

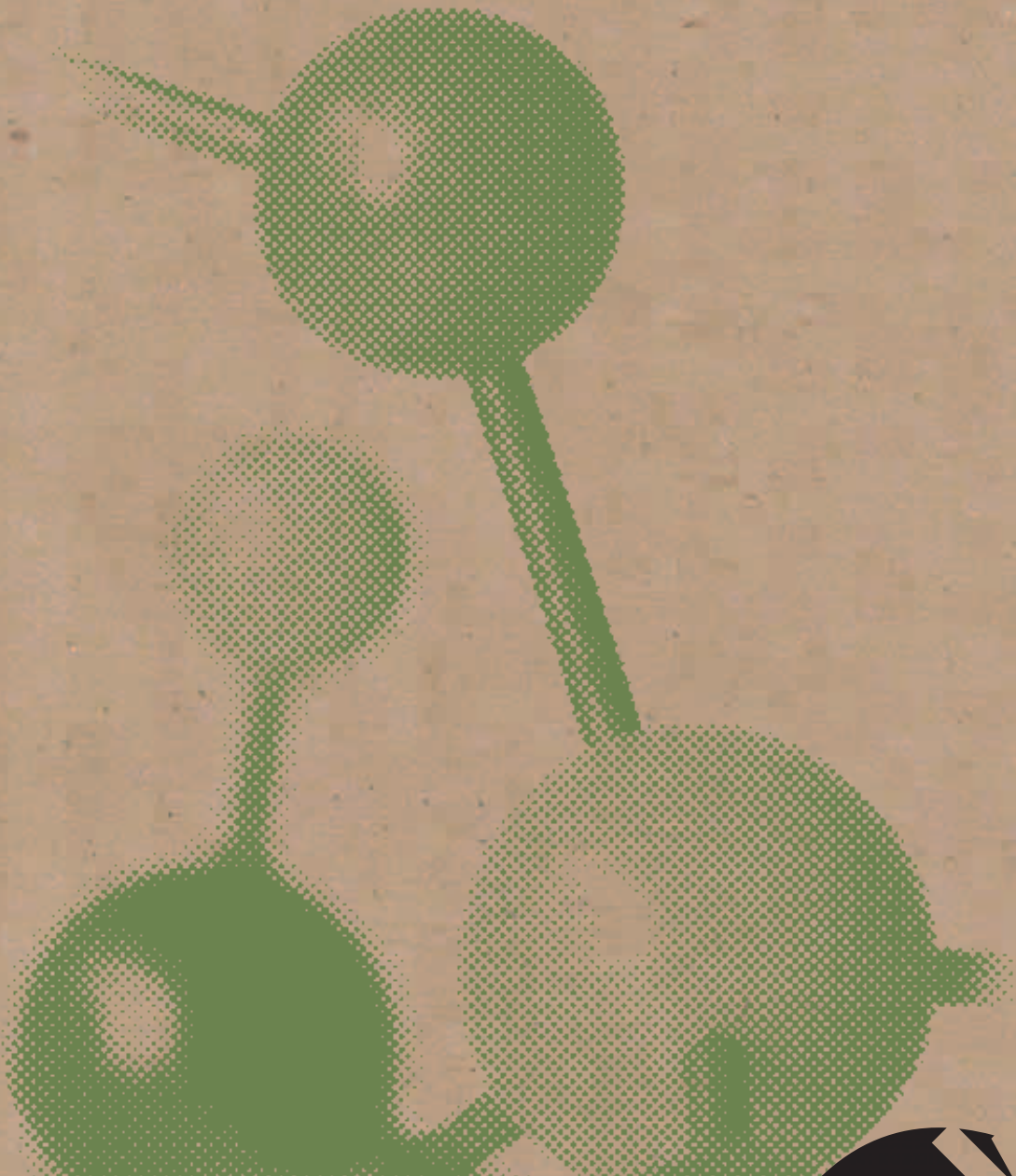
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Looking back Moving ahead

MARLBOROUGH RESEARCH CENTRE
of EXCELLENCE TRUST

ANNUAL REPORT 09/10







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MARLBOROUGH RESEARCH CENTRE TRUSTEES

John Marris		Chairman
Edwin Pitts		Trustee
Bernie Rowe	LL.B	Trustee
Gerald Hope		Executive Officer

