

PI 559174 to 559192-continued

PI 559189 **origin:** United States. **origin institute:** USDA/ARS Hops Research Project, East Farm, Corvallis, Oregon 97333. **cultivar:** USDA 21191M. **pedigree:** [[Unknown x (Fuggle x Early Green-Early Cluster)] x OP] x OP. **other id:** CV-11. **source:** Crop Sci. 22(6):1262 1982. **group:** CSR-HOP. **other id:** CV-12. **source:** Crop Sci. 22(6):1262 1982. **group:** CSR-HOP. **other id:** USDA 21191M. **remarks:** Triploid, excellent pollen producer, suitable for stimulation of diploid females to produce higher yield. Perennial. Breeding Material. Plant.

PI 559190 **origin:** United States. **origin institute:** USDA/ARS Hops Research Project, East Farm, Corvallis, Oregon 97333. **cultivar:** USDA 21190M. **pedigree:** [[Unknown x (Fuggle x Early Green-Early Cluster)] x OP] x OP. **other id:** CV-10. **source:** Crop Sci. 22(6):1262 1982. **group:** CSR-HOP. **other id:** USDA 21190M. **remarks:** Triploid, excellent pollen producer, suitable for stimulation of diploid females to produce higher yield. Perennial. Breeding Material. Plant.

PI 559191 **origin:** United States. **origin institute:** USDA/ARS Hops Research Project, East Farm, Corvallis, Oregon 97333. **cultivar:** USDA 21105M. **pedigree:** 4x Fuggle x Red Vine-Fuggle-Fuggle seedling. **other id:** GP-8. **source:** Crop Sci. 19(5):753 1979. **group:** CSR-HOP. **other id:** USDA 21105M. **remarks:** Triploid, excellent pollen producer, suitable for stimulation of diploid females to produce higher yield. Perennial. Breeding Material. Plant.

PI 559192 **origin:** United States. **historical origin:** United States. **origin institute:** USDA/ARS, Hops Research Project, Corvallis, Oregon 97331. **cultivar:** USDA 60014. **pedigree:** Selected from the wild in Arizona. **collected:** 1960. **other id:** USDA 60014 Arizona 1-3. **locality:** Big Springs, Kaibab Nat'l Forest. **elevation:** 2400m. **remarks:** Susceptible to Downy Mildew, pungent Wild American odor This accession is currently maintained at Prosser, WA. Perennial. Breeding Material. Plant.

PI 559193 to 559196. *Humulus lupulus* L. CANNABACEAE Hops

Donated by: Haunold, A., USDA/ARS Hops Research Project, East Farm, Corvallis, Oregon, United States. Received May 25, 1983.