

Variety: Steptoe CI#: 15229

Class: Spring Barley

Participants in Release:

Washington State University---Pullman, WA *
Oregon State University---Corvallis, OR
University of Idaho---Moscow, ID

Release Date: 1978

Variety Description

Steptoe is a six-rowed, rough-awned, spring barley. It produces an erect spike and large, plump kernels with colorless aleurones and long rachilla hairs. Prior to release, Steptoe was evaluated for 5 years at four locations in eastern Washington and for 3 years in the USDA Rocky Mountain Uniform Nursery. It yields about 20 to 25% more than Unitan, has superior lodge resistance, slightly shorter straw, and a slightly higher test weight. Little is known about the disease reaction as the incidence of diseases is minimal in areas where it has been tested. Steptoe is adapted to the high and low rainfall areas of eastern Washington and should also perform well in Idaho, eastern Washington, Oregon, and Montana.

Pedigree

Steptoe barley (*Hordeum vulgare* L.), CI 15229 was developed in the Department of Agronomy and Soils, Washington State University. The parent varieties, Washington Selection 3564 and Unitan were crossed in 1959 and the selection, 6428-66, was made in 1966. This selection was in the F6 generation when approved for release in March 1972.

Seed Class

Breeder and Foundation class seed will be maintained by the Washington Crop Improvement Association under supervision of the Agronomy and Soils Department, Washington Agricultural Research Center. USDA/ARS will have no seed for distribution. Registered and certified classes of seed are available through certified seed dealers. Foundation Seed should be requested through the producers own state Foundation Seed Program or Crop Improvement Association

* primary agency involved in development and release