No. 7500078

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Zwaan & De Wiljes, Ltd.

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. THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS REQUIRED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PERENNIAL RYEGRASS

'Score'

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* 18th *day of* March *in the year of our Lord one thousand nine hundred and* seventy-seven

Attest:

Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Secretary of Agriculture

FORM GR-470
(12-15-72)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

FORM APPROVED
OMB NO. 40-R3712

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: *See Reverse.*

1. VARIETY NAME OR TEMPORARY DESIGNATION SCORE	2. KIND NAME Perennial ryegrass	FOR OFFICIAL USE ONLY PV NUMBER 7500078
3. GENUS AND SPECIES NAME Lolium perenne L.	4. FAMILY NAME *(Botanical)* Gramineae	FILING DATE: March 24, 1975 TIME: 10:00 A.M. / P.M.
	5. DATE OF DETERMINATION 11 november 1974	FEE RECEIVED: $250.00 / $250.00 / $250.00 BALANCE DUE: $3·24·75 / $3·5·76 / $2·4·77
6. NAME OF APPLICANT(S) ZWAAN & DE WILJES' ZAADTEELT EN ZAADHANDEL B.V.	7. ADDRESS *(Street and No. or R.F.D. No., City, State, and ZIP Code)* Stationsstraat 124 P.O. Box 2 SCHEEMDA/the Netherlands	8. TELEPHONE AREA CODE AND NUMBER 05979 - 233
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: *(Corporation, ~~partnership, association~~ etc.)*	10. STATE OF INCORPORATION ~~Private company~~ Netherlands	11. DATE OF INCORPORATION 1914

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:
No representative. All documents relevant to this application should be sent to Zwaan & de Wiljes B.V., P.O. Box 2, Scheemda the Netherlands

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.

March 19th 1975
(DATE)

ZWAAN & DE WILJES'
ZAADTEELT EN ZAADHANDEL B.V.
(SIGNATURE OF APPLICANT)
E. Post
Director

(DATE)

(SIGNATURE OF APPLICANT)

00001

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.

RECEIVED
MAR 24 1975
U. S. DEPARTMENT OF AGRICULTURE
AMS DIV.

7500078

Zwaan & De Wiljes - Scheemda (Holland)

Attachment to Application for Plant Variety Protection Certificate
for Perennial ryegrass SCORE

SCORE has been developed for lawn- and sportsfield purposes

13A. Exhibit A

Origin and Breeding History of the Variety

1. The variety SCORE has been derived from plants collected in the northern part of the Netherlands in 1969.

2. Seed was harvested from clonal plots in 1970 and 1971. This seed was sown late 1972 in the greenhouse to determinate on individual plants the homogeneity of the clones, date of shooting and vegetative development as compared with other varieties during 1973 and 1974. In 1973 SCORE was established on 5 clones.

3. The homogeneity, based on observations on single plants of the clonal seed, was very good. It was observed that this homogeneity was better than in existing commercial varieties such as Manhattan, Pennfine or S 23. This especially in connection with shooting date and type of plants.

4. From the clonal stage till the third generation (breeder seed) there are no remarks about instability. The average shooting dates of the clonal seed plants and of the breeder seed plants are quite similar.

Zwaan & de Wiljes'
Zaadteelt en Zaadhandel B.V.
P.O. Box 2
SCHEEMDA/the Netherlands

FORM APPROVED: OMB NO. 40-R3712

FORM GR-470-36
(9-76)

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
HYATTSVILLE, MARYLAND 20782

OBJECTIVE DESCRIPTION OF CULTIVARS
RYEGRASS
(Lolium spp.)

NAME OF APPLICANT(S)

VARIETY NAME OR TEMPORARY DESIGNATION: Score

ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code)*

FOR OFFICIAL USE ONLY

PVPO NUMBER: 7500078

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in first box (e.g. [0 8 9] or [0 9]) when number if either 99 or less or 9 or less. Descriptions of characters should represent those that are typical for the variety. Ranges may be given also. Measured data should be for SPACED PLANTS. Give additional description for all characteristics that cannot be adequately described in the form below. Append all petrinent comparative trial and evaluation data.

