

# Viticulture



Iowa State University - Horticulture  
Midwest Wine and Grape Institute  
Iowa Wine and Grape Association



Table 1. NE-1020 project, Horticulture Research Farm, Ames, IA.

Cultivar	Vine mortality (no.)	Established cordon length (m)	Primary bud injury (%)	Clusters per vine (no.)	Cluster Weight per vine (kg)	Weight per cluster (g)
Corot Noir	2	0.77	80.7	8.0	0.3	21.352
Frontenac	0	1.96	11.3	53.5	3.2	58.019
La Crescent	0	1.94	25.8	65.3	3.5	52.02
Marquette	0	2.03	19.6	66.0	3.9	57.254
MN1189	0	1.01	93.2	9.7	0.4	13.434
MN1200	0	1.83	44.8	75.8	2.1	42.604
MN1220	0	1.80	27.0	45.3	3.8	69.853
MN1235	0	1.59	21.3	63.7	3.9	52.153
MN1258	0	1.85	15.0	29.9	1.3	38.45
NY951	1	1.36	78.8	7.8	0.2	16.211
Petit Ami™	0	1.74	34.7	63.3	3.1	47.803
St. Croix	0	2.10	42.5	73.9	4.6	62.389
LSD	-	0.25	9.00	10.57	0.78	16.20

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MN-1235





MN-1258





- Plant growth regulators
  - Determine if plant growth regulators affect vine characteristics (fruit yield) and grape quality





- **Weed Control**

- Evaluate how cold climate grape vines respond to weed control techniques



- Climate network
- Climate and tissue nutrient content