MARLBOROUGH RESEARCH CENTRE BOARD MEMBERS

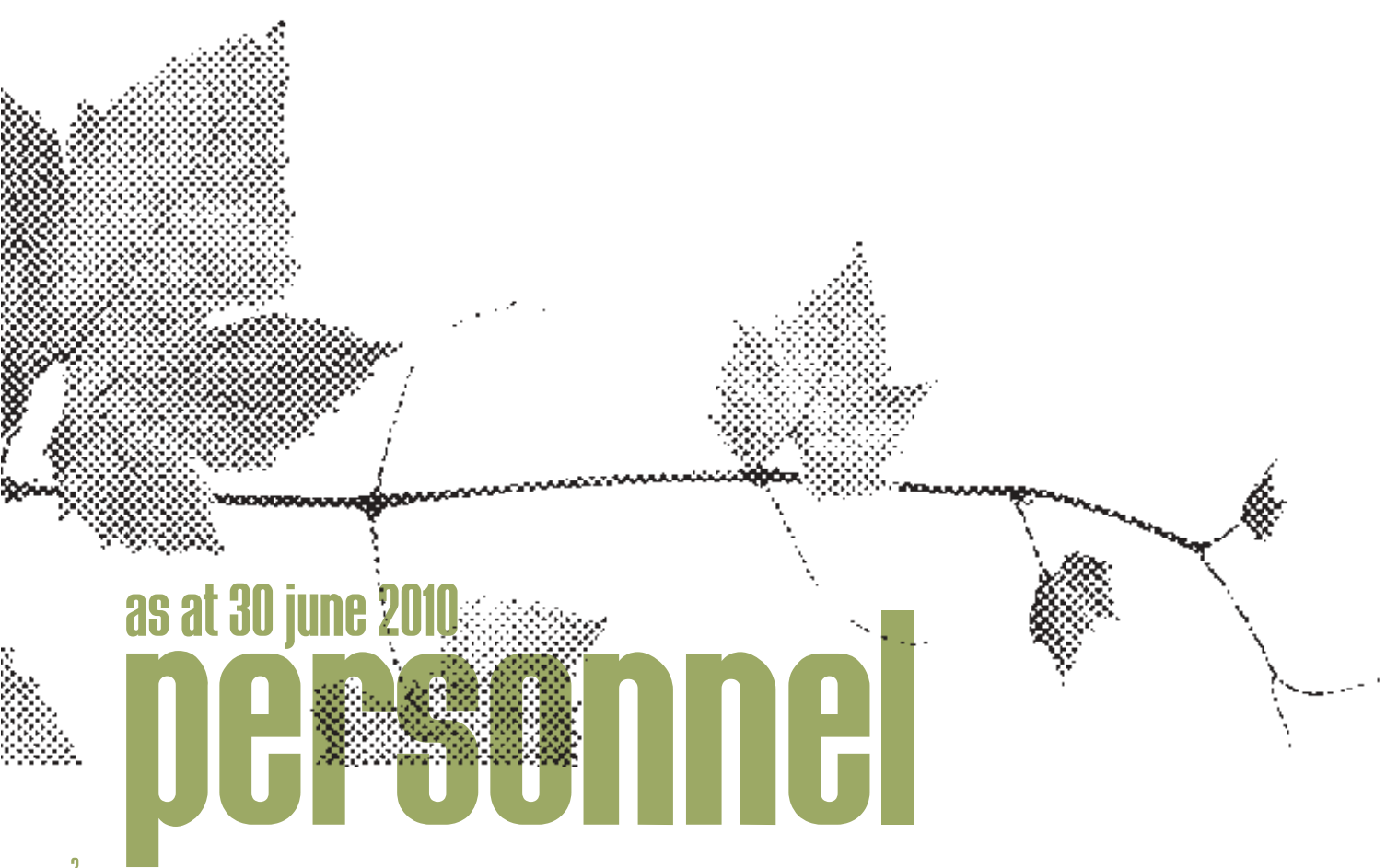
Ivan Sutherland	VFM, ANZIV	Chairman
Edwin Pitts		Deputy Chairman
Francis Maher		Marlborough District Councillor
Andy Frost	BSc (Hons)	Pernod Ricard New Zealand Ltd
Brian Jordan	BSc (Hons), PhD, MNZIFST, MRSNZ	Lincoln University
Philip Manson	BSc, DipBus	NZ Winegrowers
Bruce Campbell	B.Agr.Sc (Hons), PhD	Plant and Food Research
Lily Belabun	BSc, PhD (London)	Nelson Marlborough Institute of Technology

TRUST SUPPORT STAFF

Maree Way	Executive Administrator
Cherryl Fitzgerald	Financial Administrator

ROWLEY VINEYARD

Bruce West	Vineyard Manager
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as at 30 june 2010

personnel

MARLBOROUGH RESEARCH CENTRE

Plant and Food Research

Mike Trought	BSc (Hons), PhD	Principal Scientist
Carmo Vasconcelos	DSc, PhD,	Senior Scientist (Resigned)
Rob Agnew	BAgrSc	Liaison Scientist
Jeff Bennett	BSc (Hons), PhD	Scientist
Cherryl Fitzgerald		Site Services Administrator
Marc Greven	BAGSc (Hons), PhD	Scientist
Dion Mundy	BSc, MSc (Hons)	Scientist
Sue Neal	DipHort, DipFieldTech	Research Associate
Victoria Raw	BSc (Hons Agri), GDip(Vit)	Research Associate
Emma Sherman	BSc (Tech)	Research Associate
Kerrie Stronge	BSc, M.Appl.Sc (Hons)	Research Winemaker (Resigned)
Claire Grose	BSc Viticulture & Oenology	Research Associate Winemaker
Sybil Robertson	BSc (Hons), Dip.Vit & Oenology	Laboratory Technician n Viticulture (Resigned)
Trevor Skilton		Casual Technician
Bruce West		Casual Technician
Edwin Pitts		Casual Technician
Sharlene Haycock	BSc Viticulture & Oenology	Casual Technician
Margaret Roberts	BHSc	Casual Wine Technician

RMH & Associates

Richard Hunter	Dip Ag	Consultant
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Marlborough Winegrowers Assn Inc (Wine Marlborough)

Marcus Pickens	BCom, Dip.Com	Marketing Manager
Sarah Booker	Dip Mtkg	Events and Promotion Manager
Julia Hill	BSc (Hons)	Marketing Executive

Sustainable Winegrowing NZ

Sally van der Zijpp	M.Appl.Sc (Hons)	National Coordinator
Rowan Pettigrew		Administration Assistant
Courtney Haymes	BDes (Hons)	Data Entry Assistant

GROVETOWN PARK

AsureQuality Limited

Peter Brunnsden

Ministry of Fisheries

Compliance - Liz Murray
Operations - Judith McDonald

Cawthron

Sam Murray

NZ Food and Safety Authority
Brian Roughan

Fish and Game Limited

Vaughan Lynn

P F Olsen and Company Limited
Rob Lawrence

Jim Tannock Photography

Jim Tannock

Pacific Rim Oenology Services Limited
Debra Hedley

Marlborough Travel

Chris and Sue Godsiff

Vector Free
Barry Polsen

**MARLBOROUGH
RESEARCH CENTRE
TRUST**

TRUSTEES
John Marris - Chair
Bernie Rowe
Edwin Pitts

**MARLBOROUGH RESEARCH
CENTRE BOARD**
Policy and Funding

EXECUTIVE OFFICER
Gerald Hope
(03) 577 2377 or 027 433 1059

ROWLEY VINEYARD
10ha Sauvignon Blanc
Rowley Crescent
Grovetown

**MARLBOROUGH
RESEARCH CENTRE**
85 Budge Street, Blenheim

GROVETOWN PARK CAMPUS
S.H. 1, Grovetown
Commercial Campus

RESEARCH AND EDUCATION COLLABORATORS

Lincoln
University

University of
Auckland

Nelson
Marlborough
Institute of
Technology

**MARLBOROUGH RESEARCH
CENTRE TENANTS**

**PLANT & FOOD
RESEARCH**

**SUSTAINABLE WINEGROWING
NEW ZEALAND**

WINE MARLBOROUGH

RMH & ASSOCIATES

NMIT

**GROVETOWN PARK CAMPUS
TENANTS**

ASUREQUALITY LTD

CAWTHRON

FISH AND GAME NZ

JIM TANNOCK PHOTOGRAPHY

MARLBOROUGH TRAVEL

**MINISTRY OF FISHERIES
Compliance & Operations**

NZ FOOD SAFETY AUTHORITY

PF OLSEN & COMPANY LTD

**PACIFIC RIM OENOLOGY SERVICES
LTD**

VECTOR FREE

organisational
structure

As the Research Centre moves through its 26th year, it has achieved significant growth and maturity in its role and purpose, particularly over the last decade. It is timely then that, this year, efforts are made to measure the tangible impact of its progress and achievements and, most importantly, to determine its economic value to the region.

