22	6/29	7/6
Oregon Slope/Weiser	0%	4%	6%	14%	68%	81%	93%	86%
Vale	0%	31%	64%	54%	81%	83%	76%	89%
Ontario	0%	3%	34%	35%	73%	89%	96%	75%
Nyssa	0%	5%	73%	56%	70%	87%	97%	71%
Adrian	0%	19%	57%	53%	70%	86%	98%	87%
Fruitland	0%	3%	17%	50%	54%	94%	100%	65%
Parma	0%	7%	54%	41%	89%	84%	74%	90%
Overall Average	0%	10%	43%	43%	72%	86%	91%	80%

IYSV Incidence (% plants with lesions)

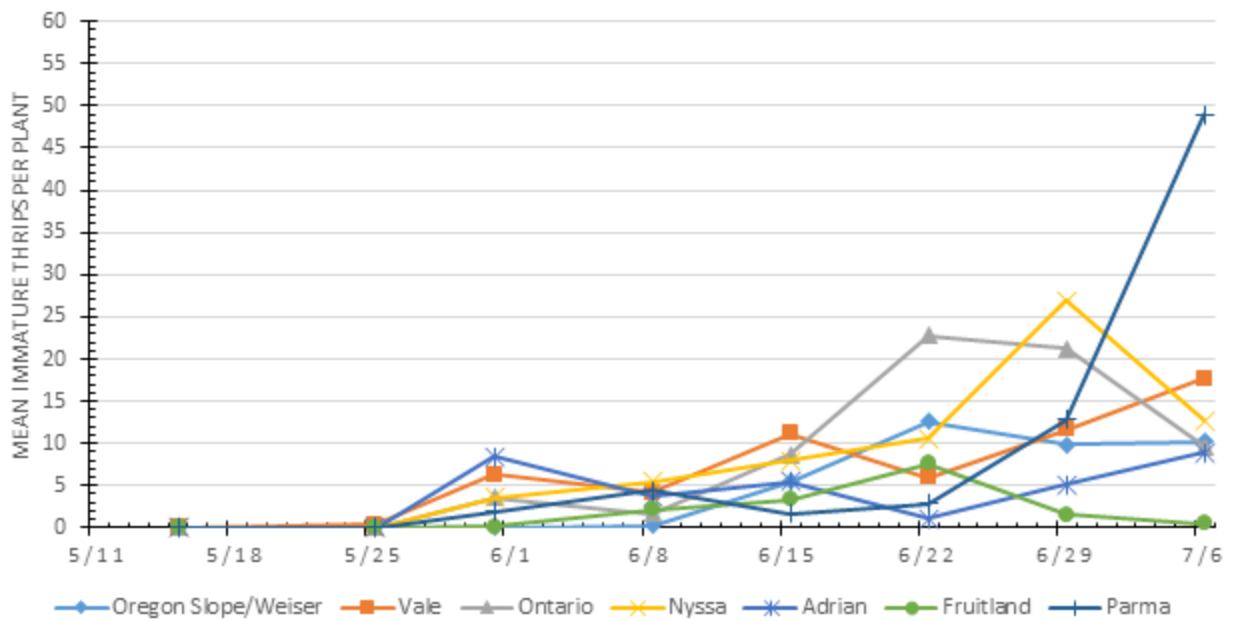
Growing Area	5/15	5/25	5/31	6/8	6/15	6/22	6/29	7/6
Oregon Slope/Weiser	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Vale	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Ontario	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	1.0%
Nyssa	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%
Adrian	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Fruitland	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	9.4%	6.1%
Parma	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Overall Average	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.0%

* the decrease in Fruitland is a sampling artefact – this week includes fields not sampled last week because of spraying

