

2022 Potato Tuber Moth Programme

Potato Tuber Moth has become the predominant insect pest species in the Pukekohe growing region, causing significant financial losses for growers in the region. As a consequence, Potatoes New Zealand initiated a research programme designed to better manage the pest.

As part of this programme PNZ will be carrying out a field trial to test a range of chemicals not commonly used to manage the pest. In order to identify an appropriate site for the trial Fruitfed has installed several traps in different location in the region. The trail will be located at sites where pest pressure is highest.

Weekly Monitoring Report No.6

18th November 2022

Please see below latest results from the pheromone traps as part of the PTM Survey. Graph is limited to the last 4 weeks to make it easier to read.

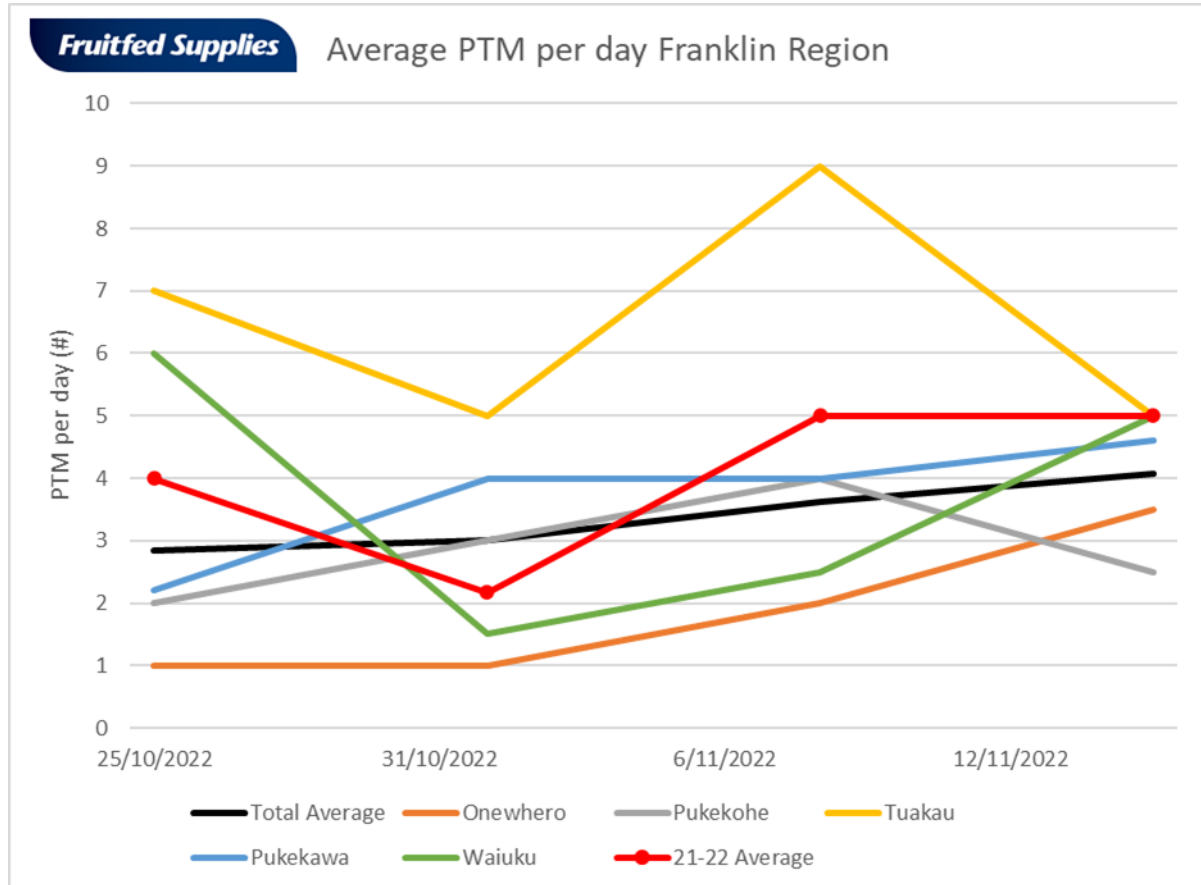
Potato tuber moth per day catch average for the whole Franklin area has slightly increased from 3.6 to 4.1 moth per day. Tuakau & Waiuku are highest trap average at 5. With Pukekawa following at an average of 4.6. Last year for the same period we had an average catch of 5 moth per day. We are seeing larvae in potato canopies so growers and advisors need to remain vigilant, keep checking soil conditions.

Moth Catch Risk Range

0-4 lower risk

5-9 moderate risk

10+ higher risk



	6/09 /2022	13/09 /2022	22/09 /2022	28/09 /2022	4/10 /2022	11/10 /2022	18/10 /2022	25/10 /2022	1/11 /2022	8/11 /2022	15/11 /2022
Total Average	8	4	2	2	1	2.0	2.3	2.8	3.0	3.6	4.1
Onewhero	1	1	1	1	1	1	3.0	1.0	1.0	2.0	3.5
Pukekōhe	3	1	2	2	2	3	2.5	2.0	3.0	4.0	2.5
Tuakau	25	11	6	7	2	1	3.0	7.0	5.0	9.0	5.0
Pukekōawa	9	4	2	1	1	2	2.0	2.2	4.0	4.0	4.6
Waiuku			1	1	1	2	2.0	6.0	1.5	2.5	5.0