We note that original projections for the Wine Research Centre estimated its economic benefit to Marlborough was likely to be in the range of \$38M-\$154M (2001 dollar value).

Since then, the Centre's research programme has matured, undoubtedly improving viticulture practices in Marlborough, raising understanding of premium grape growing to the greater benefit of the region.

Therefore the Trust is considering the merit of commissioning another economic assessment report to measure the Centre's actual impact on the regional economy.

One of the major strengths of the Trust has always been its ability to respond to new initiatives which have potential added value for the region.

The exceptional nature of the Research Centre's role within Marlborough was recognised this year when it was selected as one of only two case studies, alongside Manukau City's Highbrooke Business Park, for an in-depth study by Business Economic Research Limited (BERL), funded by Local Government New Zealand.

BERL'S report was presented at the Local Government annual conference in Auckland to an audience familiar with regional economic drivers and the valuable role local councils can play encouraging investment in local research.

It is noteworthy that the Marlborough District Council is now the only local authority in New Zealand directly linked to a research organisation. The Trust acknowledges the Council's continued firm financial commitment to the Centre's research programme, dating back to 1984.

One of the major strengths of the Trust has always been its ability to respond to new initiatives which have potential added value for the region.

An excellent recent example is the NZ Dryland Forests Initiative which is investigating the selection and breeding of eucalypts as a source of high quality hardwood for New Zealand, discussed more fully elsewhere in this report.

After an initial investment of \$10,000 by the Trust this programme has expanded, gaining AGMARDT funding of \$80,000 in 2008 and, this year, attracting support of \$399,000 from the MAF Sustainable Farming Fund.

This is an extraordinary achievement. The seed funding from the Trust and support from the District Council and local Marlborough Lines Limited has generated a research project within Marlborough valued at \$1.1M.

It's a positive achievement in a year when a tight lid has been kept on research spending.

It is also pleasing to report that the Trust's operating account is in satisfactory shape despite a difficult year. But, as signalled in last year's report, research spending for the last 12 months has been limited by a need for financial constraint given the record level of allocations in 2008-09 and the lack of income from grape sales.

Grants for 2009-10 were pruned back to a total of \$107,060.

The Board has implemented the preferred practice of protecting income sources such as rentals and interest earning investments while directing research dollars where they are able to leverage further funding from other sources, as in the Dryland Forests Initiative.

At all times, Trustees have been acutely aware of maintaining the asset base built up over recent years. For example, further investment in existing and new buildings at Budge Street and at Grovetown Park has been based on demand.

However, since relocating to the new site at Budge Street and establishing the Wine Research Centre, substantial expenditure has been required, both to build capability and to fund local research programmes.

During the past year the Trust has drawn on cash reserves to build the Ministry of Fisheries storage shed at Grovetown Park. MFish required a large purpose-built storage shed to house specialised plant and equipment in a secure environment. The design and construction, designed by Smart Alliances and built by Haack Construction Limited, topped \$100,000. The building is a significant addition to the Grovetown Park campus and we are satisfied the return on capital has produced a better result than would have been delivered by term investment interest rates.

Further improvements at modest cost have been made to the Molesworth meeting room at Grovetown Park with a new office subdivided from that space. This allows for an additional future tenant or more space for a member of the existing group.

Currently Grovetown Park is at maximum occupancy. Expansion will be required if Cawthron Laboratory continues to expand. The main research campus at Budge Street is also at maximum capacity.

trust
report

The Trust has not re-visited a previously reported decision to shelve the \$500,000 expansion although this will have to be reviewed if a new tenant is confirmed or the research group increases in size.

To protect core revenue sources, full occupancy of the Trust's buildings is vital. Therefore the 14 diverse tenant groups are managed in a way which addresses individual needs in order to secure consistent occupancy.

Rental reviews have recently been completed. An independent registered valuer confirmed that increased rents were appropriate to bring rates into line with the current market for commercial office space and specialist laboratory areas. It should be noted that some tenancies had been set with a three year review date, leaving them well below the current market. The adjustments will bring rental yield up to full value.

LIQUORLAND TOP 100 WINE FELLOWSHIP

Liquorland's sponsorship enables the MRC scientists to maintain valuable contact with their international peers. During the last year, CSIRO scientist Rob Bramley visited from Australia to work alongside Dr Mike Trought, researching vineyard variability within the region in what is understood to be the first attempt at combining spatial analysis of vineyard variability with information about phenology and fruit maturation.

SUSTAINABLE FARMING FUND PROJECT MANAGEMENT REPRESENTATIVES VISIT

The MRC's emerging new relationship with the SFF received a boost with a familiarisation visit by the Fund's project advisers and administrators. The team was keen to be briefed on the MRC's programme and its capacity. The MRC and the SFF are already co-funders in locally based research and there is enthusiasm for exploring future opportunities.

FINANCIAL HIGHLIGHTS

With the recession beginning to bite into the Marlborough economy at the latter stage of 2008 the Trust board implemented various measures to counter-balance the poor result from the previous financial year ending June 2009.

The previous year's deficit of \$222,239 was largely attributable to the massive reduction in grape prices on previous years.

In respect of the cumulative financial performance over the past two years, Trustees are comfortable with a combined operating loss over that period from the vineyard operation of \$21,000, given an expectation that future returns will improve.

It is pleasing to report an improved result; a surplus of \$17,824 for the year ending June 2010.

Primary sources of income for the Trust are the longstanding Marlborough District Council grant of \$130,000 (\$110,000 available for allocation) with other revenue from vineyard surplus, rent and interest from term investments.

With the previously mentioned financial constraints, research allocation for this period was reduced to \$107,060.

No contract was secured for the 2010 vintage from Rowley Vineyard and a confirmed sale looked unlikely in the depressed market for Sauvignon Blanc. This block was set up to produce high quality fruit based on a lighter than normal crop. Total production from the vineyard was 50 tonnes which pushed the viability of the operation below profitability. A buyer was finally found for the grapes harvested in April 2010, albeit at a price that is unsustainable for future years.

The recently developed adjoining block was due to produce its first crop. However, to save seasonal costs, the new vineyard was rested.

No crop harvested from new vineyard planting.

Lower interest rates from investments have also impacted on returns from the reserve funds held in term investments at BNZ and Kiwibank.

Budge Street Campus also provides a less than optimal rental return due to NMIT paying a peppercorn rent only on such a large proportion of the area able to be leased.

