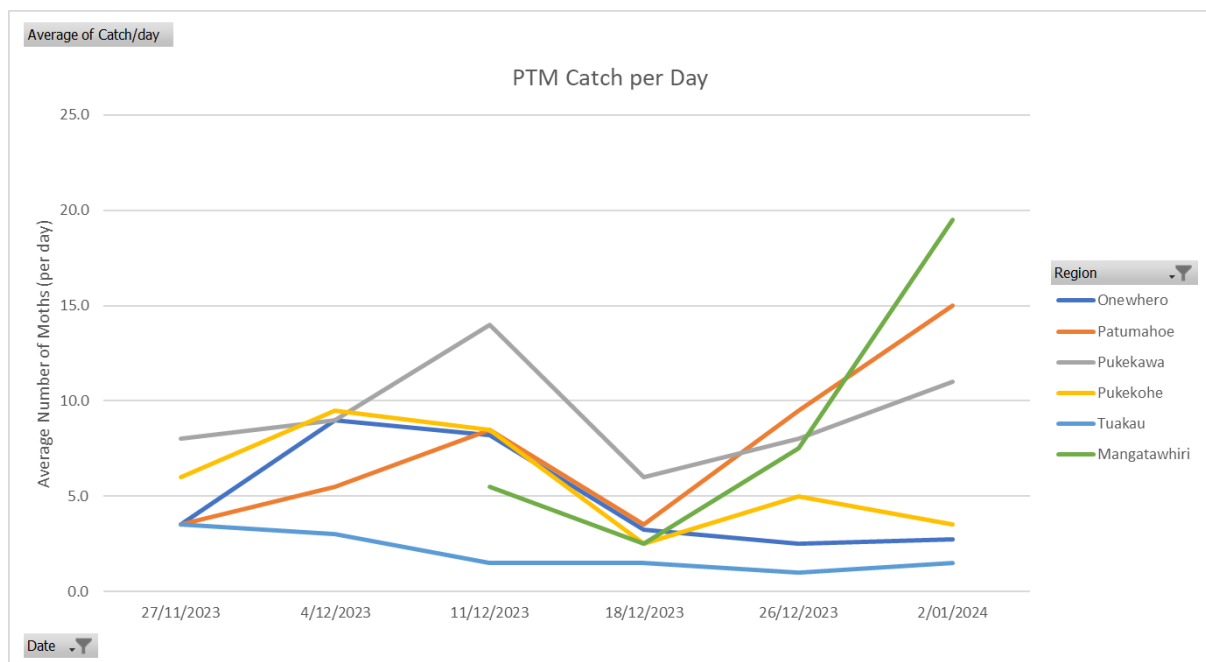


2024 Potato Tuber Moth

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 – January 2, 2024

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
26/12/2023	3	10	8	5	1	8	6	9	5
2/01/2024	3	15	11	4	2	20	3	4	7
Grand Total	4	7	8	6	3	9	3	5	6



The overall PTM pressure across the region has increased to 7 moth per day (up from 5 from 9). Mangatawhiri has had a step increase in numbers with 19.5 moth per day. Patumahoe (15 per day) and Pukekawa (11 per day) also have high risk numbers.

There is variable larva pressure in crops, which highlights the importance of in field crop monitoring. Keep monitoring your soil for cracking, as cracking soil give moth/ larvae a direct route to tubers.

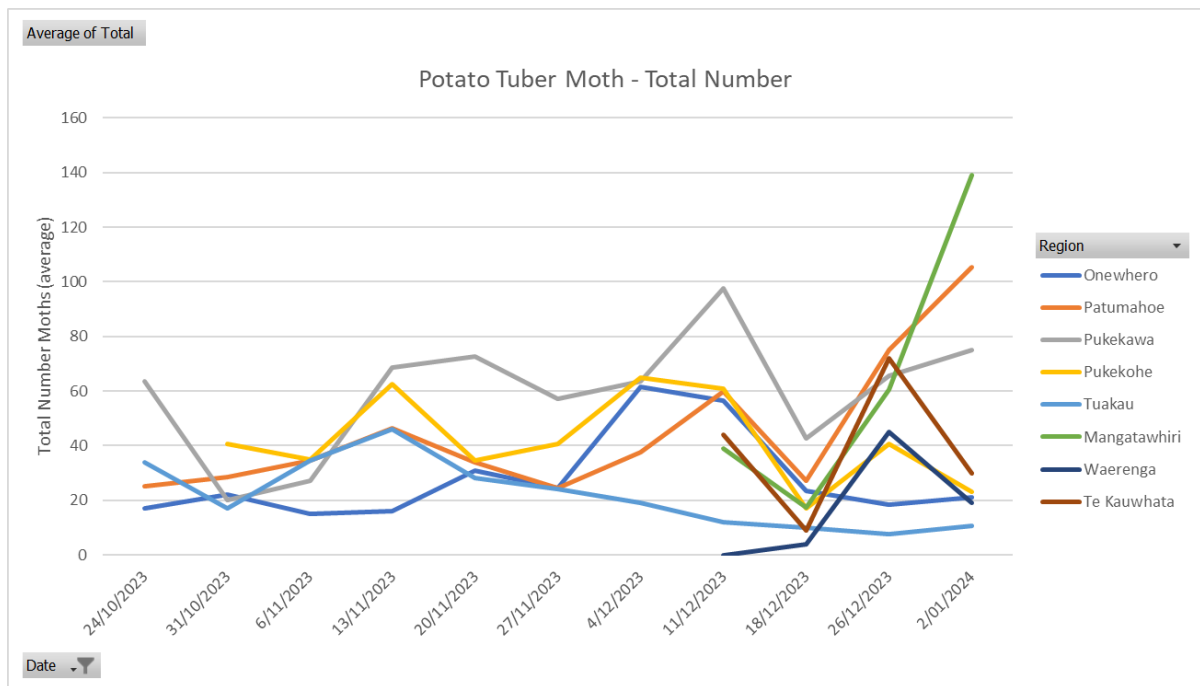
Moth Catch Risk Range

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	23.5	27	43	17	10	17.5	4	9	21
26/12/2023	18.25	75	66	41	8	60.5	45	72	43
2/01/2024	21	106	75	23	11	139	19	30	51
Grand Total	30	46	59	42	22	64	17	38.75	40



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.