

USDA ACCESSION No.: 21611

SELECTION: seedling selection made by Dr. Dragica Kralj at the Hop Research Institute Zalec, Slovenia

GENUS: Humulus

SPECIES: lupulus

CULTIVAR: Celeia

PEDIGREE: tetraploid Savinja Golding x diploid Yugoslav male 105/58 (Tetraploid USDA 21049 x diploid Yugoslav male 105/58)

PRIMARY SITE: USDA-OSU Hop Research Farm, East Farm, Corvallis, OR

ORIGIN: Hop Research Institute Zalec, Slovenia (Yugoslavia)

DATE RECEIVED: spring 1990

METHOD RECEIVED: rhizomes

AVAILABILITY: no restrictions, commercial variety

REFERENCES: Various USDA Annual Reports for Hop Research starting In 1990.

Kralj, Dragica. March 1990. New Hop Varieties: Cerera, Celeia, Cekin, and Cicero. Chmeljar. March 1990.

MATURITY: medium early

LEAF COLOR: dark green

SEX: female

DISEASES: downy mildew: moderately resistant

Verticillium wilt: no information

Viruses: no information

VIGOR: good to very good

YIELD: good to very good

SIDE ARM LENGTH: 12 to 30 inches

ALPHA ACIDS: 5 to 6

BETA ACIDS: 3 to 4

COHUMULONE: 25

STORAGE STABILITY: fair, retained 56% of original alpha acids after 6 months room temperature storage

OIL: 1.31 ml/100 g. Humulene 17.6%; caryophyllene 7.2%; myrcene 49.5%; farnesene 5.6%. H/C ratio = 2.47

MAJOR TRAITS: Triploid, $2n = 30$; high yield potential, pleasant aroma, quality similar to Saazer aroma hop; high in tannoids.

OTHER INFORMATION: Not grown in large acreage because of lack of brewer acceptance. This hop is a sister selection of USDA [21612](#), Cerera.