Reviewed rentals commencing July based on current valuation will deliver a higher return.

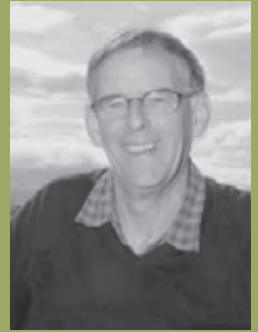
Once surpluses are restored, the level of investment into local research will increase.

RESEARCH FUNDING ALLOCATIONS 2009-2010	
Meteorological Services	
Met Summaries	3,560
Share of Met data	6,000
	9,560
Plant Materials	20,000
Changing bunch architecture	10,000
Student Support	7,500
SFF - Trunk Health	15,000
AGMARDT	10,000
RMH and Associates	35,000
	\$107,060
MRCT Net allocation	\$107,060

The Trustees have shepherded the Marlborough Research Centre through a financially testing period which has obliged the Trust to pare back research investment to the minimum acceptable level. We would hope to be in a position to increase the research allocation in the next financial year to ensure that viable new projects are not left stranded.

However restraint is likely to be the catchcry for the medium term, until further surpluses are returned from Rowley vineyard.

John Marris
Chairman
Marlborough Research Centre Trust



It is gratifying to see, in such a hard economic climate, continuing support for research and development and we are delighted that our seeding investments are bearing such prolific fruits.

The decision by FORST to renew the Sauvignon Blanc research funding delivers continuing security to our research team, confirming their work programme. Equally importantly, it is an endorsement of the Research Centre's pre-eminent role in grape research.

The commitment by the SSF to the eucalypt project is an important milestone for the Research Centre because this project is taking our research in a new direction, beyond grapes. What began as a search for more durable vineyard posts for our vineyards may yet prove to have implications for the timber industry and even the exciting possibility of establishing a new crop for Marlborough's dryland farmers.

We should not forget that research is a long term exercise that has to continue regardless of the highs and lows of the economic cycle.

John Marris
Chairman
Marlborough Research Centre Trust



trust chairman's
report



The Marlborough Research Centre is now well recognised nationally and internationally for its high quality research. This is clearly substantiated by the decision to extend our Sauvignon Blanc research project for another six years along with numerous requests for our staff to present at various conferences and seminars.

The global recession, along with adverse exchange rates, has created difficult trading conditions for many primary producers associated with export. Certain sectors of the wine industry are feeling immense financial pressure. Abnormally low grape prices are affecting the financial viability of some growers and this will impact heavily on Marlborough's current and ongoing economic prosperity.

However, the Research Centre, through its well qualified and knowledgeable staff and their significant research projects and informative seminars, will continue to assist economic development within the region and deliver great benefit to the wine industry at a local and national level.

Ivan Sutherland
Chairman
Marlborough Research Centre Board

board chairman's
report

NZDFI NEW ZEALAND DRYLAND FORESTS INITIATIVE breeding tomorrow's trees today

The New Zealand Dryland Forests Initiative, an R&D project to grow durable eucalypt forests in this country, has taken a major step forward in the last year, winning significant new funding for its next phase.

What began seven years ago as an investigation into an alternative source of timber vineyard posts is now a million-dollar programme, the largest eucalypt forest research project in the country.

Based at the Marlborough Research Centre and supported by Proseed, the NZ Farm Forestry Association and the national School of Forestry, the potential of the project has captured the imagination and the support of farm foresters and wine growers, five regional councils and Marlborough's local electricity lines company as well as a number of landowners.

As well as providing a durable hardwood for a range of uses, rapidly growing eucalypts are an eligible species for the Ministry of Agriculture and Forestry Afforestation Grants Scheme and Emissions Trading Scheme. They offer a sustainable land use option, combating soil erosion by their rapid regeneration after felling or burning and some species provide nectar for native birdlife and bees.

The NZDFI tree breeding programme, focused on five species of eucalypts, is well underway.

Using thousands of seeds collected from Australia, breeding populations are being nurtured for testing in order to identify the trees with the best genetics for New Zealand conditions, looking for such qualities as rapid growth, good form and early heartwood formation as well as durability.

The project aims to establish New Zealand as a world leader in the breeding of durable eucalypt species and to create a supply of high quality hardwood for the domestic and, potentially, the international market.

Early in 2010, the project received significant affirmation; MAF approval for a \$399,000 grant from the Sustainable Farming Fund spread over the next three years.

That SFF grant helped to secure a range of other financial support, to a total of \$320,000 in cash and supplemented by an additional \$300,000 plus of 'in kind' contributions.

The new funding has allowed the tree breeding programme to expand beyond Marlborough into a nationally significant multi-species research programme extending into some of New Zealand's driest regions from Canterbury north to the Wairarapa, Gisborne and Hawke's Bay.

Project manager, forestry consultant Paul Millen, says the SFF grant will be used to establish breeding populations for three more species in 2011, bringing the total planting up to 60,000 trees at up to nine sites, far more than was initially envisaged.

'The new funding has enabled us to eliminate a big element of risk from this project. The number of different species means we have a much broader programme to take us toward our target of developing a range of genetically improved varieties that are best adapted to producing high quality timber in our dryland conditions.'

What began seven years ago as an investigation into an alternative source of timber vineyard posts is now a million-dollar programme, the largest eucalypt forest research project in the country.

He says it was the Marlborough Research Centre which gave the project its initial impetus, with the Centre providing advice and hosting the initial discussions, and then facilitating the linkages between the forestry researchers and wine sector by hosting workshops and science meetings.

'It was a far-sighted commitment to a project that began with the simple target of finding a superior quality vineyard post but which has grown into a tree breeding programme which has exciting long term prospects for our forestry sector and timber export industry.'

NZDFI Chairman Shaf van Ballekom says the Marlborough Research Centre's role has been key to the great progress being made with the eucalypts project.

'It's a wonderful facility managed by very professional people and is allowing the NZDFI to focus its efforts on science and trial work. Overheads are kept to a minimum because the administration of the project by MRCT staff is done efficiently and effectively. It's a pleasure to work with staff who are also taking such a keen interest in the outcomes of the project.'

While the world continues to reel during an extended period of financial uncertainty, the need to continue the invaluable research for the future of the industry and our economy as a whole, has never been more vital or more keenly scrutinised.

