

Progress Field Day - June 2006-08-30 Disease Incidence Focus Vineyard Sites

Andrew Naylor Allied Domqec Marlborough

Summary of Bacchus Botrytis infection from Marlborough Weather Station >1.0 period 2004 to 2004

Stembridge

<u>Date</u>	<u>Duration</u>	<u>Ave temp</u>	<u>Rainfall</u>	<u>Broken IP</u>	<u>Rick Indicator</u>
15/12/04 20:00 to 17/12/04 11:00	39	12.1	31.1	Y	1.6
30/12/04 6:00 to 31/12/04 4:00	22	16.4	10.7	Y	1.4
01/01/05 1:00 to 02/01/05	35	12.1	28.3	N	1.5
05/01/05 18:00 to 06/01/05 15:00	21	14.3	16	N	1.1
24/03/05 19:00 to 25/03/05 19:00	24	17.8	10.8	Y	1.6
28/03/05 21:00 to 31/02/05 14:00	32	12.1	3.6	Y	2.3
30/03/05 6:00 to 31/03/05 14:00	32	10.9	14.3	Y	1.2
Total	205				12.7

Tyntesfield

<u>Date</u>	<u>Duration</u>	<u>Ave temp</u>	<u>Rainfall</u>	<u>Broken IP</u>	<u>Rick Indicator</u>
15/12/02 18:00 to 16/12/04 23:00	29	13.3	28.2	N	1.4
29/12/04 11:00 to 31/12/04	49	16.4	15.6	Y	3
01/01/05 2:00 to 02/01/05	34	12.5	21.4	N	1.5
05/01/05 17:00 to 06/01/05	21	14.8	9.8	N	1.2
11/02/05 14:00 to 12/02/05	16	17.3	10.4	Y	1.1
22/03/05 20:00 to 23/03/05	22	14.2	0.4	Y	1.1
24/03/05 19:00 to 26/03/05	32	18	16	Y	2.2
29/03/05 1:00 to 30/03/05	29	12	4.2	Y	1.2
Total	232				12.7

Tohu (records only from 11 Feb 2005 weather station not present)

<u>Date</u>	<u>Duration</u>	<u>Ave temp</u>	<u>Rainfall</u>	<u>Broken IP</u>	<u>Rick Indicator</u>
16/03/05 20:00 to 17/03/05 15:00	19	15.5	4.4	N	1.1
24/03/05 19:00 to 25/03/05 19:00	24	17.5	19.2	N	1.6
26/03/05 14:00 to 27/03/05 19:00	29	12.6	29.4	N	1.3
Total	72				4

Period 2005 to 2006

Stembridge

<u>Date</u>	<u>Duration</u>	<u>Ave temp</u>	<u>Rainfall</u>	<u>Broken IP</u>	<u>Rick Indicator</u>
09/12/05 21:00 to 10/12/05 14:00	17	17.3	1.2	N	1.1
11/12/05 18:00 to 13/12/05 21:00	51	15.3	10.2	Y	2.9
15/12/06 21:00 to 16/12/05 14:00	17	18.4	0.4	N	1.1
19/12/05 20:00 to 20/12/05 17:00	21	17.1	6.8	N	1.4
24/01/06 12:00 to 25/01/06 23:00	35	17.5	50.8	Y	2.2
08/02/06 11:00 to 09/02/06 16:00	29	14.2	5	N	1.5
10/02/06 7:00 to 11/02/06 14:00	31	17.2	16.6	Y	1.9
21/03/06 15:00 to 23/03/06 16:00	49	13.4	27.	Y	2.4
02/04/06 14:00 to 03/04/06 13:00	23	16.7	0	Y	1.4
Total	273				15.9

Tyntesfield

<u>Date</u>	<u>Duration</u>	<u>Ave temp</u>	<u>Rainfall</u>	<u>Broken IP</u>	<u>Rick Indicator</u>
11/12/05 17:00 to 12/12/05 14:00	21	14.9	0	N	1.2
12/12/05 18:00 to 13/12/05 15:00	21	14.9	0	N	1.2
19/12/05 20:00 to 20/12/05 14:00	18	16.5	10.6	N	1.1
24/01/06 15:00 to 25/01/06 21:00	30	17.4	56.4	Y	1.9
08/02/06 11:00 to 09/02/06 12:00	25	13.9	6.8	Y	1.3
10/02/06 15:00 to 11/02/06 12:00	21	17.1	9.6	N	1.4
22/03/06 13:00 to 23/03/06 13:00	24	14.4	2	Y	1.2
02/04/06 15:00 to 03/04/06 12:00	21	15.7	1.2	N	1.2
Total	181				10.5

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<u>Date</u>	<u>Duration</u>	<u>Ave temp</u>	<u>Rainfall</u>	<u>Broken IP</u>	<u>Rick Indicator</u>
11/12/06 18:00 to 12/12/05 19:00	25	14.7	8.6	N	1.4
12/12/06 19:00 to 13/12/05 21:00	26	15.2	8.4	N	1.5
24/01/06 15:00 to 25/01/06 21:00	30	17	66.4	Y	1.9
02/02/06 22:00 to 03/02/06 14:00	16	17.6	1	N	1.1
08/02/06 11:00 to 09/02/06 14:00	27	13.9	27.4	N	1.4
10/02/06 6:00 to 11/02/06 13:00	31	16.3	18.6	Y	1.9
21/03/06 6:00 to 22/03/06 7:00	25	13.3	32	Y	1.2
Total	180				10.4

Acknowledgements:

**Pest and Disease Monitoring FruitFed Blenheim
Weather Data Rob Agnew HortResearch Blenheim**