

Ohio Agricultural Research and Development Center

**NOTICE OF RELEASE OF 'DARBY' SOYBEAN
TO SEED PRODUCERS**

The Ohio Agricultural Research and Development Center announces the release of a new soybean cultivar named DARBY.

Darby was developed at the Ohio Agricultural Research and Development Center as an F₄-derived line from the cross GR8936 × Edison. Darby was evaluated under the designation HS93-3779 in Ohio tests from 1994 to 1997. It was also entered in Uniform Preliminary Test IIIB in 1996. The mean performance of Darby in the Ohio Advanced Line Test A in 1995 to 1997 at five Ohio locations is summarized below:

Entry	Date mature	Lodging (score)†	Height (in)	Yield (bu/a)
Flint	9/20.3	1.4	27	49.9
Sandusky	9/20.6	1.3	29	45.8
Athow	9/22.6	1.3	27	52.3
Defiance	9/23.7	1.4	31	50.9
Darby	9/24.0	1.4	29	54.1

†rated from 1 (erect) to 5 (prostrate)

Darby is an indeterminate cultivar of maturity group III with white flowers, tawny pubescence, and tan pods. Seeds are dull yellow with black hila. Darby carries the *Rps1k* gene for resistance to phytophthora rot. Darby is susceptible to brown stem rot and soybean cyst nematode. In Ohio tests (1995-97), seeds of Darby had a mean content (dry-weight basis) of 42.4% protein and 20.8% oil, in comparison with 42.3% protein and 20.7% oil for the cultivar 'Athow'.

Darby was released because of its high yield in relation to cultivars of similar maturity and its resistance to phytophthora rot.

Foundation seed of Darby will be produced in 1998 by Ohio Foundation Seeds, Inc. The date of release is August 1, 1998.

Seed growers located outside of Ohio may produce and sell seed of Darby by arrangement with the Ohio Agricultural Research and Development Center, The Ohio State University, and Ohio Foundation Seeds, Inc.

Director, Ohio Agricultural
Research and Development Center

Date