

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Agripro, Incorporated

**Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture**

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

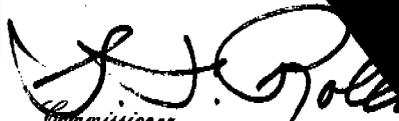
'Agripro 26'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this fifth day of March in the year of our Lord one thousand nine hundred and seventy-six



Secretary of Agriculture

Attest:



*Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service*



APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1. VARIETY NAME OR TEMPORARY DESIGNATION AGRIPRO 26	2. KIND NAME Soybean	FOR OFFICIAL USE ONLY	
		PV NUMBER 7500057	
3. GENUS AND SPECIES NAME Glycine max	4. FAMILY NAME (Botanical) Gramineae	FILING DATE 2.14.75	TIME 10 A.M.
		FEE RECEIVED \$ 250	BALANCE DUE \$ —
	5. DATE OF DETERMINATION 1972	\$ 250	\$ —
		\$ 250	\$ —
6. NAME OF APPLICANT(S) AGRIPRO, INC.	7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P. O. Box 1668 Ames, Iowa 50010	8. TELEPHONE AREA CODE AND NUMBER (515) 232-0691	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation	10. STATE OF INCORPORATION Iowa	11. DATE OF INCORPORATION 1973	

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

**Dr. Wayne R. Ellingson
P. O. Box 1668
Ames, Iowa 50010**

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- 13B. Exhibit B, Botanical Description of the Variety
- 13C. Exhibit C, Objective Description of the Variety
- 13D. Exhibit D, Data Indicative of Novelty
- 13E. Exhibit E, Statement of the Basis of Applicant's Ownership

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed? (See Section 83(a). (If "Yes," answer 14B and 14C below.) YES NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations? YES NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed? FOUNDATION REGISTERED CERTIFIED

The applicant declares that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable.

The undersigned applicant(s) of this sexually-reproduced novel plant variety believes that the variety is distinct, uniform, and stable as required in Section 41 and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant is informed that false representation herein can jeopardize protection and result in penalties.

2/10/75
(DATE)

Wayne R. Ellingson
(SIGNATURE OF APPLICANT)

(DATE)

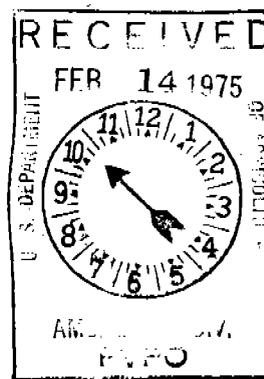
(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL: Send an original copy of the application, exhibits and \$250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, 6525 Belcrest Road, Hyattsville, Maryland 20782. (See Section 180.175 of the regulations and rules of practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- 5 Insert the date the applicant determined that he had a new variety based on the definition in Section 41 (a) of the Act and decision is made to increase the seed.
- 13a First, give the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. Second, give the details of subsequent stages of selection and multiplication. Third, indicate the type and frequency of variants during reproduction and multiplication and state how these variants may be identified. Fourth, provide evidence on stability.
- 13b First, give any special characteristics of the seed and of the plant as it passes through the seedling stage, flowering stage and the fruiting stage. Second, describe the mature plant and compare it with a similar commercial variety grown under the same conditions, and indicate the differences.
- 13c A supplemental form will be furnished by the PVPO to describe in detail a variety for each kind of seed.
- 13d Provide complete data indicative of novelty. Seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty may be submitted. Seeds submitted may be sterile.
- 13e Indicate whether applicant is the actual breeder, the employer of the breeder, the owner through purchase or inheritance, etc.





P.O. BOX 1688
AMES, IOWA 50010
(515) 232-0691

LOCATED—
1 1/2 MILES EAST OF I-35
ON NEW U.S. 30

7500057

June 11, 1975

Dr. R. J. Snyder
Examiner, Plant Variety
Protection Office
Grain Division
U.S.D.A.
6525 Belcrest Road
Hyattsville, MD 20782

Dear Dr. Snyder:

SUBJECT: Hypocotyl color on Plant Variety Protection
Application No. 7500057, Soybean, 'AGRI PRO 26'

I checked "AGRI PRO 25" and "AGRI PRO 26" concerning
hypocotyl color and found that they are both purple.

Since our records showed that AGRI PRO 26 was green,
I rechecked "AGRI PRO 20", Application No. 7500056,
and "CFS 2000", Application No. 7500081, and found
these to be purple as well. I did note that the
hypocotyl color appeared green if taken at too
early a stage. This could account for the error.
I apologize for any inconvenience this may have
caused you.

Best regards.

Sincerely yours,

Dr. Wayne R. Ellingson
Director of Research

WRE/pcs

DEVELOPERS/MARKETERS OF SUPERIOR SOYBEAN VARIETIES/BLENDS

AGRIPRO 26

"Exhibit A"

Origin and Breeding History of the Variety

1. 'AGRIPRO 26' originated in Iowa from a hand pollinated cross between 'C1426' and 'Calland' in 1968. The F1, F2, and F4 generations were advanced in a Puerto Rico winter nursery. The F3 generation and F5 plant rows were grown in Iowa. Early generations were advanced by single seed descent. AGRIPRO 20 was F4 derived. It was yield tested in 1971 through 1974.
2. In 1972 single plants were selected and grown in plant rows in 1973. Only the rows conforming to a standard type were harvested and bulked. The genetic make-up of the variety was stabilized in the seventh generation.

