

Hawke's Bay Annual Work Plan 06/07

Hawke's Bay Focus Vineyard Budget - period from 1 July 2006 to 30 June 2007.

Projects	Funds allocated in 06/07 (incl GST)
Cash funding available for 2006/07	\$92,546.31
Vineyard soil quality project – Crop & Food	\$11,031.25
Soil amendment trial – Agconsult	\$11,279.14
Economic benchmarking project – AgFirst	\$10,125.00
Botrytis trial in Hawke's Bay – Geelen Research	\$3,656.25
Botrytis trial in Gisborne – Geelen Research	\$4,218.75
Vineyard plants and biocontrol project – Heather Collins	\$1,125.00
Other research funding	\$2,860.92
Regional project management	\$22,500.00
Tech transfer - field days	\$20,000.00
Tech transfer - website	\$0.00
Tech transfer - publications	\$2,000.00
Travel to Marlborough	\$1,500.00
Project survey allowance	\$2,250.00
Total	\$92,546.31

Summary Table

Milestone	Description	Date Expected	Actual date of completion	Comments
1	Research Committee meetings to plan research programme for Year 3	Aug 06		
2	Article in Vitis Informus Economic benchmarking project begins	Sept 06		
3	First set of measurements taken for vineyard plants/biocontrol project	Oct 06		
4	Field Day Article in Vitis Informus Lay down botrytis control trial	Nov 06		
5	Petiole and blade tests taken for soil amendment trial Crop & Food soil quality project finished Report on economic benchmarking finished	Dec 06		
6	Second set of measurements taken for vineyard plants/biocontrol project	Jan 07		
7	Article in Vitis Informus HB Article in NZ Winegrower magazine Interim botrytis report finished Field Day/Walk	Feb 07		
8	Third set of measurements taken for vineyard plants/biocontrol project Assessment of botrytis field trial Assessment of soil amendment field trial	Mar 07		
9	Soil biological tests, saturated soil paste analysis and soil compaction tests taken	April 07		
10	Article in Vitis Informus	May 07		
11	Final Field Day Final report on botrytis trial Final report on soil amendment trial Final report on vineyard plants/bio control project	June 07		

Soil Quality Project Work Plan 05/06 & 06/07				
Project Leader: Jeff Reid - Crop & Food				
Committee Representative: Mal McLennan				
Objective: To benchmark current soil management practices, determine soil-related issues the Hawke's Bay Focus Vineyard could address, and identify suitable vineyards for a soil quality monitoring project				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Selection of vineyards to conduct physical measurements of soil quality	Oct 05		
2	Measurements taken on selected vineyards of: Soil organic matter, soil aggregate stability, soil aggregate size distribution, soil bulk density, penetration resistance, soil texture, nutrient availability and active carbon	Oct 05		
3	Final report available	Dec 06		
4	Article written for Vitis Informus	Feb 07		
5	Presentation at field day	Jun 07		

Improving Soil Quality Through Use of Soil Amendments Project Work Plan 05/06 & 06/07				
Project Leader: Gerard Besamusca – AgConsult Ltd				
Committee Representative: Jonathan Hamlet				
Objective: To evaluate the effects of several soil amendments on grape quality and yield, vine health and vigour as well as a number of soil parameters				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Soil biological tests taken	Jan 05		
2	Finalise treatments and trial sites for 05/06 phase	Oct 05		
3	Lay down field trial	Nov 05		
4	Petiole and blade tests taken	Dec 05		
5	Field walk	Feb 06		
6	Petiole and blade tests taken Kg/vine, berry size, bunch weight, bunch length, brix, TA and pH measured	Mar 06		
7	Soil biological tests, saturated soil paste analysis and soil compaction tests taken	April/May 06		
8	Year 1 report produced	May 06		
9	Technology transfer of results at field day	Jun 06		
10	Tasting of microvin wines held	Aug 06		
11	Petiole and blade tests taken	Dec 06		
12	Field walk if differences between treatments are observable	Feb 07		
13	Petiole and blade tests taken Kg/vine, berry size, bunch weight, bunch length, brix, TA and pH measured	Mar 07		
14	Soil biological tests, saturated soil paste analysis and soil compaction tests taken	April 07		
15	Final report finished Presentation of results at final field day	Jun 07		

Economic Benchmarking Project Work Plan 06/07

Project Leader: Carla Emms – AgFirst Consultants

Committee Representative: Larry Morgan

Objective: To produce benchmarks for the cost and profitability of growing Chardonnay, Sauvignon Blanc, Merlot and Cabernet Sauvignon in Hawke's Bay in 2005/06

Milestone	Description	Date Expected	Actual date of completion	Comments
1	Develop a data collection template for recording information	Sept 06		
2	Make any necessary changes to database to hold and analyse information	Sept 06		
3	Distribution of surveys	Sept 06		
4	Collection of surveys	Oct – Nov 06		
5	Input and analysis of data Individual reports sent to each grower Economic benchmark standards created for each variety/wine value	Dec 06		
6	Final report finished	Dec 06		
7	Results published in Vitis Informus and NZ Winegrower	Feb 07		
8	Presentation of results at final field day	June 07		

Soft Botrytis Control in Grapes Work Plan 05/06 & 06/07				
Project Leader: Andre Geelen – Geelen Research				
Committee Representative: Emma Taylor				
Objective: To evaluate various biological control agents as late season control agents for Botrytis bunch rot. Trial sites in Hawke's Bay in 05/06, Hawke's Bay and Gisborne in 06/07.				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Finalise treatments, trial sites and trial setup for 05/06 trial	Oct 05		
2	Lay down field trial	Nov 05		
3	Interim field report	Dec 05		
4	Field walk	Feb 06		
5	Assessment of botrytis severity and incidence Assessment of phytotoxic effects	Mar 06		
6	Residue testing if required Decision made whether to microvin	Mar-April 06		
7	Final report produced for 05/06 trial	April 05		
8	Technology transfer of results at next FV field day	Jun 06		
9	Finalise trial set up for 06/07	Aug 06		
10	Lay down field trials in HB and Gisborne	Nov 06		
11	Samples taken to lab determine resident botrytis levels in bunches	Jan 07		
12	Interim field report due Field walk in HB (and possibly Gisborne)	Feb 07		
13	Assessment of botrytis severity and incidence Assessment of phytotoxic effects Possible yield assessment	Mar 07		
14	Final report produced Results presented at final field day in HB and field day in Gisborne	Jun 07		

Technology Transfer Work Plan 06/07

Project Leaders: Focus Vineyard Committee

Objective: To provide a technology transfer function for the Focus Vineyard project (and other industry research) both locally and nationally

Milestone	Description	Date Expected	Actual date of completion	Comments
1	Articles in local newspaper ' <i>HB Today</i> '	Coverage of major events		
2	Articles in Hawke's Bay industry publication ' <i>Vitis Informus</i> '	Quarterly (Every issue)		
3	Articles in national industry publication ' <i>New Zealand Winegrower</i> '	As required by national committee		
4	Field days	At least twice per year (February and Winter)		
5	Workshops/seminars	At least once per year (Oct/Nov)		
6	Focus Vineyard Committee meetings	Monthly or as required		
7	Attendance at Marlborough field days	Once per year (May/June)		
8	Website	Updated monthly		
9	FV Publications	At least one per year		
10	Dissemination of research project results	As per individual work plans		