

'Petite Jewel'



Mark Hart

Synonyms: E.S. 3-20-36 (6).

Pedigree: MN #78 x 'Canadice' (1, 6).

Origin: Osceola, Wisconsin. Bred by Elmer Swenson (1, 6)

Selected: 1984 (1, 6).

Introduced: 2000 (1).

Type: Interspecific hybrid (including *V. labrusca*, *V. riparia*, *V. vinifera*) (4, 7, 8).

Color: Red

Berry: Small and round; seedless (1); flavor is rich and spicy (1, 6); soluble solids average around 21° Brix (1).

Cluster: Small to medium in size; conical in shape and with a shoulder (1).

Viticultural Characteristics: Moderately vigorous (1, 2). Domoto (2) described the growth habit as procumbent and added that cluster thinning is needed at bloom to help improve berry size.

Disease/Pests: Swanson (5) considered 'Petite Jewel' quite disease resistant. Domoto (2) reported slight susceptibility to black rot and downy mildew. He noted that it is not known if 'Petite Jewel' is sensitive to injuries from sulfur or copper applications.

Wine Quality and Characteristics: Swanson (5) reported that it is primarily used as a table grape, but is capable of making a very nice white wine with no *labrusca* characteristics. He added that it typically has low acid and medium soluble solids and would be a good blender with higher acid types and it also adds spiciness. Some report Muscat flavors (3) and suggest it may be used as a blush wine (1).

Season: Ripens very early (late July-early August in Nebraska), and birds can be a problem unless it is covered (5). It will hang in good condition until late in season, developing high sugar (6).

Cold Hardiness: Very hardy (-20 F) (2, 3).

Use: Seedless table grape, wine.

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Literature Cited

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