

# NDSU

DEPARTMENT OF PLANT SCIENCES  
RESEARCH-TEACHING-EXTENSION

North Dakota State University

FROM:

RE:

January 24, 1995

North Central States Agronomy Department Chairmen, Seedstocks  
Personnel, and Soybean Project Leaders; Charles Murphy, National Program  
Staff, ARS-USDA, and Thomas Army, Area Director, Northern Plains  
Region, ARS, USDA.

A. A. Schneiter, Interim Chairman, Department of Plant Sciences, North Q/^  
Dakota State University, Fargo, ND 58105

Release of Norm Dakota soybean selection 'Council' on January 13, 1995.  
Council was developed by the Agricultural Experiment Station, North  
Dakota State University.

Descriptive and Comparative Data  
COUNCIL SOYBEAN

Council was developed from a cross between 'Ozzie' and 'Dawson' made in 1986. The line to be released as Council was tested as ND88-597 during development and evaluation. The population was advanced by single pod descent and F<sub>3</sub>;4 plant rows were selected in the fall of 1988. ND88-597 was tested in multiple locations in eastern North Dakota and western Minnesota from 1989 to 1994 and evaluated in the Uniform Regional Tests: Northern States from 1992 to 1994. In the Red River Valley of the North, Council has yielded 3.7 bu/A more than Ozzie and 2.8 bu/A more than Dawson, averaged across 22 location years. It matures two days later than Ozzie and one day earlier than Dawson and has good iron chlorosis tolerance on high pH soils. Council possesses the Rps1 gene for resistance to races 1 and 2 of phytophthora root rot. Council has purple flowers, grey pubescence, brown pod color and dull yellow seeds with yellow hilum.

Breeder seed of Council will be maintained by the North Dakota Agricultural Experiment Station. Foundation seed can be obtained from the North Dakota Foundation Seedstocks Project, Department of Plant Sciences, Box 5051, North Dakota State University, Fargo, ND 58105-5051. The seed classes will be breeder, foundation, registered and certified, council will be protected under the U.S. Plant Variety Protection Act, Title V and seed will be sold only as a class of certified seed.

The variety was named Council to recognize and acknowledge the support of the North Dakota Soybean Growers and the Soybean Council.

Uniform Regional Test 0  
1992-1994. Three year mean.

	Yield	Maturity	Lodging	Plant height	Seed quality	Seed size	Composition		Fe
No. of Tests	17	18	19	20	20	20	12	12	5
Strain	bu/a	date	score	in.	score	q/100	%	%	score
Agassiz	36.8	9/14	1.2	28	1.8	14.2	41.8	19.1	3.0
Council	42.2	9/20	1.4	31	1.8	16.3	40.9	18.9	3.0
Lambert	45.2	9/22	1.5	33	1.7	16.2	42.1	19.1	2.9

Lodging 1-best, 5-worst.

Seed quality 1-best, 5-worst.

Fe is iron chlorosis score 1-best, 5-worst.

Red River Valley Test Data  
1989-1994. Five year mean.

	Yield	Maturity	Lodging	Plant height	Seed quality	Composition		Fe
No. of Tests	22	17	9	11	3	5	5	5
Strain	bu/A	date	score	in	score	%	%	score
Ozzie	33.6	9/15	1.4	34	1.4	37.0	20.8	2.5
Council	37.3	9/17	1.5	34	1.6	35.6	21.4	1.8
Dawson	34.5	9/18	2.0	35	1.7	35.5	21.7	1.9

Red River Valley Test Data  
1990-1994. Four year mean.

	Yield	Maturity	Lodging	Plant height	Fe
No. of tests	18	18	7	7	4
Strain					
Council	39.4	9/17	1.6	36	1.6
Lambert	39.6	9/21	2.3	38	1.9