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14	Research Operating Accounts
15	Trust Revenue and Expenditure Account
16	Balance Sheet
17	Asset and Depreciation Schedule
18	Notes to Accounts

financial
reports
for the year ended 30 june 2010

Trustees John Marris
 Edwin Pitts
 Bernie Rowe

Executive Officer Gerald Hope

Nature of Business Administration of research projects

Location 85 Budge Street
 Blenheim

Auditors Angela Wood
 Chartered Accountant
 PO Box 777
 Blenheim

Solicitors Gascoigne Wicks
 PO Box 2
 Blenheim

Bankers Bank of New Zealand
 92-94 Market Street
 Blenheim



directory



Level 1, Youell House T: 03 577 8336
 1 Hutcheson St F: 03 577 8337
 PO Box 777 E: wood@woodca.co.nz
 Blenheim 7240

AUDIT REPORT
To the Readers of the Financial Report of
MARLBOROUGH RESEARCH CENTRE OF EXCELLENCE TRUST

I have audited the financial report on the accompanying pages. The financial report provides information about the past financial performance of the Trust and its financial position as at 30 June 2010. This information is stated in accordance with the accounting policies set out in the report.

Trustees' Responsibilities

The Trustees are responsible for the preparation of a financial report which fairly reflects the financial position of the Trust as at 30 June 2010, and the results of operations for the year ended on that date.

Auditor's Responsibilities

It is my responsibility to express to you an independent opinion on the financial report presented by the Trustees.

Basis of Opinion

An audit includes examining, on a test basis, evidence relevant to the amounts and disclosures in the financial report. It also includes assessing:

- the significant estimates and judgements made by the Trustees in the preparation of the financial report; and
- whether the accounting policies are appropriate to the Trust's circumstances, consistently applied and adequately disclosed.

I conducted my audit in accordance with New Zealand Auditing Standards. I planned and performed my audit so as to obtain all the information and explanations which I considered necessary in order to provide me with sufficient evidence to obtain reasonable assurance that the financial report is free from material misstatements, whether caused by fraud or error. In forming my opinion I also evaluated the overall adequacy of the presentation of information in the financial report.

Other than in my capacity as auditor I have no relationship with, or interests in, the Trust.

Unqualified Opinion

I have obtained all the information and explanations I have required.

In my opinion:

- proper accounting records have been kept by the Trust as far as appears from my examination of those records; and
- the financial report on the accompanying pages:
 - complies with generally accepted accounting practice in New Zealand; and
 - fairly reflects the financial position of Marlborough Research Centre of Excellence Trust as at 30 June 2010 and the results of its operations for the year ended on that date.

My audit was completed on 30 September 2010 and my unqualified opinion is expressed as at that date.

A handwritten signature in cursive script that reads 'Angela Wood'.

Angela Wood
 Chartered Accountant
 Blenheim

MARLBOROUGH RESEARCH CENTRE of EXCELLENCE TRUST

ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2010

Rowley Vineyard operations

		Last year
Revenue		
Grape sales	124,632	
	<u>124,632</u>	
Costs		
Vineyard Personnel costs	41,183	43,025
Vineyard Operating costs	27,144	16,531
Harvesting	3,542	
Vineyard Administration	983	1,242
Vineyard rent, rates and insurance	26,781	26,295
Vineyard Development	1,317	
Vineyard Depreciation	<u>16,189</u>	21,666
	117,138	108,758
Net vineyard surplus (deficit)	7,494	(108,758)

Budge Street property account

Revenue		
Tenant rentals	86,796	87,960
Theatre rentals	1,922	3,249
Tenant charges	75,482	80,392
	<u>164,200</u>	171,602
Costs		
Repairs and maintenance	8,716	4,113
Tenant costs	73,878	68,790
Depreciation	<u>63,603</u>	94,912
	146,197	167,814
Net Budge Street property surplus	18,003	3,787

Grovetown Park property account

Revenue		
Tenant rentals	113,746	104,208
Tenant charges	66,755	62,305
	<u>180,501</u>	166,513
Costs		
Repairs and maintenance	11,660	31,346
Tenant costs	56,430	54,228
Depreciation	<u>8,119</u>	9,013
	76,208	94,587
Net Grovetown Park surplus	104,293	71,926

NOTE: This Statement is to be read in conjunction with the Notes to the Financial Statements and Auditor's Report



MARLBOROUGH RESEARCH CENTRE of EXCELLENCE TRUST

ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2010

Trust revenue and expenditure account

		Last year
Revenue		
Interest Received	34,689	63,613
Net Budge Street property surplus	18,003	3,787
Net Grovetown Park property surplus	104,293	71,926
Net vineyard surplus	7,494	(108,758)
Vinefax subscriptions received	38,500	28,275
	202,979	58,843
Grants Received		
Marlborough District Council	131,600	131,600
Liquorland Scholarship	6,757	1,275
Dryland Forestry project grants	141,729	48,822
SFF project funding	103,284	145,508
NMIT equipment project grants		35,355
Other grants		35,594
	383,369	398,154
	586,348	456,997
Costs		
Audit fees	3,500	3,500
Personnel	112,683	113,663
Office expenses	13,200	11,020
Administration costs	30,596	25,604
Operating costs	17,954	24,466
Insurances	4,162	4,148
	182,095	182,400
Operating surplus (deficit)	404,253	274,597
Grants Made		
Grant - RMH & Associates	35,000	35,000
Grant - Plant and Food Research	20,000	165,000
SFF funded projects	127,333	146,001
Grant - Drylands Forestry project	141,729	48,822
P&F research - Met information grant	20,460	
Other grants	16,907	82,012
Vinefax	25,000	20,000
	386,429	496,836
Marlborough Research Centre of Excellence Trust Surplus - transferred to capital	17,824	(222,239)

NOTE: This Statement is to be read in conjunction with the Notes to the Financial Statements and Auditor's Report

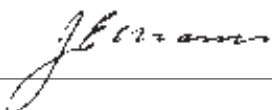
MARLBOROUGH RESEARCH CENTRE of EXCELLENCE TRUST

ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2010

Balance Sheet as at 30 June 2010

		Last year
Current Assets		
BNZ current account	45,928	50,989
Income accruals	18,801	11,594
Accounts receivable	194,044	93,477
	258,773	156,060
Investments (note 3)		
BNZ Term Deposit	80,622	157,451
Kiwibank Term Deposits	623,610	670,000
	704,232	827,451
Fixed Assets		
Opening Book value	3,626,236	2,745,249
Additions this year (note 4)	124,726	177,475
Grovetown Park property revaluation		829,103
Depreciation written off	(87,911)	(125,591)
Balance at year end (note 4)	3,663,051	3,626,236
	4,626,056	4,609,747
Current Liabilities		
Accounts payable (note 7)	166,033	204,905
Liquorland Sponsorship advance funding	15,968	14,725
Dryland project advance funding	64,025	27,911
	246,026	247,541
Net assets	4,380,030	4,362,206
Equity (note 6)		
Balance at 1 July 2009	3,500,468	3,722,707
Net Surplus (deficit) for year	17,824	(222,239)
	3,518,292	3,500,468
Reserves		
Research Reserve	8,000	8,000
Revaluation Reserve	853,738	853,738
Balance at year end (note 5)	861,738	861,738
Total equity (note 6)	4,380,030	4,362,206

