

# CalWhite



**CalWhite**, tested as A76147-2, was initially selected in 1978 at Aberdeen, Idaho from a cross between Pioneer (high-yielding long red) and BC8370-4 (a smooth long russet) performed by Dr. Joe Pavék of the USDA in 1976. It was selected by the University of California in 1981 and first tested in replicated yield trials in Kern County, California in 1985. In that trial, total yield exceeded 1000 Cwt/acre with 90% No. 1's. It was tested in the Western Regional Trials in 1985-87 and in seed and commercial grower fields in the western U.S. during the late 1980's and early 1990's. It was named and released by the University of California in 1997.

**CalWhite** is an early maturity, long oval white potato variety with a bright white skin color and shallow eyes of moderate number. It has medium set of uniform size and shape tubers, which are moderately resistant to Fusarium seed piece decay but susceptible to soft rot and net necrosis. It has very high fresh weight and dry matter yield potential, making it suitable for fresh market tablestock and for dehydration processing uses. Tubers are susceptible to "heat sprouting" if left in high temperature soils at, or near, maturity.

*University of California  
Vegetable Research and Information Center  
website: [vric.ucdavis.edu](http://vric.ucdavis.edu)*

July 2001

**Breeding Line:** A76147-2

**Parentage:** Pioneer x BC8370-4

**Developer:** University of California, USDA-ARS, California Potato Research Advisory Board

**Plant Variety Protection:** Released in 1997 by Univ. of California without PVP

**Culinary / Market Use:** Fresh Market tablestock, and dehydration processing. Boiling, salad, soup.

## **Tuber Characteristics:**

**Shape:** Long, oval

**Eyes:** Shallow to medium

**Skin:** White

**Flesh:** White

**Specific Gravity:** Medium

**Dormancy:** Short

**Set:** Medium

**Defects:** Resistant to hollow heart; moderately resistant to internal necrosis, black spot, growth cracks, common scab. Very susceptible to heat sprouting.

**Total Glycoalkaloids:** Low to medium

## **Vine Characteristics:**

**Emergence / Early Growth:** Rapid

**Size / Shape:** Medium to large/ Semi-erect to spreading

**Flower:** White

**Maturity:** Early-medium to early

**Leaves:** Medium green

## **Agronomic Characteristics:**

**Spacing:** 6 to 9 inches

**Nitrogen:** Moderate to high rates

**Diseases:** Moderately resistant to Fusarium seed piece decay, scab; Susceptible to storage soft rots, Late blight, PLRV, PVY, net necrosis; Moderately susceptible to Early blight, Verticillium wilt

