

# 'Concord'



Double A Vineyards, Inc.  
& ST Photography

**Synonyms:** 'Bergerac', 'Dalmadin', 'Feherhatu', 'Fekete Noah', 'Furmin noir', 'Gorin', 'Kek Olasz', 'Nyarlevelue', 'Olasz Kek' (8).

**Pedigree:** OP *V. labrusca* seedling (a 'Catawba' vine was located nearby) (8)

**Origin:** Concord, MA. Ephraim Bull planted the seeds of a wild grape in the fall of 1843. The plants first fruited in 1849 and he called one 'Concord' (2, 6).

**Introduction:** In 1853, 'Concord' was exhibited before the Massachusetts Horticultural Society on Boston Commons and in 1854, it was introduced by Hovey and Company in Boston (2).

**Type:** Interspecific hybrid (includes *V. labrusca*, with some *V. vinifera*) (6, 8).

**Color:** Blue

**Berry:** Hedrick et al. (6) described the 'Concord' berry as being medium to large, roundish, and slightly glossy covered with an abundant blue bloom. They also wrote that the skin was of average thickness, moderately tough and slightly adherent to pulp and containing a small amount of wine colored pigment, somewhat astringent. The flesh was described as pale green, translucent, juicy, rather fine grained, somewhat tough and solid and the flavor described as slightly foxy, sweet at skin, tart next to seeds. Reisch et al. (9) noted that the berries are prone to skin cracking and excessive post-harvest shelling.

**Cluster:** Hedrick et al. (6) described the cluster as rather uniform, medium to large, somewhat compact, wide and broadly tapering. They noted the cluster is usually single shouldered, but sometimes double shouldered. Average weight is .30 lb (3).

**Viticultural Characteristics:** Domoto (4) reported the vine as being vigorous and with a procumbent growth habit. He adds that bud break is early and that cluster thinning is not needed. He warned that 'Concord' is very sensitive to injury from 2,4-D. One hundred fifteen days from bloom to harvest (3).

**Disease/Pests:** 'Concord' is rated as being highly susceptible to black rot, Eutypa die back and Phomopsis cane and leaf spot (1, 2, 4, 9); moderately susceptible to powdery mildew (1, 2, 4, 9); and slightly susceptible to Botrytis bunch rot (1, 2, 4, 9), downy mildew (1, 2, 4, 9), anthracnose (1, 2, 4) and crown gall (1, 2, 9). Domoto (4) however rates it as moderately susceptible to crown gall, stating that it is more prevalent in colder conditions. It is sensitive to injury from sulfur (1, 2, 4, 9) and slightly sensitive to injuries from copper when applied under cool, slow-drying conditions (1, 2, 4).

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**Wine Quality and Characteristics:** Has a “foxy” flavor typical of *labrusca* wines.

**Season:** Late Midseason (early to mid October in New York) (9).

**Cold Hardiness:** Hardy (-15 to -20° F) (4).

**Use:** Canning, Juice, Table, Wine.

**Notes:** The most widely grown grape in the United States (2).

## Literature Cited

1. Bordelon, B, M. Ellis, and R. Weinzerl (editors). 2008. Midwest commercial small fruit & grape spray guide. (Univ. Arkansas Coop. Ext. Ser.; Univ. of Illinois Ext. ICSG3-08; Purdue Ext. ID-169; Iowa St. Univ. Ext. PM 1375; Kansas St. Univ. Ag Expt. Sta. & Coop Ext. Ser. S-145; Univ. of Kentucky Coop. Ext. Ser. ID-94; Univ. of Missouri, Missouri St. Univ. MX37; Univ. of Nebraska-Lincoln Ext.; Ohio St. Univ. Ext. 506B2; Oklahoma Coop. Ext. Ser. E-987; W. Virginia Univ. Ext. Ser. 865). *On:* <http://www.hort.purdue.edu/hort/ext/sfg/>.
2. Cahoon, C.A. 1986. The Concord grape. *Fruit Varieties Journal* 40 (4):106-107.
3. Dami, I., B. Bordelon, D. Ferree, M. Brown, M. Ellis, R. Williams, and D. Doohen. 2005. Midwest grape production guide. Ohio State University Extension Publication 919-05. *On:* <http://ohioline.osu.edu/b919/0010.html>.
4. Domoto, P. 2008. Grape cultivars for consideration in Iowa. *On:* <http://viticulture.hort.iastate.edu/info/pdf/cultivars08.pdf>.
5. Galet, P. 1979. *A Practical Ampelography: Grapevine Identification*. Cornell University Press, Ithaca, NY and London. p.159.
6. Hedrick, U.P., N.O. Booth, O.M. Taylor, R. Wellington and M.J. Dorsey. 1908. *The Grapes of New York: report of the New York agricultural experiment station for the year 1907*. J.B. Lyon Company, Albany, New York. pp. 219-222.
7. Hoover, E., and P. Hemstad. 2000. *Growing grapes for home use*. University of Minnesota Extension Publication F0-1103.
8. National Grape Registry (NGR) website: <http://ngr.ucdavis.edu/>. Supported by University of California Agriculture and Natural Resources, Foundation Plant Services, and National Clonal Germplasm Repository of the USDA Agricultural Research Service.
9. Reisch, B.I., R.M. Pool, D.V. Peterson, M.H. Martens, and T. Henick-Kling. 2000. Wine and juice grape varieties for cool climates. Information Bulletin 233. Cornell Cooperative Extension. *On:* <http://www.nysaes.cornell.edu/hort/faculty/reisch/bulletin/wine/index2.html>.