Registration of Crop Cultivars

REGISTRATION OF OTEE OATS
(Reg. No. 251)

C. M. Brown and H. Jedlinski

'OTEE' spring oats (*Avena sativa* L.), Ill. 66-2287A, C.I. 9086, was developed cooperatively by the Illinois Agricultural Experiment Station and the Agricultural Research Service, U. S. Department of Agriculture. Foundation seed of the new variety was distributed to certified seed growers in Illinois and other north central states for planting in the spring of 1973.

Otee resulted from a cross of 'Albion' × 'Newton' 2 × 'Min-hafer' 3 × 'Jaycee.' The final selection was made in the F₆ generation following the final cross. Otee has been tested in replicated yield nurseries in Illinois since 1968, in the Uniform Early Oat Performance Nursery since 1969, and in the Uniform Midseason Oat Performance Nursery since 1970. It has produced yields similar to the variety Jaycee in Illinois, but its yields have been higher than Jaycee in the regional uniform trials. Test weight has been similar to Jaycee and equal to the better varieties grown in Illinois. The groats of Otee have averaged 2-3 percentage points higher in protein than most other varieties. Hull color and kernel shape are similar to Jaycee, and most of the kernels fluoresce under ultraviolet light.

Otee is early in maturity and has short straw and good lodging resistance. It is superior to Jaycee in after-ripening standability.

The breeder seed of Otee contained very few (less than 0.2%) off type plants that were 8 to 12 cm taller and 10 days later in maturity.

Otee has resistance to most of the older races of crown and stem rust but is susceptible to some of the newer races. It has a high degree of tolerance superior to any variety for growing in Illinois, to barley yellow dwarf virus and resistance to the prevailing races of covered and loose smuts.

Breeder seed will be maintained by the Illinois Agricultural Experiment Station, Urbana, Illinois.

REGISTRATION OF ATHENS ABRUZZI RYE
(Reg. No. 5)

Acton R. Brown

'ATHENS ABRUZZI' rye (*Secale cereale* L.), C.I. 75 was developed at the College Station of the University of Georgia Experiment Stations. It was released in 1972. The variety

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1 Registered by the Crop Science Society of America. Received March 12, 1973.
2 Professor, Department of Agronomy, University of Illinois, and Research Plant Pathologist, Agricultural Research Service, USDA.
3 Registered by the Crop Science Society of America. Contribution from the University of Georgia, College of Agriculture Experiment Stations, College Station, Athens, Georgia. Received Feb. 15, 1973.
4 Associate Professor, College Station, Athens, Georgia.