

**USDA ACCESSION NO.:** 21239

**SELECTION:** Seedling selection made by Dr. Tone Wagner at Zalec, Yugoslavia (Slovenia) in the mid- to late 1970's

**GENUS:** Humulus

**SPECIES:** lupulus

**CULTIVAR:** Bobek

**PEDIGREE:** Northern Brewer x Yugoslavian male TG

**PRIMARY SITE:** USDA-ARS World Hop Cultivar Collection, Corvallis, Oregon, OSU East Farm

**ORIGIN:** Seedling selection

**DATE RECEIVED:** April 3, 1980

**METHOD RECEIVED:** Rhizomes

**AVAILABILITY:** No restrictions, commercial cultivar

**REFERENCES:** USDA-ARS Annual Report of Hop Investigations for 1980, pp. 41, 43.

Kralj, D., and Tone Wagner. New Slovene hop cultivars, Blisk, Bobek, and Buket. Institute for Hop and Brewing Research, Zalec, 1980 (mimeographed report).

Kralj, D. Hop Breeding in Slovenia (in German). Report presented at the Scientific Commission, IHB, Novi Sad, Yugoslavia, 1984.

J. Kisgeci, A. Mijavek, M. Acimovic, P. Spevak, and N. Vucic. 1984. Hmeljarstvo. pp. 126-138. Inst. za Ratarstvo i Povrtarstvo, Novi Sad.

**MATURITY:** Medium to medium early

**LEAF COLOR:** Dark green

**SEX:** Female

**DISEASES:** Downy Mildew: moderately resistant

Verticillium wilt: resistant

Viruses: unknown

**VIGOR:** Fair

**YIELD:** Poor (about 800 lbs/acre in Oregon test plots)

**SIDEARM LENGTH:** 12-20 inches

**ALPHA ACIDS:** 8.1% (10-year range 6.0 to 9.3%)

**BETA ACIDS:** 5.0% (10-year range 4.0 to 6.6%)

**COHUMULONE:** 26%; colupulone 48%

**STORAGE STABILITY:** Fair to good (retained 66% of original alpha acids after 6 months at room temperature)

**OIL:** 1.4 ml/100 g (10-year range 0.82 to 2.67); humulene 12.4%; caryophyllene 4.3%; farnesene 3.0%. H/C ratio=2.96

**MAJOR TRAITS:** Pleasant hop aroma, similar to established European aroma hops. Small to medium small cones that are easy to pick.

**OTHER INFORMATION:** Not yet grown commercially on any significant acreage.