

New Preston CT Black Rot - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	Daily Risk	Warning
09/01	88.9	66.3	2.0	0.33	
09/02	90.3	67.5		0.00	
09/03	81.5	66.7	4.3	0.72	
09/04	74.1	57.3	1.0	0.17	
09/05	70.2	51.3	1.3	0.07	
09/06	75.2	48.6	4.3	0.27	
09/07	82.3	61.7	2.3	0.38	
09/08	79.1	55.7	8.3	1.74	Infection Risk
09/09	64.0	55.5		0.00	
09/10	63.9	52.8		0.00	
09/11	75.4	52.5		0.00	
09/12	61.8	53.5	4.0	0.26	
09/13	73.0	54.9	3.5	0.38	
09/14	72.2	53.2	8.0	1.05	Infection Risk
09/15	55.0	47.3		0.00	

New Preston Botrytis - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Low Temp	Wet Hours	RH>95 Hours	Daily Risk	Warning
09/01	88.9	66.3	2.0	0.3	0.00	
09/02	90.3	67.5			0.00	
09/03	81.5	66.7	4.3		0.00	
09/04	74.1	57.3	1.0		0.00	
09/05	70.2	51.3	1.3		0.00	
09/06	75.2	48.6	4.3		0.00	
09/07	82.3	61.7	2.3	0.8	0.00	
09/08	79.1	55.7	8.3	8.3	0.00	
09/09	64.0	55.5			0.00	
09/10	63.9	52.8			0.00	
09/11	75.4	52.5			0.00	
09/12	61.8	53.5	4.0		0.00	
09/13	73.0	54.9	3.5	4.3	0.00	
09/14	72.2	53.2	8.0	7.5	0.00	
09/15	55.0	47.3			0.00	

New Preston CT Downy Mildew - Grape From 2010-09-01 To 2010-09-15

Date	High Temp	Deg Hrs43	Rain Fall	Wet Hours	Hours >95%RH 43-86	66-77	Risk	Warning
09/01	88.9	0.0		2.0	0.0	0.0	0	Primary Infection
09/02	90.3	>min			0.0	0.0	0	
09/03	81.5	>min		4.3	0.0	0.0	0	
09/04	74.1	>min		1.0	0.0	0.0	0	
09/05	70.2	>min		1.3	0.0	0.0	0	
09/06	75.2	>min		4.3	0.0	0.0	0	
09/07	82.3	>min		2.3	0.5	0.5	3	High Risk of Infection
09/08	79.1	>min	0.15	8.3	6.0	5.8	3	High Risk of Infection
09/09	64.0	>min			0.0	0.0	0	
09/10	63.9	>min			0.0	0.0	0	
09/11	75.4	>min			0.0	0.0	0	
09/12	61.8	>min		4.0	0.0	0.0	0	
09/13	73.0	>min		3.5	2.3	0.0	1	Possible Infection
09/14	72.2	>min		8.0	7.3	0.0	1	Possible Infection
09/15	55.0	>min			0.0	0.0	0	

New Preston CT Powdery Mildew - Grape From 2010-09-01 To 2010-09-15

Date	Temperature High	Temperature Mean	Hours 70-85	Hours >95	Wet Hours	Ascospore Infection	Conidial Index
09/01	88.9	78.2	5.8	0.0	1.5		
09/02	90.3	78.5	12.8	0.0	0.0		
09/03	81.5	73.8	17.8	0.0	2.8		
09/04	74.1	68.0	7.5	0.0	1.0		60 Heavy
09/05	70.2	59.6	0.3	0.0	1.0		50 Medium
09/06	75.2	62.6	7.5	0.0	3.3		70 Heavy
09/07	82.3	70.9	11.8	0.0	2.3		90 Heavy
09/08	79.1	68.6	8.0	0.0	8.3		100 Heavy
09/09	64.0	58.7	0.0	0.0	0.0		90 Heavy
09/10	63.9	58.0	0.0	0.0	0.0		80 Heavy
09/11	75.4	62.3	5.5	0.0	0.0		70 Heavy
09/12	61.8	57.1	0.0	0.0	2.5		60 Heavy
09/13	73.0	60.6	1.0	0.0	2.5		50 Medium
09/14	72.2	62.0	1.5	0.0	8.0		40 Medium
09/15	55.0	50.5	0.0	0.0	0.0		30 Light

New Preston CTSpecWare 9 Pro - Hopkins2010 Phomopsis Cane+Leaf Spot -
 Grape From 2010-09-01 To 2010-09-15

Date	Temp Mean	Wet Hours	Rain-Fall	Wet+Rain	Wet Temp	Disease Intensity Catawba	Disease Intensity Seyval
09/01	78.2	3.8	0.00	0.0	0.0	0	0
09/02	78.5	5.5	0.00	0.0	0.0	0	0
09/03	73.8	7.5	0.00	0.0	0.0	0	0
09/04	68.0	2.3	0.00	0.0	0.0	0	0
09/05	59.6	1.5	0.00	0.0	0.0	0	0
09/06	62.6	5.8	0.00	0.0	0.0	0	0
09/07	70.9	2.5	0.00	0.0	0.0	0	0
09/08	68.6	9.3	0.15	3.3	68.8	9 Light	23 Light
09/09	58.7	0.0	0.00	0.0	0.0	0	0
09/10	58.0	0.0	0.00	0.0	0.0	0	0
09/11	62.3	0.0	0.00	0.0	0.0	0	0
09/12	57.1	6.5	0.00	0.0	0.0	0	0
09/13	60.6	5.3	0.00	0.0	0.0	0	0
09/14	62.0	8.0	0.00	0.0	0.0	0	0
09/15	50.5	0.8	0.00	0.0	0.0	0	0

Wet+Rain is the number of rain-initiated leaf wetness hours
 Wet Temp is the mean temperature during the rain-initiated wetness period
 Disease Intensity projects the estimated lesions per leaf