REGISTRATION OF DAWN OATS

(Reg. No. 216)

David C. Ebeltoft

‘DAWN,’ (Avena sativa L.) C.I. 7552, N.D. Sel. NDO-60-3, was derived from an F₁ plant row in 1957 from a cross of ‘Ajax’ x ‘Ransom’ and was released as North Dakota oat variety in 1966. Test data indicate that Dawn is a relatively high-yielding variety that is well adapted for growing in Illinois. It matures early and has shorter straw than most other varieties currently recommended in Illinois. Test weight has been high, but Jaycee has somewhat thicker hulls than several other varieties. Varieties of Dawn have been tested widely in Illinois for 5 years and in other states. Breeder seed will be maintained by the Illinois Agricultural Experiment Station. Test data indicate that Dawn is a relatively high-yielding variety that is well adapted for growing in Illinois. It matures early and has shorter straw than most other varieties currently recommended in Illinois. Test weight has been high, but Jaycee has somewhat thicker hulls than several other varieties. Varieties of Dawn have been tested widely in Illinois for 5 years and in other states. Breeder seed will be maintained by the Illinois Agricultural Experiment Station.

REGISTRATION OF WYNDMERE OATS

(Reg. No. 217)

David C. Ebeltoft

‘WYNDMERE,’ (Avena sativa L.) C.I. 7552, N.D. Sel. NDO-60-3, was derived from an F₁ plant row in 1957 from a cross of ‘Ajax’ x ‘Ransom’ and was released as North Dakota oat variety in 1966. Test data indicate that Dawn is a relatively high-yielding variety that is well adapted for growing in Illinois. It matures early and has shorter straw than most other varieties currently recommended in Illinois. Test weight has been high, but Jaycee has somewhat thicker hulls than several other varieties. Varieties of Dawn have been tested widely in Illinois for 5 years and in other states. Breeder seed will be maintained by the Illinois Agricultural Experiment Station.

REGISTRATION OF JAYCEE OATS

(Reg. No. 218)

C. M. Brown and H. Jedlinski

‘JAYCEE’ oats (Avena sativa L.), C.I. 7971, Ill. 1960, was selected at Urbana, Ill., in 1960 from the F₁ generation of the cross ‘Clintonland’ x ‘Garry’ x ‘Hawkeye’ x ‘Victoria’ x ‘Putnam.’ It was developed and released cooperatively by the Illinois Agricultural Experiment Station and the Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture. The cross that led to the development of Jaycee was made in 1956. Putnam was the male parent, while an unrelated selection from the cross Clintonland x ‘Garry’ x ‘Hawkeye’ x Victoria, obtained from Wisconsin, was the female parent. Increases of foundation seed were made in several North-Central States in 1966, and seed was distributed to certified seed growers in 1967.

Jaycee has been tested widely in Illinois for 5 years and included in one or more of the regional uniform tests for 4 years. Table 1 presents comparative yields of Jaycee and two other varieties of similar maturity in Illinois tests.

Table 1. Mean yields of Jaycee and two other oat varieties of similar maturity in Illinois at three locations from 1963-66.

<table>
<thead>
<tr>
<th>Variety</th>
<th>DeKalb</th>
<th>Urbana</th>
<th>Brownstown</th>
<th>Urbana</th>
<th>Brownstown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jaycee</td>
<td>3708</td>
<td>3276</td>
<td>2412</td>
<td>3470</td>
<td>2865</td>
</tr>
<tr>
<td>Putnam</td>
<td>3804</td>
<td>3192</td>
<td>2364</td>
<td>3390</td>
<td>2865</td>
</tr>
<tr>
<td>DeKalb</td>
<td>3804</td>
<td>3192</td>
<td>2364</td>
<td>3390</td>
<td>2865</td>
</tr>
</tbody>
</table>

Test data indicate that Jaycee is a relatively high-yielding variety that is well adapted for growing in Illinois. It matures early and has shorter straw than other varieties currently recommended in Illinois. Test weight has been high, but Jaycee has somewhat thicker hulls than several other varieties. Varieties of Dawn have been tested widely in Illinois for 5 years and in other states. Breeder seed will be maintained by the Illinois Agricultural Experiment Station.

REGISTRATION OF ESKI SAINFOIN

(Reg. No. 7)

R. F. Eslick, A. E. Carleton, and G. P. Hartman

‘ESKI’ sainfoin, Onobrychis vicicifo1ia Scop., is the progeny of an introduction from Eskisehir, Turkey. The seed was brought to the United States in the spring of 1952 by Burl Winchester of the Montana Agricultural Extension Service. It was planted at the Eastern Montana Branch Station at Sidney in June 1954. Seed was harvested in 1955 following the 1955-56 winter which

* Registered by the Crop Science Society of America. Received May 6, 1967.

** Assistant Professor, Department of Agronomy, North Dakota State University, Fargo, North Dakota.

° Assistant Professor, Department of Agronomy, North Dakota State University, Fargo, North Dakota.