For and on behalf of the Trust



Trustee



Trustee

NOTE: This Statement is to be read in conjunction with the Notes to the Financial Statements and Auditor's Report



MARLBOROUGH RESEARCH CENTRE of EXCELLENCE TRUST

ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2010

Asset and Depreciation Schedule for the Year Ended 30 June 2010

	Cost Price	Accumulated depreciation as at 1 July 2009	Book Value 1 July 2009	Disposals	Additions	Depreciation charged this year	Book Value 30 June 2010
LAND & BUILDINGS							
Grovetown Park - SH1							
at cost less revaluation	537,378	93,920	443,458		101,527	6,548	538,437
revaluation account			829,103				829,103
Research Centre - Budge St	2,508,092	454,201	2,053,891			55,279	1,998,612
	3,045,470	548,121	3,326,452		101,527	61,827	3,366,152
PLANT & EQUIPMENT							
Research Centre - Budge St	106,447	47,784	58,663			6,946	51,717
Rowley Vineyard	11,916	8,866	3,050			647	2,403
	118,363	56,650	61,713			7,593	54,120
MOTOR VEHICLES							
Rowley Vineyard	10,629	9,687	942	4,000	25,460	(3,084)	25,486
FURNITURE & FITTINGS							
Grovetown Park - SH1	31,638	21,870	9,768		1,739	1,571	9,936
Research Centre - Budge St	21,197	13,878	7,319			1,378	5,941
	52,835	35,748	17,087		1,739	2,949	15,877
VINEYARD							
Development expenditure	296,988	83,053	213,935			17,636	196,299
Irrigation	12,073	7,780	4,293			618	3,675
Netting	9,128	7,314	1,814			372	1,442
	318,189	98,147	220,042			18,626	201,416
TOTAL ASSETS	3,545,487	748,354	3,626,236	4,000	128,726	87,911	3,663,051

NOTE: This Statement is to be read in conjunction with the Notes to the Financial Statements and Auditor's Report



MARLBOROUGH RESEARCH CENTRE of EXCELLENCE TRUST

ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2010

NOTES TO ACCOUNTS

1. STATEMENT OF ACCOUNTING POLICIES

The financial statements here presented are for the entity Marlborough Research Centre of Excellence Trust, a charitable trust registered under the Charitable Trusts Act 1957. Marlborough Research Centre of Excellence Trust is a reporting entity under the Financial Reporting Act 1993. These Financial Statements have been prepared in accordance with generally accepted accounting practice.

The accounting principles recognised as appropriate for the measurement and reporting of earnings and financial position on an historical cost basis have been used, with the exception of certain items for which specific accounting policies have been identified.

(a) **Changes in Accounting Policies**

There have been no changes in accounting policies. All policies have been applied on bases consistent with those used in previous years.

(b) **Income Tax**

The trust is not subject to income tax as it is a charity registered with the Charities Commission.

(c) **Receivables**

Receivables are stated at their estimated realisable value. Bad debts are written off in the year in which they are identified.

(d) **Fixed Assets**

Fixed Assets have been included at cost less accumulated depreciation. Details of fixed assets are set out in the attached Fixed Asset Register.

(e) **Depreciation**

Depreciation has been charged on a cost price or diminishing value basis, in accordance with the method and rates currently approved by the Inland Revenue Department.

(f) **Goods & Services Tax**

The Statement of Financial Performance has been prepared so that all components are stated exclusive of GST. All items in the Statement of Financial Position are stated net of GST, with the exception of account receivables and payables.

(g) **Differential reporting**

Marlborough Research Centre of Excellence Trust is a qualifying entity in that it qualifies for differential reporting as it is not publicly accountable, and is not large. All available differential reporting exemptions have been applied.

2. AUDIT

These financial statements have been audited. Please refer to the auditor's report.

NOTE: This Statement is to be read in conjunction with the Notes to the Financial Statements and Auditor's Report



MARLBOROUGH RESEARCH CENTRE of EXCELLENCE TRUST

ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2010

3. INVESTMENTS

Interest has been accrued to balance date. Investments are as follows:

Account #	Interest Rate	Maturity Date	Balance 30.6.10	Balance 30.6.09
Bank of New Zealand				
3119	2.75%	10 Sep 2009	\$0	\$126,895
2599	3.15%	Current	\$0	\$30,506
162599-025	3.25%	On call	\$80,622	\$0
Kiwibank				
00	0.00%	Current	\$45	\$50
Kiwibank No 1	5.00%	28 Jan 2011	\$309,765	\$300,000
125997			\$0	\$70,000
Kiwibank No 2	5.30%	1 Apr 2011	\$313,800	\$300,000
			<u>\$704,232</u>	<u>\$827,451</u>

4. FIXED ASSETS (Refer to Schedule)

Land and improvements were revalued by Valuation NZ as at 1 September 2002, and the Grovetown Park land and buildings in June, 2009.

The Trust has not depreciated the buildings portion of the property revaluation. It is the view of the Trustees that such depreciation is not material.

Depreciation rates used are:

Grovetown Park buildings and amenities - 2% to 3% cost price, or 4% to 21.6% diminishing value.

Budge Street buildings and amenities - 2% to 18% diminishing value. Depreciation rates have been reviewed this year, and the rate formerly used to depreciate the Budge Street property (4% CP per annum) has been judged to have been excessive, and has been reduced to 2% CP per annum. The effect of this adjustment has been to reduce the depreciation charge in this year's accounts by \$44,800.

Plant and equipment - 12% to 48% diminishing value.

Motor vehicles - 12% to 26% diminishing value.

Furniture and Fittings - 12% to 39.6% diminishing value.

Vineyard - 6% to 39.6% diminishing value.

