

## BURLISON SOYBEANS

Burlison was developed by the Illinois Agricultural Experiment Station. It is a selection from the cross 'Century' x K74-113-76-486 (a high yielding Phytophthora resistant line). It was tested previously as LN82-9648.

Burlison has resistance to races 1-9, 13-16, 18, 21-23 and 25 of Phytophthora root rot, and has higher yield and higher seed protein content than similar varieties.

Burlison is a group II variety, averaging 6 days later than Elgin 87 and 2 days later than Century 84. It has white flowers, brown pubescence, tan pods at maturity and seeds with dull yellow coat and black hila. In addition to its Phytophthora resistance, Burlison is resistant to bacterial pustule, downy mildew and powdery mildew.

Foundation seed of Burlison was produced in 1988 and will be distributed for certified seed production in 1989. Wisconsin Certified Seed will be available for soybean production in 1990.

Plant Variety Protection under the Title V - certification only option, has been applied for. A research and development assessment will be collected on the sale of certified seed.

<u>Entry</u>	<u>Maturity</u>	<u>Yield</u>	<u>Lodging</u>	<u>Height</u>
<u>1988 4 Mean Test - Southern Wisconsin Variety Test</u>				
Burlison	9-21	36	1.3	35
Elgin 87	9-12	34	1.7	32
Century 84	9-16	29	1.4	36
Hardin	9-9	34	1.4	35
<u>1988 3 Mean Test - Central Wisconsin Variety Test</u>				
Burlison	9-27	52	2.1	39
Elgin 87	9-26	55	2.1	35
Century 84	--	--	--	--
Hardin	9-20	52	2.2	41
<u>1988 Uniform Test II - Arlington</u>				
Burlison	9-27	38	1.2	32
Elgin 87	9-16	28	1.2	24
Century 84	9-26	25	1.2	31
Hardin	9-16	35	1.2	24
<u>1986-88 3 Year Mean - Uniform II Tests - Arlington</u>				
Burlison	10-6	47	2.7	36
Elgin 87	10-1	40	2.7	32
Century 84	10-7	40	2.2	36
Hardin	9-28	48	2.8	36