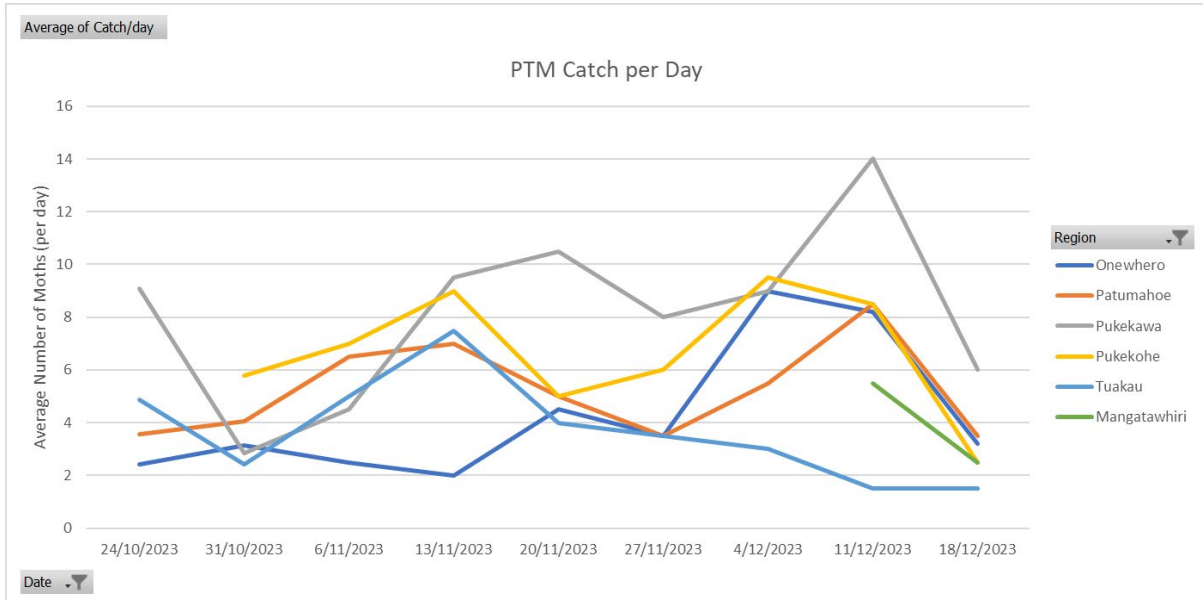


2023 Potato Tuber Moth

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 18, 2023

Catch per day									
Average of Catch/day	Column Labels								
Row Labels	Onewhero	Patumahoe	Pukekawa	Pukekohe	Tuakau	Mangatawhiri	Waerenga	Te Kauwhata	Grand Total
24/10/2023	2	4	9		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
11/12/2023	8	9	14	9	2	6	0	6	7
18/12/2023	3	4	6	3	2	3	1	1	3
Grand Total	5	5	8	7	4	4	1	4	5



The overall PTM pressure across the region has decreased to 3 moth per day (down from 9), dropping the whole area in the low-risk bracket. Pukekawa remains at a moderate risk and has the highest pressure at 6 moth per day (down from 14), all other areas have dropped below 4 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.

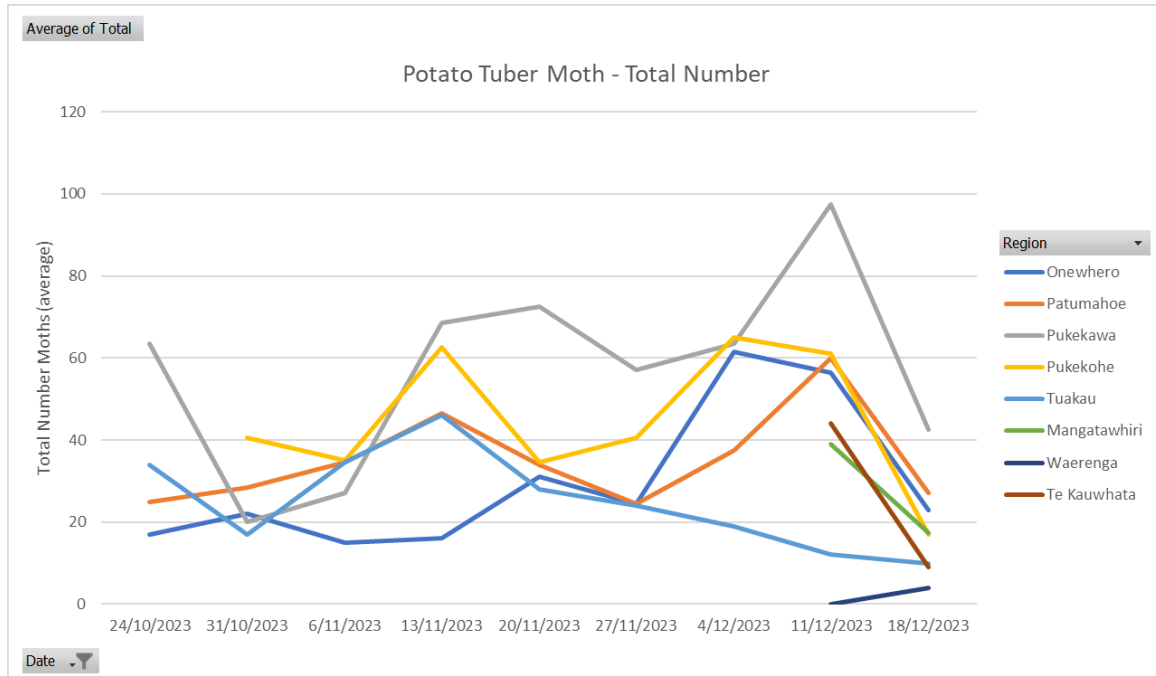
Moth Catch Risk Range

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	Mangatawhiri	Waerenga	Te Kauwhata	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
11/12/2023	56.4	60	98	61	12	39	0	44	51
18/12/2023	23	27	43	17	10	17.5	4	9	21
Grand Total	33	36	57	45	25	28.25	2	26.5	37



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.