under dryland conditions at Tetonia, ID. Centennial has pubescent, purple auricles; semierect, short flag leaves, and dark green plant color at heading. Centennial has short, ovate, awned heads; anthers are yellow, lacking purple pigmentation, glumes are glabrous and nonwaxy; chaff color is whitish-yellow at maturity. Centennial heads 3 and 6 d earlier than Penawawa at Aberdeen and Tetonia, respectively. Lodging resistance of Centennial is superior to 'Treasure' and comparable to Penawawa. Centennial had the second highest and highest average yield across all locations in the Western Regional Spring Wheat Nursery in 1986 and 1988, respectively. Yields of Centennial in University of Idaho yield trials are comparable to 'Fieldwin' at lower elevations in southeastern Idaho, comparable to Treasure, Penawawa, and 'Wakannz' at high elevations on dryland, and 8% superior to the same cultivars under irrigation at high elevation. Centennial has the highest average test weight of current soft white spring cultivars in southeastern Idaho growing conditions, 1% higher than 'Owens' and 3% higher than Penawawa. The flour protein, ash content and milling percentage of Centennial are intermediate between Treasure and Penawawa in southeastern Idaho environments. Centennial is resistant to stripe rust, susceptible to stem rust (causal organism Puccinia graminis Pers.:Pers.), moderately susceptible to black chaff [causal organism Xanthomonas campestris pv. translucens (J., J. & R.) Dye], and susceptible to current populations of Hessian fly (Mayetiola destructor Say) in the Pacific Northwest.

Breeder and foundation seed of Centennial will be maintained by the Idaho Agricultural Experiment Station and may be obtained from the University of Idaho, Foundation Seed Program.

E. Souza,* D.W. Sunderman, J. Whitmore, and K. O’Brien (1)

References and Notes


REGISTRATION OF ‘ICGV 87141’ PEANUT

‘ICGV 87141’ PEANUT (Arachis hypogaea L. ssp. hypogaea var. hypogaea) (Reg. no. CV-42, PI 546372) was released in 1989 by the Central Subcommittee on Crop Standards, Notification and Release of Varieties, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India, for rainy season cultivation in Zone V. The latter registration was based on evaluations conducted as part of the Regional Flue-Cured Variety Evaluation Program.

Published July, 1991

REFERENCES AND NOTES


REGISTRATION OF ‘VA 116’ TOBACCO

‘VA 116’, a flue-cured tobacco (Nicotiana tabacum) cultivar (Reg. no. CV-101, PI 543922), was released in 1990 by the Southern Piedmont Agricultural Experiment Station because of its high yield and high-quality cured leaf. It was developed from a cross of ‘NC 82’ (1) and ‘Coker 319’ (2). The initial cross, ‘NC 82’ X ‘Coker 319’, was made in 1980. Individual plants were selected through the fifth generation progeny row. The ICRISAT Center maintains breeder and foundation seed.

E. SOUZA,* D.W. SUNDERMAN, J. WHITMORE, AND K. O’BRIEN (1)

References and Notes
