glume is covered with hairs and has an awn 1½ times its length. The kernel has a finely wrinkled adhering hull, a white aleurone, and a crease which is narrow and V-shaped from the base. Kernels are small, wide at the center, and taper sharply to both ends, with lateral kernels being slightly twisted. The penduncle is strong and the spike erect.

Herb was released by the Wyoming Agriculture Experiment Station in 1978 and breeder seed will be maintained at the Sheridan Station through the Foundation Seed Program. Variety protection will not be requested.

REGISTRATION OF PERRY BARLEY

(Reg. No. 165)

J. M. Poehlman and Dale T. Sechler

'PERRY' barley (Hordeum vulgare L.), CI 15731 and Mo. B2487, was developed at the Missouri Agricultural Experiment Station. Perry originated as a single F1 plant selection from the cross 'Mo. B-400'/Ludwig'/Carstens'. The Mo. B-400/ Ludwig parent, accession numbers Mo. B1589 and CI 15188, is a six-rowed, winter type. Carstens is a two-rowed, winter-type cultivar from Europe. Perry has been tested in yield trials in Missouri since 1973 and in the Cooperative Uniform Nursery of Hardy Varieties since 1976.

Perry is five-rowed, rough-awned, and winter type. Compared to 'Mo. B-475' in Missouri trials since 1973, Perry is 30%, higher in yield (22 comparisons), 8% higher in test weight (22 comparisons), similar in winter hardiness (13 comparisons), 3 days earlier (18 comparisons), and 12 cm shorter (22 comparisons). In the field, Perry is resistant to the barley yellow dwarf virus (BYDV), to Rhynchosporium secalis (Oud.) J. J. Davis that incites loose smut. Perry is a high forage yield and potential. It has slightly less resistance to 'Potomac', but is more resistant than 'Boone'. Hallmark is produced as a three generation cultivar -- breeder, foundation, and certified. Vegetative portions of the five parent clones of Hallmark are maintained by FFR Cooperative at West Lafayette, Ind.

REGISTRATION OF TOALSON

(Reg. No. 23)

C. E. Simpson, O. D. Smith, and T. E. Boswell

'TOALSON' is a Spanish type peanut [Arachis hypogaea L.] with foliage characteristics similar to other Spanish cultivars. It has a thicker hull and larger pod than most Spanish cultivars. It also has moderate resistance to Pythium and Rhizoctonia species. The new cultivar was developed by Dr. R. A. Tuber, and was released 1 March 1979.

REGISTRATION OF ABLE ORCHARDGRASS

(Reg. No. 9)

Able is produced as a three generation cultivar -- breeder, foundation, and certified. Vegetative portions of the five parent clones of Hallmark are maintained by FFR Cooperative at West Lafayette, Ind.