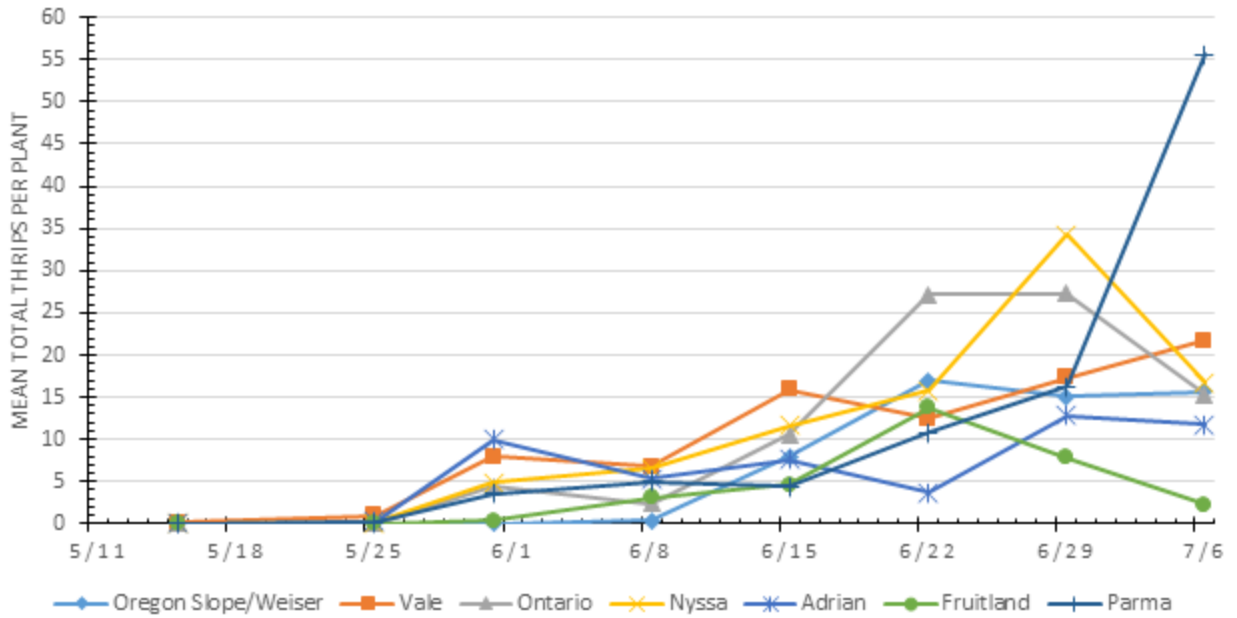
SEASONAL THRIPS ADULT TRENDS



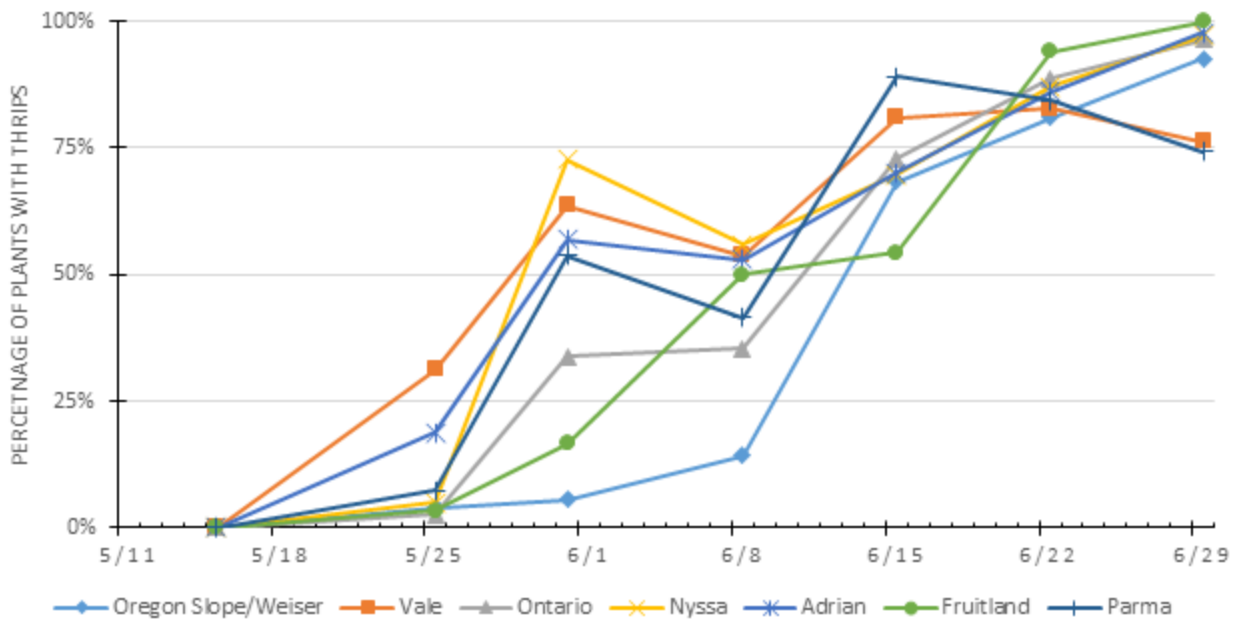
SEASONAL IMMATURE THRIPS TRENDS



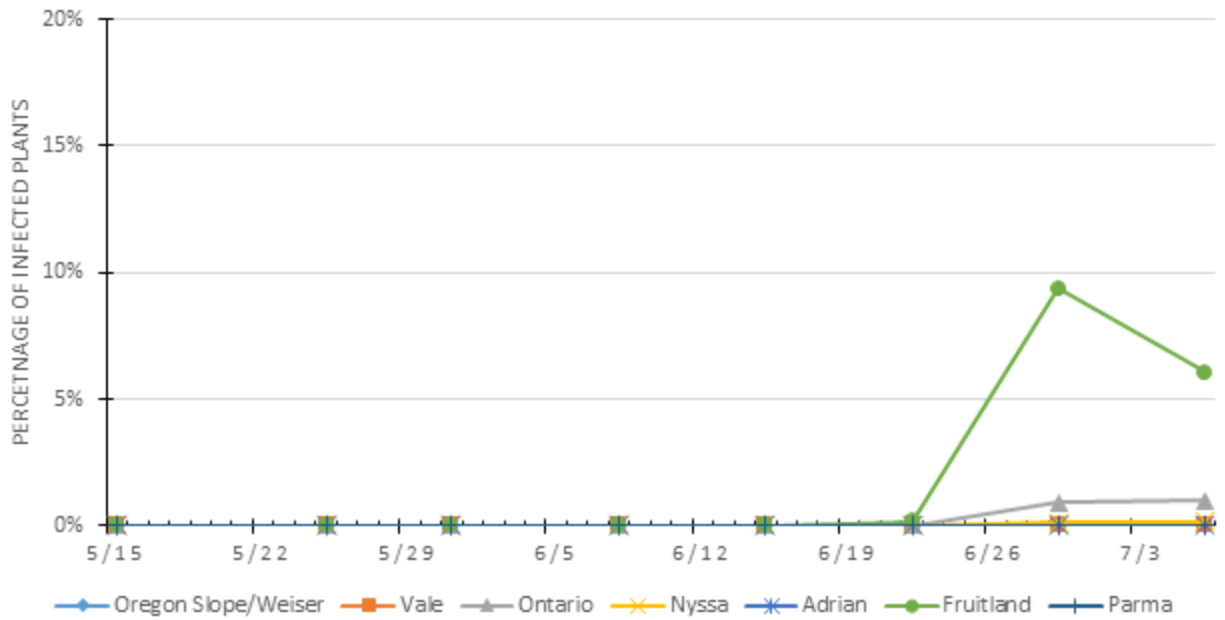
SEASONAL TOTAL THRIPS TRENDS - 2019



PERCENTAGE OF PLANTS WITH THRIPS



INCIDENCE OF IRIS YELLOW SPOT





A group of thrips clustered at the base of onion leaves