

The Ohio Agricultural Research and Development Center

NOTICE OF RELEASE OF "FLINT" SOYBEAN
TO SEED PRODUCERS

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

Flint was developed at the Ohio Agricultural Research and Development Center as an F₄ derived line from the cross GR8836 x Elgin 87. Flint was evaluated under the designation HF91-078 in the Ohio Advanced Line Test from 1992 to 1995. It was also entered in the Uniform Test II in 1994 to 1995.

-Performance of Flint in Ohio Advance Line Test 199-2-95.

Cultivar	Date	Height	Lodging	Yield
	Mature	inches	score	bu/a
Erie	9/10	28	1.9	42.6
Vertex	9/10	29	1.3	42.5
Conrad	9/13	29	1.3	46.2
Chapman	9/14	29	1.4	47.4
IA 2007	9/16	29	1.3	49.5
Sandusky	9/16	30	1.3	46.6
Flint	9/16	30	1.5	51.1
Resnik	9/20	30	1.2	51.2

Flint is a maturity group II indeterminate cultivar with purple flowers, tawny pubescence, and brown pods. Seeds are dull yellow with black hila. Flint has excellent tolerance to *Phytophthora* root rot and carries the Rps1-k allele which confers multi race resistance to *Phytophthora sojae*. Flint is moderately susceptible to brown stem rot and susceptible to soybean cyst nematode. In Uniform Test II data (1994-95), seeds of Flint had a mean content of 41.1% protein and 20.6% oil, in comparison with 40.9% protein and 20.7% oil for the cultivar "IA2007 BC".

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

Foundation seed of Flint was produced in 1996 by Ohio Foundation Seeds, Inc. The date of release is August 1, 1996.

Seed producers located outside of Ohio May produce and sell seed of Flint 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