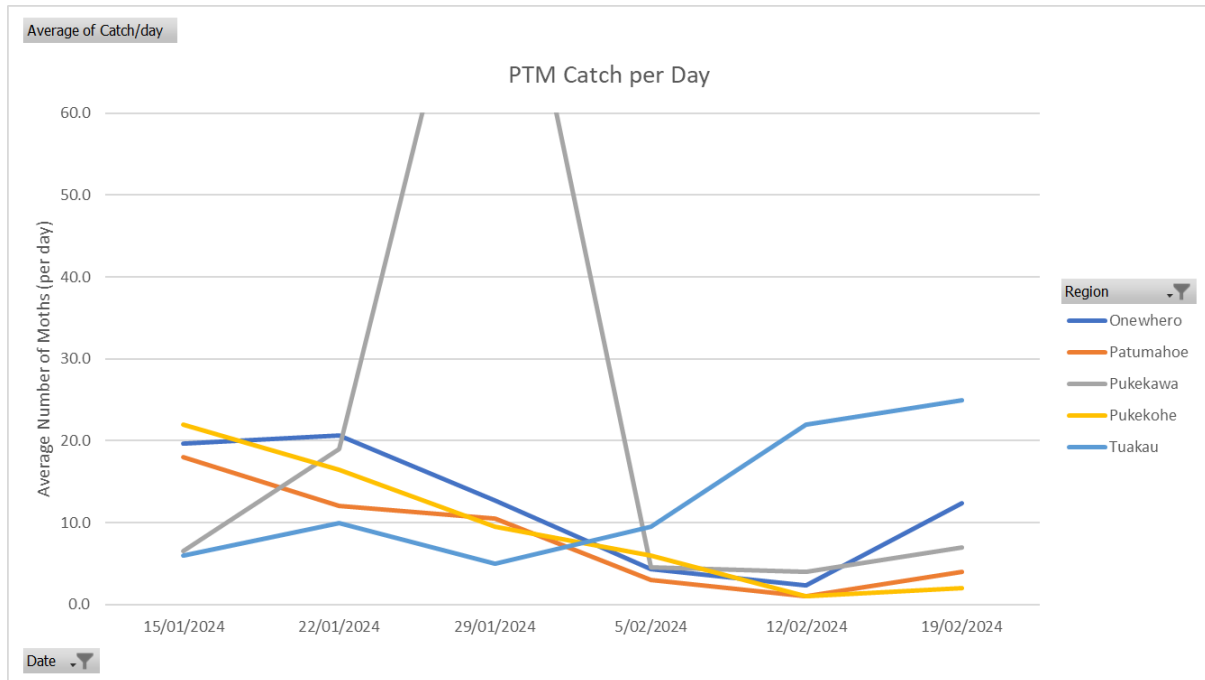


2024 Potato Tuber Moth

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 – February 19, 2024

Catch per day						
Average of Catch/day	Column Labels					
Row Labels	Onewhero	Patumahoe	Pukekawa	Pukekohe	Tuakau	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	8
18/12/2023	3	4	6	3	2	3
26/12/2023	3	10	8	5	1	5
2/01/2024	3	15	11	4	2	6
9/01/2024	5	13	9	4	3	6
15/01/2024	20	18	7	22	6	15
22/01/2024	21	12	19	17	10	17
29/01/2024	13	11	96	10	5	25
5/02/2024	4	3	5	6	10	6
12/02/2024	2	1	4	1	22	5
19/02/2024	12	4	7	2	25	10
Grand Total	7	7	13	8	5	8



The overall PTM pressure across the region has increased to an average of 10 moth per day (up from 6). Tuakau has increased slightly to 25 moth per day (up from 22) which remains at a very high pressure. Onewhero has increased to 12 moth per day (up from 2). All other areas monitored have remained below the higher risk of 10 moth per day.

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 gives moth/ larvae a direct route to tubers.

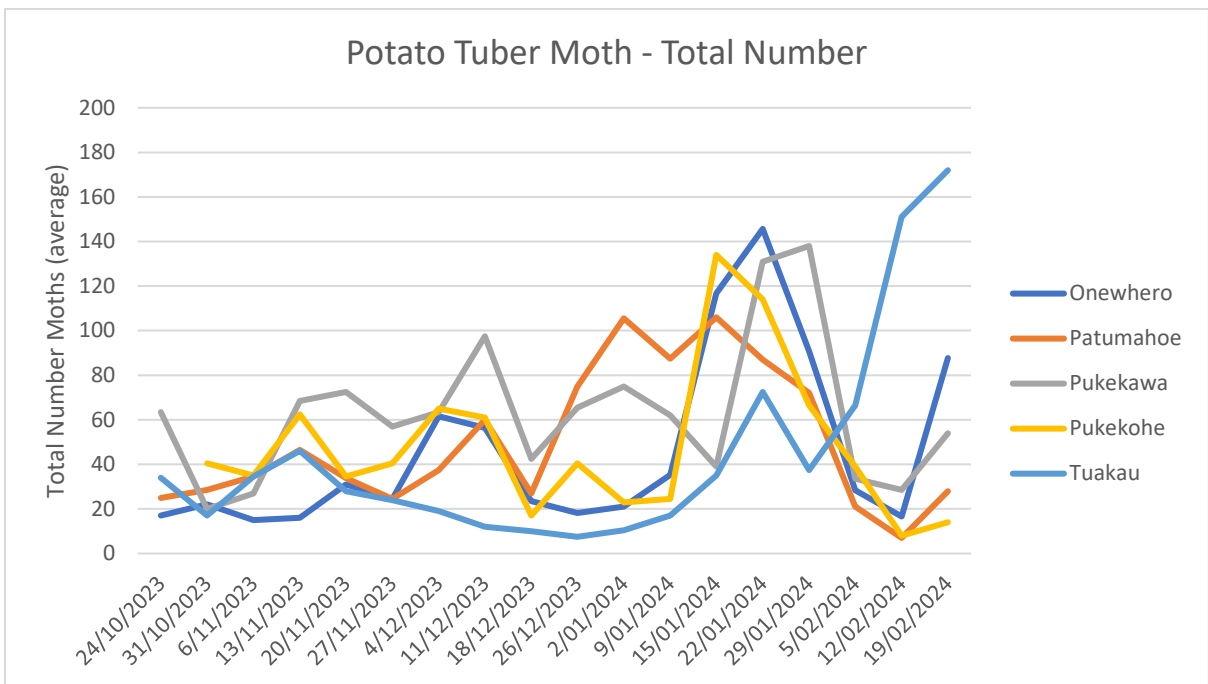
Moth Catch Risk Range

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	25	25	57	41	24	34
4/12/2023	62	38	64	65	19	49
11/12/2023	56	60	98	61	12	57
18/12/2023	24	27	43	17	10	24
26/12/2023	18	75	66	41	8	38
2/01/2024	21	106	75	23	11	40
9/01/2024	35	88	62	25	17	44
15/01/2024	117	106	39	134	35	87
22/01/2024	146	87	131	114	73	116
29/01/2024	91	72	138	67	38	82
5/02/2024	28	21	34	39	67	38
12/02/2024	17	7	29	8	151	34
19/02/2024	88	28	54	14	172	73
Grand Total	48	51	63	51	37	50



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.