shown the variety to be outstanding in seed yield when sown early (Table 1). Norstar has relatively high tolerance to pasmo, *Melampsora lini* (Ehrenb) L’ev., is conditioned by the *N* gene which is common to other commercially grown varieties in the North Central region, and by the *L* gene which conditions resistance to many North American races. Seed of Norstar is relatively high in oil content but of only fair oil quality.

Norstar has average height, blue flowers, semi-dehiscent bolls, and brown seeds of average size, and it is medium-late in maturity. Norstar is adapted to the North Central region, particularly for early sowing. Breeder seed is maintained by the Minnesota Agricultural Experiment Station. Certified and registered seed will be available for growing in 1970.

REGISTRATION OF COMPACT WINTER OAT1

*Verne C. Finkner, J. C. Williams, D. L. Davis, and Joseph W. Wyles2*

"COMPACT" winter oat, *Avena sativa* L. (Reg. No. 225)

'S. 172' (CI 4897), an introduction from Wales X 'Dubois' (CI 8280, Ky. 64-10653, CI 6572). The cross was made by the senior author in 1958. A head of the resulting hybrid, 'S. 172' X 'Dubois', was developed by the Department of Agronomy, University of Kentucky, Lexington, Ky. 40506. Received Jan. 20, 1969. The author is indebted to W. E. Moon and H. J. Seib, former research associates, for help in developing the program. The California Agricultural Experiment Station, Davis, received Feb. 20, 1969. The author is indebted to R. E. Fox, laboratory technicians, and B. E. Goplen, J. C. Tothill, Agricultural Extension Service. It is susceptible to rust in irrigated seed production plots and plantings.

Preliminary evaluations. Progeny increases of 195 F6 head rows from early- and late-sown trials grown at Brookings, S. D.; Fargo, N. D.; Crookston, Minnesota and St. Paul, Minn. 1 Number of trials in parentheses.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Plant height</th>
<th>Spikelets/row</th>
<th>Seed weight</th>
<th>Rust resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>'PALESTINE'</td>
<td>100-160 cm</td>
<td>8-90</td>
<td>4-16</td>
<td>Very resistant</td>
</tr>
</tbody>
</table>

REGISTRATION OF PALESTINE ORCHARDGRASS

*Vegetable and Forage Division*

**ORCHARDGRASS**

*Beeson* soybeans (*Glycine max* (L.) Merr.) originated as an F6 plant selection from the cross C1253 ('Blackhawk' × 'Harosoy') × 'Kent'. Hybridization, selection, and development of Beeson were done at the Purdue Agricultural Experiment Station in cooperation with the Crops Research Division, Agricul-