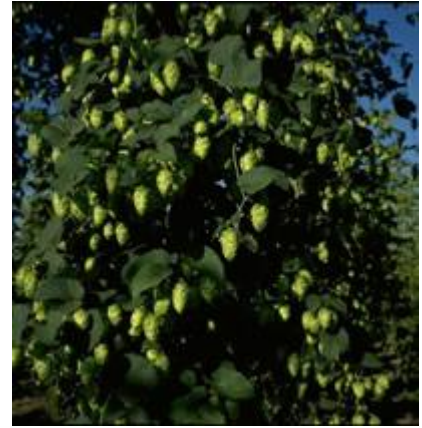


Hops



Scientific name: *Humulus lupulus*

Botanical family: Urticaceae (nettle family)

Center of origin: British Isles; cultivated hops were grown in Germany in AD 768 and in England in the late fifteenth century

Centers of Production: Germany, USA, Czech Republic and UK.

Global Acres Grown: 163,000 Acres (2000-2003)

Global Hops Harvested: 111,000 tons (2000-2003)

Global Average Yield: 1,370 lbs/Acre (2000-2003)

United States Acres Grown: 32,500 Acres (2000-2003)

United States Average Yield: 1,900 lbs/Acre (2000-2003)

United States Production: 31,000 Tons (2000-2003; most in WA, OR, ID)

Growing Season: Warm season crop which prefers early rainfall followed by dry, warm weather

Preferred soils: deep sandy or gravelly loams

Fertilizer Requirement: 80-160 lbs of N/A and 50-100 lbs of P₂O₅; in the areas in which hops are grown, calcium sulfate, zinc sulfate and borax may need to be added

Hop Uses: Mostly produced for the production of beer; in most beers, about 8-13 ounces of hops are used for each barrel of beer. Hops are primarily added to beer in the form of an oil extract, which gives beer the aroma of hops.

Photos: www.hopunion.com and www.cyclethere.com