Additions this year include:

Building additions	Grovetown Park	101,527
Office equipment	Grovetown Park	1,739
Vineyard improvements	Tractor (2nd hand)	25,460
		<u>\$128,726</u>

Disposals this year include:

Vineyard plant	Tractor	<u>\$4,000</u>
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NOTE: This Statement is to be read in conjunction with the Notes to the Financial Statements and Auditor's Report



MARLBOROUGH RESEARCH CENTRE of EXCELLENCE TRUST

ANNUAL REPORT FOR THE YEAR ENDED 30 JUNE 2010

5. RESERVES

Movements in Reserves are as follows:

	<u>2010</u>	<u>2009</u>
Opening Balance	861,738	32,635
Transfer to Revaluation Reserve	0	829,103
Closing Balance:	<u>\$861,738</u>	<u>\$861,738</u>

6. EQUITY

	2010	2009
Balance at 1 July (consolidated)	3,500,468	3,722,707
Net Surplus for the year	17,824	(222,239)
	<u>3,518,292</u>	<u>3,500,468</u>
Reserves		
Revaluation Reserve	853,738	853,738
Research Reserve	<u>8,000</u>	<u>8,000</u>
	861,738	861,738
TOTAL EQUITY BALANCE AT 30 JUNE	<u>\$4,380,030</u>	<u>\$4,362,206</u>

7. ACCOUNTS PAYABLE

	2010	2009
Trade creditors	151,322	213,359
Provision for audit fees	3,000	3,000
GST payable (refund)	10,060	(13,609)
PAYE payable	1,651	2,155
	<u>\$166,033</u>	<u>\$204,905</u>

8. CONTINGENT LIABILITIES

As at balance date there are no known contingent liabilities. (2009 Nil)

9. CAPITAL COMMITMENTS

As at balance date there are no known capital commitments. (2009 Nil)

10. EVENTS SUBSEQUENT TO BALANCE DATE

There have been no events subsequent to balance date which impact on the results disclosed in these financial statements sufficiently to warrant inclusion in these notes.

NOTE: This Statement is to be read in conjunction with the Notes to the Financial Statements and Auditor's Report





summary of
research
2009/2010

Each of the summarised research statements that follow have links to the Marlborough Research Centre (MRC) website where full reports, associated data and additional links can be found.

This is a departure from previous years and has been introduced to simplify Annual Reporting and assist readers in their understanding of research activities at the MRC.

Readers who require full reports should follow the links. Reference to the website www.wineresearch.org.nz/report.htm will provide a gateway to the full range of research undertaken at the Centre and in collaboration with other research organisations.

1. METEOROLOGICAL SERVICES

Weather data collection and interpretation by Plant and Food scientists has become highly valued by grapegrowers and the wider community. In general, provincial Marlborough is on constant 'weather watch' with actual and historic weather information, such as rainfall, temperature and sunshine hours compared to the long term average, being keenly sought.

This programme provides monthly weather summaries to local media, schools and community groups. The Trust Board has supported general public dissemination of this information since the weather station was established over 20 years ago as the official weather centre established and maintained by NIWA in conjunction with Plant and Food.

Providing free weather data to local media and schools is classified as 'community good'. Detailed analysis of data and interpretation is provided for industry and is a mix of public and commercial and is therefore, in part, subscriber funded.

Wine Marlborough publishes eleven issues of Winepress each year with a regular Met Report article. Met Report is jointly funded by Wine Marlborough and the Trust.

2. VINEFAX

Vinefax is specifically targeted at the grapegrower, providing a proven weather situation phenology and disease status reports. Vinefax is produced weekly from October to April during the growing season.

3. PLANT MATERIALS

One of the longest running trials in Marlborough with data collection from Sauvignon Blanc grafted onto six rootstocks.

This trial has particular relevance now that vineyards have expanded into areas not previously considered suitable for grape production. Replanting vineyards is occurring due to age disease or changing varieties. This trial assists growers decide which rootstock to plant.

Originally planted in 1991 with data collection gathered over 13 years. Growers are able to confidently select rootstock that will maintain fruit quality into the future.

4. CHANGING BUNCH ARCHITECTURE AND SFF

The MRC Trust has jointly funded projects that have been successful in securing a MAF Sustainable Farming Fund grant for various local research projects.

This was a preliminary study to determine whether it was possible to change bunch shape by the application of hormones or growth altering compounds to reduce the potential botrytis bunch rot risk without producing a residue in wine.

5. TRUNK HEALTH IN NEW ZEALAND VINEYARDS AND SFF

A national survey of vineyards was conducted to determine the level of disease prevalent in vineyards. This programme is an extension of previous work that investigated grapevine trunk health in the Marlborough region to determine what impact this has on vineyard productivity and fruit quality and whether there is an economic impact.

The Science team interacted with researchers in other wine regions of the world. The focus for all the work was to produce a set of fact sheets and to provide web-based information that growers could access.

Results from the survey of vineyards showed further work was necessary to establish the importance of common fungi such as *Botryosphaena Phaeomoniella* and *Eutypa*.

Growers need to have better knowledge of these fungi in order to recognise disease symptoms and implement management strategies.

6. STUDENT SUPPORT

- 13 August 2009: Alessandro Zanetton, Bragato student visited
- 31 August 2009 to December 2009: Verena Wengel, intern student from Technical University, Dresden, Germany. Verena worked on a project with Mike Trought looking at the Influence of leaf removal on fruitfulness of Sauvignon Blanc buds
- 11 October 2009: Andrea Watt, PhD student, University of Melbourne. Andrea was here to present to the NZWG Marlborough Grape Day
- Amber Parker, PhD student at Lincoln is based at the MRC, conducting field trials investigating the influence of variety, leaf area and fruit yield on phenology and fruit maturity of grapevines at the Brancott vineyard of Pernod Ricard
- 25 January to 19 March 2010: Katharina Fohler, an Austrian student intern worked at P&F from Mainz involved in laboratory work
- 12 April 2010: Eva Mitchell, a visitor from Wales, joined us for voluntary work science-related experience for a period of two weeks. She assisted staff over the grape harvest period.
- 13 April 2010: Rob Agnew hosted Massey University Horticulture students on visit to MRC
- Harvest 2010: Sarah Joanneau, Auckland University PhD student, was here to collect samples and make wine at our winery. Sara was assisted by a French intern student Thomas Allen, from the University of Rennes.

7. PASTORAL REPORT SUMMARY

This programme is built around previous work that has been established over the past 20 years. Legumes are difficult to establish in dry Marlborough hill country. Determining the best time to sow, judging climatic variations, time of rainfall, soil moisture and soil temperature is a predicament faced by farmers.

In addition, weed control pre and post establishment is crucial to a successful result, as is pre-grazing treatment, use of herbicide or other crop rotations.

For annual clovers to be successfully established there are a range of variables that determine success or failure. The choice of clover ecotype best suited to Marlborough's growing conditions is key to long-term persistence.

