The Agricultural Research Service of the United States Department of Agriculture, the Washington Agricultural Research Center, the Idaho Agricultural Experiment Station, the North Dakota Agricultural Experiment Station, and the California Agricultural Experiment Station announce the release and naming of a large-seeded cream-colored chickpea (*Cicer arietinum* L.), 'Dylan'. *Dylan* was developed by the U.S. Department of Agriculture, Grain Legume Genetics and Physiology Research Unit at Pullman, Washington, in cooperation with the College of Agriculture, Agricultural Research Center of Washington State University. *Dylan*, selection number CA99901604C, originated as an F₅ selection from progenies from the cross Blanco Lechoso/Dwelley made by F.J. Muehlbauer in 1994.

*Dylan* was yield tested in eastern Washington, northern Idaho, North Dakota and South Dakota, California, Montana, Wyoming and Nebraska for a total of 39 site-years over three years of testing from 2002 to 2004. It out yielded ‘Dwelley’ and ‘Sierra’ in 10 of 11 site years in the Palouse region of eastern Washington and northern Idaho. *Dylan* out yielded ‘Dwelley’, the current industry standard, by an average of 15% over the three
years (1816 vs. 1575 kg/ha) (1622 vs. 1406 pounds/acre) and Sierra by 9% (1816 vs. 1668 kg/ha) (1622 vs. 1490 pounds per acre) in the most likely regions for production of this cultivar. Dylan also performed better than Dwelley and Sanford at some locations in North Dakota and South Dakota and performed better than Dwelley in California. Dylan has good resistance to ascochyta blight caused by Ascochyta rabiei (Pass.) Labr., a common and destructive disease of chickpea in most production areas.

Plants of Dylan averaged 38 cm (15 inches) tall and have an upright habit with compound (fern) type leaves. Flowering begins at about 15 cm (6 inches) above the soil surface and commences about 60 days after planting depending on climatic conditions. Crop maturity is similar to Sierra and generally about 107 days after planting. Seeds of Dylan average 56.8 grams per 100 seeds, which is equivalent to 799 seeds per pound. Seed size is similar to Sierra and slightly larger than Dwelley. Seeds of Dylan are light-cream colored and lighter than Dwelley and Sierra.

The Washington State Crop Improvement Association will maintain breeder seed of Dylan. Foundation seed will be available from the Washington State Crop Improvement Association, Washington State University, Pullman, Washington, 99164.

Release date for publicity purposes shall be effective on the date of final signature of the release notice.

Genetic material of this release will be deposited in the National Plant Germplasm System where it will be available for research purposes, including development and commercialization of new varieties/cultivars. Plant variety protection will be pursued for this variety. It is requested that appropriate recognition be made if this germplasm contributes to the development of a new breeding line or cultivar.

Ralph P. Cavalcanti
Director, Agricultural Research Center
Washington State University

July 7, 2005

Date

Director, Idaho Agricultural Experiment Station
University of Idaho

7/29/05

Date

Director, North Dakota Agricultural Experiment Station
North Dakota State University

8/17/05

Date

Director, California Agricultural Experiment Station
University of California - Davis

8/26/05

Date

Deputy Administrator, Agricultural Research Service
U.S. Department of Agriculture

9/15/05

Date