

Thrips update 6/22

Below are the monitoring results for this week. Fields were checked Thursday afternoon, Friday, and a few Saturday morning. There are 7 – 10 fields in each area.

Not surprisingly, there's been a sharp increase in thrips in some areas. In other areas, numbers have held fairly steady. Some of the difference reflects where people are with their insecticide programs. For example, fields that have already received a second Movento application tend to have few immatures. Some of those that haven't or just had a recent application tend to have more immatures and a higher proportion of immatures relative to adults. One way to see when the residual effect of Movento is declining is to see if the proportion of immatures is increasing.

I did find two Iris yellow spot infected plants this week so be on the lookout for it.

Despite a couple of brisk days this week, the degree days for June have been about the same as last year. For the season, 2019 is a couple of days behind 2018 but still a few days ahead of the historic average.

Adults per Plant

Growing Area	5/15	5/25	5/31	6/8	6/15	6/22
Oregon Slope/Weiser	0.03	0.04	0.06	0.15	2.47	4.41
Vale	0.15	0.55	1.64	2.60	4.79	6.44
Ontario	0.07	0.03	0.78	0.71	1.92	4.35
Nyssa	0.02	0.07	1.32	1.03	3.67	5.20
Adrian	0.02	0.22	1.60	1.67	2.15	2.63
Fruitland	0.05	0.03	0.19	0.94	1.29	6.12
Parma	-	0.09	1.60	0.67	2.75	7.89
Overall Average	0.06	0.15	1.03	1.11	2.72	5.29

Immatures per Plant

Growing Area	5/15	5/25	5/31	6/8	6/15	6/22
Oregon Slope/Weiser	0.00	0.00	0.00	0.26	5.45	12.55
Vale	0.00	0.41	6.28	4.20	11.16	5.99
Ontario	0.00	0.00	3.60	1.71	8.71	22.81
Nyssa	0.00	0.02	3.56	5.52	8.00	10.58
Adrian	0.00	0.00	8.42	3.64	5.45	1.10
Fruitland	0.00	0.00	0.16	2.20	3.39	7.62
Parma	-	0.00	1.97	4.37	1.66	2.90
Overall Average	0.00	0.06	3.43	3.13	6.26	9.08

Total average per Plant

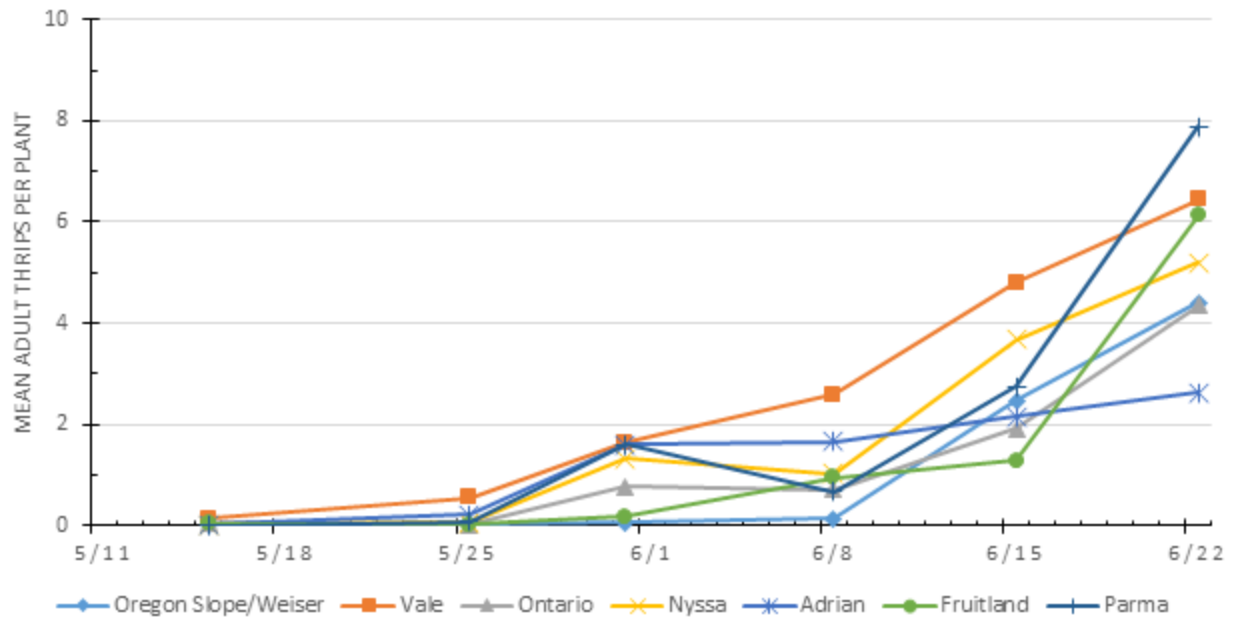
Growing Area	5/15	5/25	5/31	6/8	6/15	6/22
Oregon Slope/Weiser	0.03	0.04	0.06	0.42	7.92	16.96
Vale	0.15	0.96	7.92	6.79	15.96	12.43
Ontario	0.07	0.03	4.38	2.42	10.63	27.16
Nyssa	0.02	0.09	4.88	6.55	11.67	15.78

Adrian	0.02	0.22	10.01	5.31	7.61	3.73
Fruitland	0.05	0.03	0.35	3.14	4.68	13.74
Parma	-	0.09	3.58	5.03	4.41	10.79
Overall Average	0.06	0.21	4.45	4.24	8.98	14.37

