ior to Surutato on the basis of a more acceptable seed size after canning, light golden color (compared to pale white) after canning, and no starch leakage due to splits and cracks.

Registered seed is maintained by the California Crop Improvement Association, Davis, CA.


References and Notes
1. Helms, D., L. Panella, I.W. Buddenhagen, F. Workneh, C.L. Tucker,

REGISTRATION OF ‘UC15’ CHICKPEA

‘UC15’ CHICKPEA (Cicer arrietinum L.) (Reg. no. CV-97, PI 552531) was developed and released by the University of California, Davis and the California Agricultural Experiment Station in 1988. UC15, tested as 8615 from the Davis program, is a fusarium wilt (Fusarium oxysporum Schlechtend.:Fr. f. sp. ciceris (Padwick) Matuo & K. Sato) resistant chickpea.

UC15 resulted from the cross ‘UC5’ × ‘Sonora’ made in 1981. UC5 is susceptible to fusarium wilt and the Mexican cultivar, Sonora, is resistant.

UC5 was crossed to Sonora and the F3 families were grown in a fusarium wilt-infested field in Santa Barbara County in 1983. Resistant F4 families, selected for large, upright plant type, were grown and selected in Davis for seed type. The F5 families were grown in Baja, Mexico (winter 1984–1985), and subsequent generations grown at several wilt infested locations along the central coast of California. The F6 families were bulked, UC15 was selected for large, upright plant type, pinnate leaves, yield, and uniform seed of high canning quality. Breeder seed was taken from a Davis planting of the F7 bulk in 1987.

UC15 has a large spreading growth habit, white flowers, and the large, crinkled, straw-colored seeds typical of Kabuli-type chickpea. The leaf is compound with pinnate leaflets and during the growing period the plant has a full open canopy that provides good ground coverage. Seed yields of UC15 are comparable to UC5. UC15 has significantly ($P = 0.05$) higher yield potential in San Luis Obispo and Santa Barbara counties than did UC5. The seed has a light golden color (compared to pale white) after canning, and no starch leakage due to splits and cracks.

Registered seed is maintained by the California Crop Improvement Association, Davis, CA.


