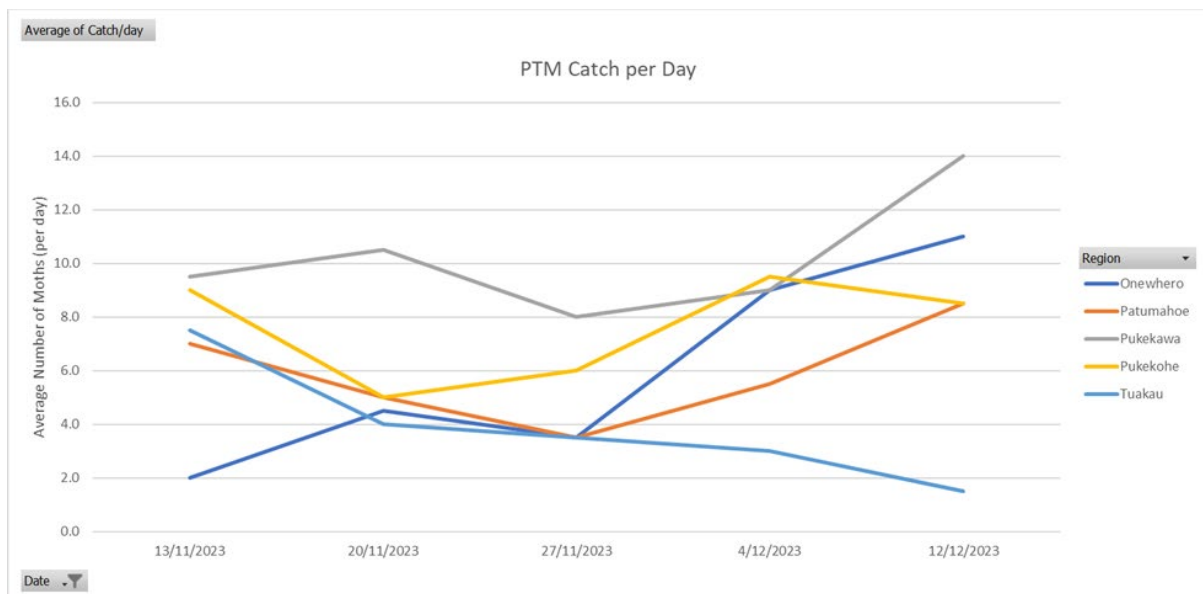


2023 Potato Tuber Moth

Potatoes NZ is working to help support growers in their management of Potato Tuber Moth (PTM). As part of this we have a monitoring system in place using pheromone traps to catch PTM within potato crops. These results are multiple paddocks, averaged for the given area (Pukekohe, Pukekawa, Tuakau, etc.). Please use this information in combination with in-field crop scouting to help make decisions around crop management.

Tuber moth counts – December 12, 2023

Catch per day						
Average of Catch/day	Column Labels					
Row Labels	Onewhero	Patumahoe	Pukekawa	Pukekohe	Tuakau	Grand Total
24/10/2023	2	4	9	6	5	6
31/10/2023	3	4	3	6	2	4
6/11/2023	3	7	5	7	5	5
13/11/2023	2	7	10	9	8	7
20/11/2023	5	5	11	5	4	6
27/11/2023	4	4	8	6	4	5
4/12/2023	9	6	9	10	3	7
12/12/2023	11	9	14	9	2	9
Grand Total	5	6	8	7	4	6



The overall PTM pressure across the region has increased to 9 moth per day (up from 7), keeping the whole area in the moderate risk bracket. Pukekawa has the highest pressure at 14 moth per day (up from 9), Onewhero has also increased to 11 moth per day (up from 9). Tuakau remains the lowest pressure with 1.5 moth per day.

There have been larvae found in potato canopies, so keep scouting your crops. Keep monitoring your soil for cracking, as cracking soil gives moth/ larvae a direct route to tubers.

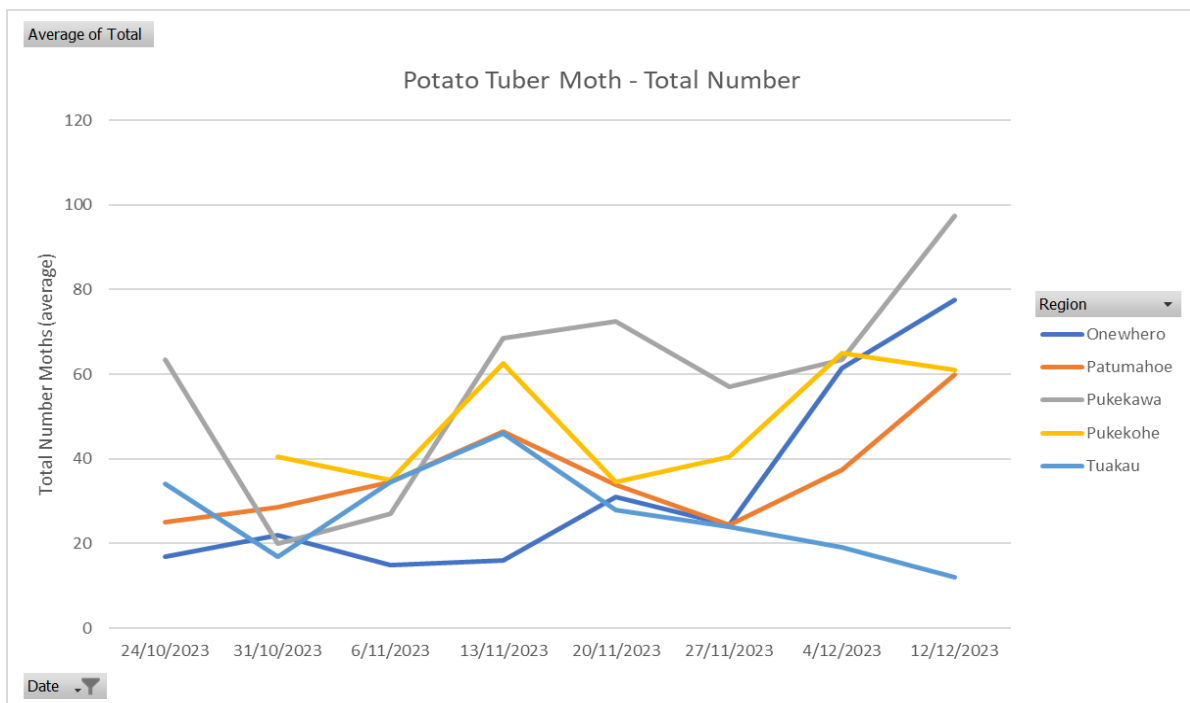
Moth Catch Risk Range

0-4 lower risk

5-9 moderate risk

10+ higher risk

Total Tuber moth						
Average of Total	Column Labels					
Row Labels	Onewhero	Patumahoe	Pukekawa	Pukekohe	Tuakau	Grand Total
24/10/2023	17	25	64		34	40
31/10/2023	22	29	20	41	17	26
6/11/2023	15	35	27	35	35	29
13/11/2023	16	47	69	63	46	48
20/11/2023	31	34	73	35	28	40
27/11/2023	24.5	25	57	41	24	34
4/12/2023	61.5	38	64	65	19	49
12/12/2023	77.5	60	98	61	12	62
Grand Total	34	37	59	48	27	41



If you have any questions around this information, please contact Daniel Sutton Daniel.sutton@freshvegetables.co.nz or call him 027 473 2381 with any queries.