

## Hawke's Bay Focus Vineyard Annual Work Plan 2005/06

Summary Table:

Milestone	Description	Date Expected	Actual date of completion	Comments
1	Research Committee meeting to plan research programme for Year 2	Aug 05		
2	Article in Vitis Informus Mealy bug fact sheet published Economic benchmarks produced Best practice guidelines for botrytis management produced	Sept 05		
3	Field Day – Botrytis Management Soil measurements taken for vineyard soil quality project	Oct 05		
4	Article in Vitis Informus Lay down botrytis control trial Lay down soil amendment trial	Nov 05		
5	Interim report on botrytis trial Petiole and blade tests taken for soil amendment trial	Dec 05		
6	Article in Vitis Informus HB Article in NZ Winegrower magazine Field Day/Walk	Feb 06		
7	Report on vineyard soil quality Assessment of botrytis field trial Assessment of soil amendment field trial	Mar 06		
8	Final report on botrytis field trial	April 06		
9	Article in Vitis Informus Year 1 report on soil amendment trial	May 06		
10	Winter Field Day	June 06		

### Budget for the Hawke's Bay Focus Vineyard for year ending 30<sup>th</sup> June 2006

Projects	Funds allocated in 05/06 (incl GST)
Cash income for 2005/06	\$118,615.75
Vineyard soil quality project – Crop & Food	\$13,500.00
Botrytis best practice project – HortResearch	\$16,492.50
'Soft' botrytis chemical trial – Geelen Research	\$10,125.00
Soil amendment trial – Agconsult	\$15,000.00
Mealy bug research – NZ Winegrowers/GGTG/HortResearch	\$5,625.00
Other research – microvin, beneficial insects, benchmarking etc	\$5,873.25
Regional project management	\$22,500.00
Tech transfer - field days	\$20,000.00
Tech transfer - website	\$3,000.00
Tech transfer - publications	\$2,000.00
Travel to Marlborough	\$2,250.00
Project survey allowance	\$2,250.00
<b>Total</b>	<b>\$118,615.75</b>

<b>Economic Benchmarking Project Work Plan</b>				
Project Leader: Carla Emms (AgFirst Consultants)				
Committee Representative: Larry Morgan				
<b>Milestone</b>	<b>Description</b>	<b>Date Expected</b>	<b>Actual date of completion</b>	<b>Comments</b>
1	Develop a data collection template for recording information	Dec 04		
2	Making changes to 'block profit' database to hold and analyse information	April 05		
3	Distribution of surveys	April/May 05		
4	Collection of surveys	May 05		
5	Input and analysis of data. Individual reports sent to each grower. Economic benchmark standards created for each variety/wine value	Jun 05		
6	Final report written. Publication of results: Presentation at field day/workshop, two articles for local/national publications	Jun 05		
7	Review of project with community group. Further analysis, ongoing data collection, project extension, tech transfer potential discussed Linking with Marlborough's financial benchmarking project	Jul/Aug 05		

<b>Soil Quality Project Work Plan</b>				
Project Leader: Andrea Pearson (Crop & Food)				
Committee Representative: Mal McLennan				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Written soil management survey distributed to Hawke's Bay grape growers	Feb 05		
2	Collection of surveys and collation of results	May 05		
3	Reporting of results to the Focus Vineyard committee	May 05		
4	Community group meeting to decide procedures for steps 2 & 3 of project	July 05		
5	Selection of vineyards to conduct physical measurements of soil quality – 2 soil types	Oct 05		
6	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		
7	Article written for Vitis Informus	May 06		
8	Final report available	Jun 06		
9	Presentation at field day	Jun 06		
10	Potential replicated small plot trials on commercial vineyards	2006/07		
11	Production of booklet on best management practice for vineyard soils	2006/07		

<b>Agrichemical Best Practice Management – Botrytis Project Work Plan</b>				
Project Leaders: Peter Wood & Sarah Gurnsey (HortResearch)				
Committee Representative: Mal McLennan				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Written botrytis control survey distributed to Hawke's Bay grape growers	June 05		
2	Collection of surveys	July 05		
3	Analysis of surveys, interviews with selected vineyards, interim report	July 05		
4	Completion of spray diary analysis and delivery of interim report	Aug 05		
5	Delivery of full report and best practise guidelines for Botrytis control	Aug 05		
6	Presentation of best practice guidelines at field day	Oct 05		
7	Inclusion of results in Vitis Informus magazine	Nov 05		

<b>Technology Transfer Work Plan</b>				
Project Leaders: Focus Vineyard Committee				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Articles in local newspaper/other media	Quarterly		
2	Articles in Vitis Informus	Quarterly (Every issue)		
3	Articles in NZ Winegrower	2 per year		
4	Field days	At least twice per year (February and Winter)		
5	Workshops/seminars	Presentations at HBGG Spring Seminars and as decided by FV committee		
6	Focus Vineyard Committee meetings	Monthly or as required		
7	Attendance at Marlborough field days	Once per year		
8	Website	Updated monthly		
9	Dissemination of research project results	As per individual work plans		

<b>Reducing residues using 'soft' botrytis fungicides - Project Work Plan</b>				
Project Leader: Andre Geelen (Geelen Research)				
Committee Representative: Emma Taylor				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Finalise treatments, trial sites and trial setup	Oct 05		
2	Lay down field trials	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	April 05		
8	Technology transfer of results at next FV field day	Jun 06		

<b>Improving soil quality through soil amendments - Project Work Plan</b>				
Project Leader: Gerard Besamusca (AgConsult)				
Committee Representative: Mal McLennan				
Milestone	Description	Date Expected	Actual date of completion	Comments
1	Soil biological tests taken	Jan 05		
2	Finalise treatments and trial sites	Oct 05		
3	Lay down field trials	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		
	Soil biological tests, saturated soil paste analysis and soil compaction tests taken	April/May 06		
7	Year 1 report produced	May 06		
8	Technology transfer of results at next FV field day	Jun 06		