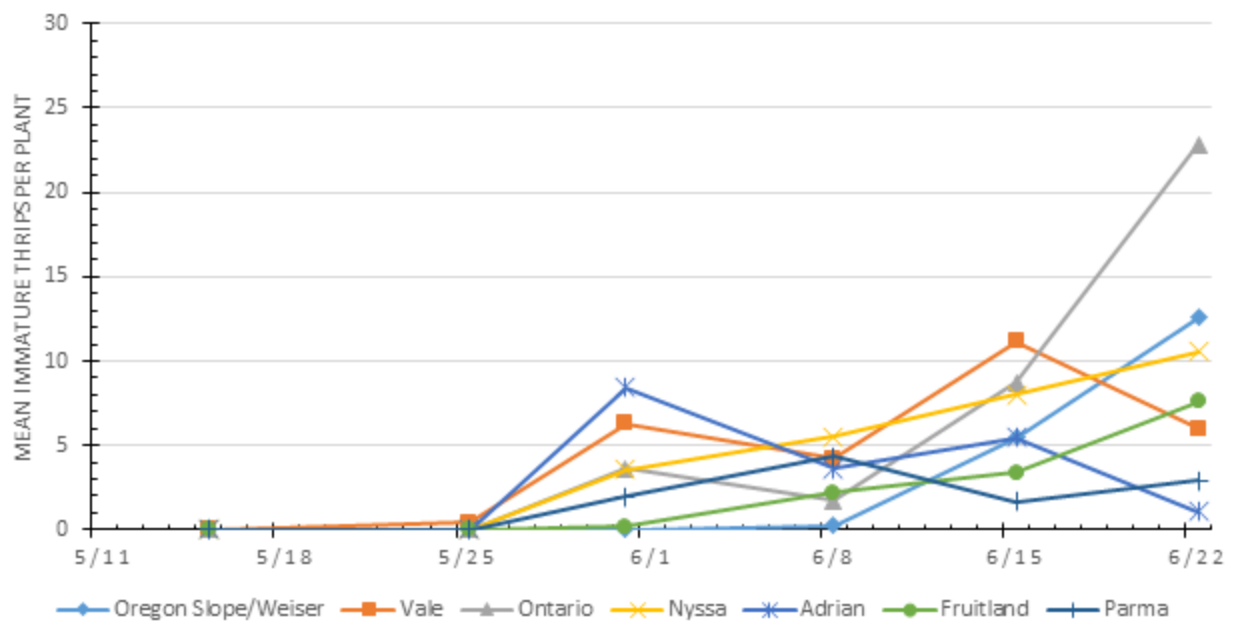
% Plants with Thrips

Growing Area	5/15	5/25	5/31	6/8	6/15	6/22
Oregon Slope/Weiser	0%	4%	6%	14%	68%	81%
Vale	0%	31%	64%	54%	81%	83%
Ontario	0%	3%	34%	35%	73%	89%
Nyssa	0%	5%	73%	56%	70%	87%
Adrian	0%	19%	57%	53%	70%	86%
Fruitland	0%	3%	17%	50%	54%	94%
Parma	0%	7%	54%	41%	89%	84%
Overall Average	0%	10%	43%	43%	72%	86%

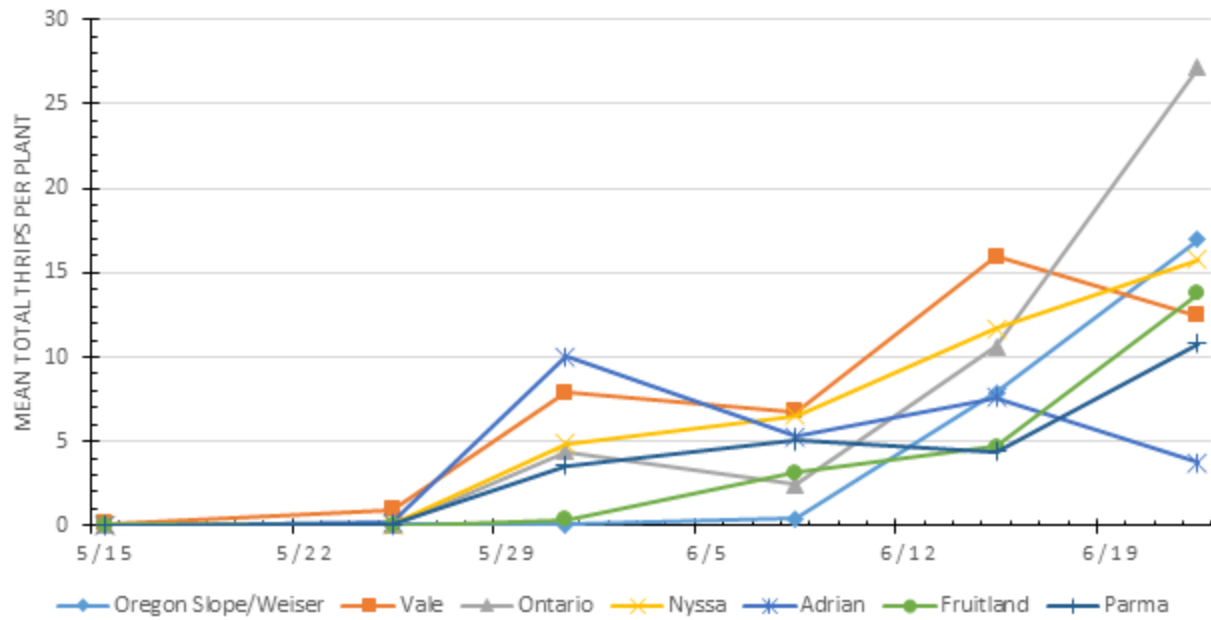
SEASONAL THRIPS ADULT TRENDS



SEASONAL IMMATURE THRIPS TRENDS



SEASONAL TOTAL THRIPS TRENDS - 2019



PERCENTAGE OF PLANTS WITH THRIPS