8. NZDFI - AGMARDT PROJECT - BREEDING EUCALYPTS FOR NATURALLY DURABLE TIMBER

Approval for this new project was confirmed by AGMARDT in October 2008 when \$80,000 seed funding was granted.

An original proposal to establish plantation woodlots of strong, naturally durable eucalypts on drought-prone and erodible land from Gisborne to Otago including Marlborough.

The original proposal was to grow eucalypts for vineyard posts and poles.

A key part of the project is to source seed from Australia, raise planting stock and establish tree breeding trials, from which to select an elite population for ongoing in selected sites.

Research Output Summary July 2009 - June 2010 for MRC Based Plant and Food Science staff

NB: For refereed papers have included MRC staff member if co-author, but for all other outputs have only included MRC staff member where they are the principal author.

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Greven, M.M., Neal, S.M., Green, S.R., Dichio, B. and Clothier, B.E., 2009. The effects of drought on the water use, fruit development and oil yield from young olive trees. *Agricultural Water Management* 96(11): 1525-1531. <http://dx.doi.org/10.1016/j.agwat.2009.06.002>

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CONFERENCE PROCEEDINGS

Agnew R. 2009. Mulch for Sustainable Production. Romeo Bragato Conference Proceedings, Napier, 20-22 August 2009 pages 213-220

Marc Greven, Victoria Raw, Colin Gray, Markus Deurer, Bruce West and Claire Grose. 2010. Long-term Vineyard Sustainability Index. VIIIe Congr's International des Terroirs Viticoles. 14-18 June 2010. Soave (VR) Italy

Greven M, co-editor of the Proceedings of the 5th International Specialized Conference on Sustainable Viticulture: Winery Waste and Ecologic Impact Management, in Trento and Verona (Italy)

Mundy D.C., Casonato S.G. and Manning M.A. 2009 'Incidence of fungi isolated from grape trunks in New Zealand vineyards' Proceedings of the Australasian Plant Pathology Society 2009 conference page 86

Mundy D.C., Hill G.H., and Beresford R.M. 2009 'Grape berry nitrogen concentration as a predictor of susceptibility to infection by Botrytis cinerea' Proceedings of 'Biology and management of organisms associated with bunch rot diseases of grapes' workshop at the Australasian Plant Pathology Society 2009 conference. Page 12

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Trought, M.C.T., Agnew, R.H., Bennett, J.S., Stronge, K., Parr, W. and Greven, M. 2010. Soils, Climate and vine management: Their Influence on Marlborough Sauvignon blanc wine style. Proceedings of VIII International Terroir Conference, Soave, Italy. 7-34 - 7-39.

Trought, M.C.T. 2010.

http://stream.ucanr.org/fps_sauvignon_blanc/Trought/index.htm "vt "_blank Soils, sunshine and serendipity: the success of Sauvignon blanc in New Zealand

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Vasconcelos MC, Penazzi F, Sherman E 2009. Effect of variability in ripeness on wine composition of Pinot noir grapevines in Marlborough, New Zealand. 16th International GIESCO Symposium, 12-15 July 2009, University of California, Davis. Pp. 213-216. (Proceedings.)

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Agnew R and Raw V 2010. Vinefax - putting research into practice in Marlborough, New Zealand. 14th Australian Wine Industry Technical Conference, Adelaide, 3-8 July 2010, pp71

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Mundy D.C., Raw V. and Manning M.A. 2009 'Preliminary results of grapevine trunk disease monitoring in two

Marlborough vineyards in New Zealand' Romeo Bragato Conference Proceedings, Napier, 20-22 August 2009 Page 275

Raw V, Greven M, Gray C, Deurer M, West B, Grose C. 2010. Assessment of vineyard soil health in Marlborough New Zealand. 14th Australian Wine Industry Technical Conference, Adelaide, 3-8 July 2010, pp86

Vasconcelos MC, Penazzi F, Sherman E, Raw V, Neal S 2009. 'Sources of variability in a Pinot noir vineyard' Romeo Bragato Conference Proceedings, Napier, 20-22 August 2009 Page 277

WORKSHOP CHAIRS

Agnew - Composting and Mulching Workshop - Bragato Conference 2009

Bennett - How weather and carbohydrate availability control grapevine yield, AWITC conference 2010

Mundy - Latest advances in bunch rot management and epidemiology of the Biology and management of organisms associated with bunch rot diseases of grapes. Workshop at Australasian Plant Pathology Society conference 2009.

Mundy - Botrytis bunch rot in cool climate regions, AWITC conference 2010

Trought - Hot off the press, Latest Research, Bragato Conference 2009

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WORKSHOPS - NO PRINTED PROCEEDINGS

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- Mundy 2010.** Trunk Health of New Zealand Vineyards. Presentation to Nelson grape growers 4 June 2010.
- Mundy and Jaspers 2010.** Trunk Health of New Zealand Vineyards. Presentation to Marlborough grape growers. 21 June 2010
- Mundy 2010.** Trunk Health of New Zealand Vineyards. Presentation to Hawke's Bay grape growers 25 June 2010.
- Raw V. 2010.** Managing fruit yield to achieve optimum ripeness. Australian Wine Industry Technical Conference 3-8 July 2010.
- Sherman E. 2010.** Effect of Variability in Ripeness on Wine Composition from Pinot noir Grapevines in Marlborough, New Zealand. Australian Wine Industry Technical Conference 3-8 July 2010.
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- Trought, M.C.T., Agnew, R.H., Bennett, J.S., Stronge, K., Parr, W. and Greven, M. 2010.** Soils, Climate and vine management: Their Influence on Marlborough Sauvignon blanc wine style. Presentation to staff and students at the University of Bologna, Italy, July 2010
- Trought M. 2010.** Choosing the site: sub-regional variation in styles of Marlborough Sauvignon blanc. Australian Wine Industry Technical Conference 3-8 July 2010.
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Written by Dion Mundy Phomopsis stem and leaf spot

Winegrowing Fact sheet No. 5 Version 1 : January 2010

Written by Dion Mundy Effects of trunk disease on crop quality

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Written by Dion Mundy Retrunking of old vines

Winegrowing Fact sheet No. 7 Version 1 : January 2010

Written by Dion Mundy Fungi associated with trunk diseases in the New Zealand wine-growing regions

Winegrowing Fact sheet No. 8 Version 1 : January 2010

Written by Dion Mundy Phaeoacremonium spp. in New Zealand vineyards

Winegrowing Fact sheet No. 9 Version 1 : January 2010

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