

Table 2: Weather data, mean maximum and minimum temperatures recorded for each winter protection method at three experimental sites during two growing seasons (2000 and 2001).

	Frelighsburg		L'Orpailleur		Dietrich-Jooss
	1999-2000	2000-2001	1999-2000	2000-2001	1999-2000
Mean maximum temperature, 17 November- 04 April ^w	1.16	-2.01	1.40	-1.93	0.86
Mean minimum temperature, 17 November- 04 April ^w	-7.0	-9.12	-8.25	-12.35	-8.31
Absolute minimum temperature (°C) ^x	-30.5	-27.0	-33.7	-30.9	-32.42
Method 1					
Mean maximum temperature on the second wire (°C) ^Y	0.98	-0.31	1.57	-0.23	0.76
Mean minimum temperature on the second wire (°C) ^Y	-6.51	-9.88	-8.57	-9.86	-8.56
Absolute minimum temperature (°C) ^z	-28.05	-28.05	-32.48	-33.73	-30.17
Method 2					
Mean maximum temperature on the ground (°C) ^Y	1.56	0.52	2.16	0.89	1.37
Mean minimum temperature on the ground (°C) ^Y	-5.05	-2.79	-5.17	-3.35	-6.06
Absolute minimum temperature (°C) ^z	-25.19	-26.11	-25.19	-21.79	-26.11
Method 3 ^Y					
Mean maximum temperature under geotextile fabric (°C) ^Y	2.93	-	4.34	1.47	3.86
Mean minimum temperature under geotextile fabric (°C) ^Y	-2.78	-	-3.97	-1.63	-5.83
Absolute minimum temperature (°C) ^z	-18.05	-	-21.0	-16.68	-21.0
Method 4 ^Y					
Mean maximum temperature under the mound (°C) ^Y	0.34	0.11	0.18	0.59	-0.06
Mean minimum temperature under the mound (°C) ^Y	-2.03	-0.41	-1.70	-0.32	-3.21
Absolute minimum temperature (°C) ^z	-18.05	-7.33	-16.68	-9.46	-16.68

^w Mean temperature from November to April recorded at Frelighsburg station, Dunham and Iberville locations.

^x Absolute minimum temperature recorded in January or early February of the indicated growing season .

^y Average temperature recorded from November to April by the Hobo external temperature sensor, for each winter protection.

^z Absolute minimum temperature recorded at a given day in January or early February by the Hobo external temperature sensor, for each winter protection.