AGRIPRO 26

"Exhibit B"

Botanical Description of the Variety

'AGRIPRO 26' is a northern, indeterminate soybean variety of maturity group III. It matures a day earlier than Wayne, and it is adapted to areas of the Midwest where Beeson, Wayne, or Calland are adapted.

AGRIPRO 26 has purple flowers and the pubescence is grey. The seed color is yellow with an imperfect black hilum.

AGRIPRO 26 is resistant to Phytophthora Root Rot (Races 1 and 2).

AGRIPRO 26

Amended "Exhibit D"

Data Indicative of Novelty

Novelty is based on the unique combination of the following characters:

'AGRIPRO 26' is most similar to 'AGRIPRO 25', except it (1) averages 3 inches taller; and (2) yields slightly less.

IVR 1972 Tests

	<u>Yield</u>	<u>Mat</u>	<u>Ldg</u>
AGRIPRO 26	47.9	9-18	2.0
AGRIPRO 25	48.5	9-18	1.7
Mean Difference	1.4	0.0	0.3
Std. Error of Mean Difference	0.5	0.3	0.3

AGRIPRO 1973 Tests

	<u>Yield</u>	<u>Mat</u>	<u>Ht</u>	<u>Ldg</u>
AGRIPRO 26	52.8	9-24	35.0 ^{41.6} R/S	3.0
AGRIPRO 25	54.0	9-25	38.3	3.0
Mean Difference	1.2	0.8	3.3	0.0
Std. Error of Mean Difference	0.6	0.3	1.4	0.3

AGRIPRO 1974 Tests

	<u>Yield</u>	<u>Mat</u>	<u>Ht</u>	<u>Ldg</u>
AGRIPRO 26	38.2	9-22	38.0	2.0
AGRIPRO 25	39.5	9-30	35.8	2.0
Mean Difference	1.3	7.8	2.8	0.0
Std. Error of Mean Difference	0.5	4.2	1.2	0.4

EXHIBIT D

AGRIPRO 1973 Tests

<u>Variety</u>	<u>Height (Inches)</u>		
	<u>Washington Iowa</u>	<u>Marshalltown Iowa</u>	<u>Mean</u>
AGRIPRO 26	42.0	41.2	41.6
AGRIPRO 25	38.5	38.0	38.3

AGRIPRO 1974 Tests

<u>Variety</u>	<u>Height (Inches)</u>			
	<u>Ames Iowa</u>	<u>Clarence Iowa</u>	<u>Washington Iowa</u>	<u>Mean</u>
AGRIPRO 26	38.0	42.0	35.8	38.6
AGRIPRO 25	35.2	39.1	33.2	35.8

EXHIBIT D

-2-

AGRIPRO 1974 Tests:

<u>Variety</u>	<u>Yield</u>	<u>Mat</u>	<u>Ht</u>	<u>Ldg</u>
AGRIPRO 26	38.2	9-22	38"	2.0
AGRIPRO 25	39.5	9-30	35"	2.0
Wayne	38.1	9-33	37"	1.9

Iowa State 1974 Tests:

<u>Variety</u>	<u>Yield</u>	<u>Mat</u>	<u>Ht</u>	<u>Ldg</u>	<u>Emerg</u>	<u>Chlorosis</u>	<u>Seed Size</u>
AGRIPRO 26	42.2	10-1	44"	2.5	4	3	2600
AGRIPRO 25	42.6	10-2	41"	2.1	4	4	2700
Beeson	43.8	9-28	39"	2.0	1	5	2200
Wayne	39.9	10-3	40"	2.5	5	5	2700

AGRIPRO 26

"Exhibit E"

Statement of Applicant's Ownership

AGRIPRO, INC. purchased Improved Variety Research and their genetic material in 1973. Their records show and AGRIPRO believes they were the original and first breeder of 'AGRIPRO 26' variety of soybeans for which we are soliciting a certificate of protection.

See attached.

22. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED.

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant shape	AGRIPRO 25	Petiole angle	AGRIPRO 25
Leaf shape	AGRIPRO 25	Seed size	AGRIPRO 25
Leaf color	AGRIPRO 25	Seed shape	AGRIPRO 25
Leaf surface	AGRIPRO 25	Seedling pigmentation	AGRIPRO 25

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY:

VARIETY	NO. OF DAYS TO MATURITY	LODGING SCORE	PLANT HEIGHT	LEAF SIZE		CONTENT		AVERAGE NO. OF PODS PER PLANT	IODINE NO.
				Width	Length	Protein	Oil		
Submitted	128	2.5	44				%		
Name of similar variety AGRIPRO 25	129	2.1	41						

INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for completing this form:

1. Scott, Walter O. and Samuel R. Aldrich, 1970, Modern Soybean Production, The Farmer Quarterly.
2. Norman, A. G., 1963, The Soybean: Genetics, Breeding, Physiology, Nutrition, Management.
3. McKie, J. W., and K. L. Anderson, 1970, The Soybean Book.

LEAF COLOR: Nickerson's or any recognized color fan may be used to determine the leaf color of the described variety. The following Soybean varieties may be used as a guide to identify the colors listed on the form.

COLOR	VARIETY
Light Green	"Ada"
Medium Green	"Wilkin"
Dark Green	"Swift"

LEAF SIZE: The following varieties may be used as a guide to identify the relative size leaves.

SIZE	VARIETY
Small	"Amsoy"
Medium	"Bonus"
Large	"Anoka"

PLANT TYPE: The following varieties may be used as a guide to identify the plant type.

TYPE	VARIETY
Slender	"Vansoy"
Intermediate	"Wirth"
Bushy	"Adelphia"