

Integrated pest management for potato tuber moth

—November 1998

A report prepared for
Vegfed

T Herman
December 1998

Confidential
Copy 10 of 10
Circulation of this report is restricted. Consult the author and
the Institute's Scientific Editor about obtaining further copies.
This report may not be copied in part or full.

*New Zealand Institute for Crop & Food Research Limited
Private Bag 4704, Christchurch, New Zealand*



CropInfo Confidential Report No. 559
**Integrated pest management for
potato tuber moth**
T Herman

Project title: **Integrated pest management for potato tuber moth**

Contract No: **VPG502**

Business: **New Zealand Vegetable and Potato Growers Federation (Vegfed)**

Institute: **New Zealand Institute for Crop & Food Research (Crop & Food Research)**

Report for: **November 1998**

Stage 3 (October 1998 - September 1999)

Integration and implementation of the IPM technology

Field sites were set up this month for the new season of research. We are testing a prototype of the IPM programme in six crops, three in Opiki and three in Matamata. In each crop, PTM populations in IPM sites (larger than in previous seasons) within crops will be directly compared to populations in the rest of the crop. Pheromone traps have been set up on both sides of each crop and crop scouting is being conducted on both halves. The prototype IPM programme will be used to manage PTM in the IPM sites while growers will follow their 'normal' practices for PTM management in the rest of the crop.

Two casual staff started working for me during November. Sarah Legg will work with me full time at Lawn Rd while Caryl Coates will work one day a week and will carry out most of the Matamata field sampling for me.

Other activities during November

- I prepared a poster for the 14th triennial conference of the European Association for Potato Research. The conference is to be held in Sorrento, Italy, in May 1999. The poster has been accepted and I am now actively applying for funding to attend this conference
- I assisted a number of growers and consultants, who have contacted me recently, to purchase the recommended pheromone traps.

Tim Herman

TBG Project: Integrated pest management for potato tuber moth
 Contract Number: VPG502

Grower/Processor time in-kind contributions, November 1998.

Date	Name	Task	# hours	value
21/10	Heinz-Wattie growers (15) + Mackintosh, Davis	PTM control and forecast for the coming season	2	\$1840.00
4/11	Chapman	Discussion on pheromone traps and sourcing the recommended trap	0.5	\$85.00
6/11	R. Wood (consultant)	Discussion on pheromone traps and sourcing the recommended trap	0.5	\$50.00
	Spencer, Taylor, +1 (ASW)	Setting up two field sites and the management of PTM	2.0	\$300.00
	Pollard (COEL)	Setting up field site and the management of PTM	1.5	\$75.00
12/11	Taylor, Pollard	Field reports (2+1)	1.0	\$50.00
18/11	Atkinson (consultant)	Discussion on pheromone traps and sourcing the recommended trap	0.5	\$50.00
20/11	Taylor, Pollard	Field reports (2+1)	1.0	\$50.00
23/11	Miers	Revision of 1997/98 results, planning 1998/99, set up field site	3.0	\$150.00
	Moleta, Fraser	Set up field site	1.5	\$150.00
27/11	Taylor, Pollard	Field reports (2+1)	1.0	\$50.00
			sub total	\$2850.00
Other				
	Processor - grower liaison		7.0	\$609.33
	Project team (9 reps)- Sept. end of year report @ 1.5 hours		13.5	\$937.50
	Project team (9 reps)- Oct. progress report @ 0.25 hours		2.25	\$156.25
			TOTAL	\$4553.08

Chapman, Wilcox, Julian @\$85/hour

Spencer, Taylor, Pollard, Moleta, Fraser, Miers, Wood @\$50/hour

Processors @\$85/hour (Mackintosh and Davis)

Project team 5 reps @\$85/hour, 4 reps @\$50/hour

TBG Project: Integrated pest management for potato tuber moth
Contract Number: VPG502

In-kind contributions, Year 3

	Budget	This month	Total to date
Growers	\$31 000	\$4 043.49	\$5 020.99
Processors	\$ 9 500	\$ 509. 59	\$ 949.59
(executive)	(\$12 500)	?	?
TOTAL	\$53 000	\$4 553.08	\$5 970.58

TBG Project: Integrated pest management for potato tuber moth
Contract Number: VPG502

Invoice information

Period: November 1998

Item			Cost
Labour	Tim Herman	113.5 hours	
	_____	____ hours	
	casual staff	39 hours	
		total	\$8 138.50
Overheads			\$2 484.00
Operating			\$227.70
		subtotal	\$10 850.20
		GST	\$1 356.28
		TOTAL	\$12 206.48

Tim Herman
Crop & Food Research