1. SPECIES:

[2] 1 = L. MULTIFLORUM (annual or Italian: includes Westerwoldicum) 2 = L. PERENNE (perennial) 3 = L. RIGIDUM (includes Wimmera) 4 = HYBRID (of species) _____ 5 = OTHER *(Specify)* _____

2. PLOIDY:

[1] 1 = DIPLOID 2 = TETRAPLOID 3 = OTHER *(Specify)* _____

3. DURATION:

[3] 1 = ANNUAL OR BIENNIAL 2 = SHORT LIVED PERENNIAL (3-4 years) 3 = PERENNIAL (more than 4 years)

STANDARD CULTIVARS

1 = GULF 2 = WIMMERA 62 3 = LINN 4 = PELO
5 = NORLEA 6 = ABERYSTWYTH S-23 7 = MANHATTAN 8 = PENNFINE

4. MATURITY (50% HEADED) Use standards from above for comparison:

[7] 1 = VERY EARLY 3 = EARLY 5 = MEDIUM 7 = LATE 9 = VERY LATE

[- 2] DAYS EARLIER THAN ..... [4] STANDARD CULTIVAR

[0 9] DAYS LATER THAN ..... [7] STANDARD CULTIVAR

5. MATURE PLANT HEIGHT (Use standard cultivars from above) :

[0 7 5] CM. HIGH

[0 0 5] CM. SHORTER THAN ..... [4] STANDARD CULTIVAR

[0 0 8] CM. TALLER THAN ..... [7] STANDARD CULTIVAR

6. PERCENT WINTER DAMAGE (estimated as percent of the area appearing dead). Use standard cultivars from above for comparison:

[0] PERCENT DAMAGE OF APPLICATION CULTIVAR

[0] PERCENT DAMAGE OF ..... [7] STANDARD CULTIVAR

7. TURF DENSITY Use standard cultivars from above:

[1 8 5] TILLERS PER 100 SQ. CM.

[ ] LESS TILLERS PER 100 SQ. CM. THAN .... [ ] STANDARD CULTIVAR

[0 0 6] MORE TILLERS PER 100 SQ. CM. THAN ... [7] STANDARD CULTIVAR

8. FLAG LEAF (at full growth) Use standard cultivars from above:

[9 . 2] CM. LENGTH (from ligule to tip)

[3 . 9] MM. WIDTH (at widest point)

[0 . 7] CM. SHORTER THAN ..... [4] STANDARD CULTIVAR

[7] FLAG LEAF AT BOOT STAGE: 1 = DEFLEXED 3 = RECURVED 5 = HORIZONTAL 7 = SEMI-ERECT 9 = ERECT

[1 . 5] CM. LONGER THAN ..... [8] STANDARD CULTIVAR

[0 . 2] MM. NARROWER THAN ..... [4] STANDARD CULTIVAR

[0 . 1] MM. WIDER THAN ..... [7] STANDARD CULTIVAR

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4 of

icate

New Novelty Statement Score

Score belongs to the group of turf types.
That means - prostrate or medium prostrate plants
low growth
dense plants
late or very late maturity (50% headed)
turfs are dense and resistant to wear

So Score is more similar to Manhattan, Sprinter and Pennfine than any other variety.

Score differs from Manhattan by being 9 days later and having a lighter foliage color (significant at 5%).

Score differs from Sprinter by being 6 days earlier and having a lighter foliage color (sign. at 1%).

Score differs from Pennfine by being 26 days later. (Pennfine is a turf type variety, but is not late).

7500078

origineel

Wageningen, 18 maart 1975

Voorgeslotenen afschrift,

DE SECRETARIS,

RAAD VOOR HET KWEKERSRECHT WAGENINGEN

form. 1.1

Aan de Raad voor het Kwekersrecht

Postbus 104

Wageningen

AANVRAGE
tot verlening van het kwekersrecht

1. GEWAS: Engels raaigras — voorlopige aanduiding: ZW 42-65

voorgestelde benaming: SCORE

2. AANVRAGER(S)

a. naam en voornamen, resp. benaming (bij rechtspersonen):
Zwaan & de Wiljes' Zaadteelt en Zaadhandel B.V.

b. adres: Stationsstraat 124, Scheemda

c. mede-aanvrager(s): -----

d. namens alle aanvragers is bevoegd om t.o. de Raad op te treden:
-----

3. GEMACHTIGDE IN NEDERLAND
(alleen invullen indien de aanvrage via een gemachtigde wordt ingediend; tevens dan ook volmachtformulier 5 meezenden)

a. naam en voornamen, resp. benaming (bij rechtspersonen):

-----

b. adres:

4. KWEKER
(sub b alleen invullen indien de aanvrager niet de kweker is)

a. Aanvrager(s) verkla(a)r(t)(en) het ras door eigen kweekarbeid gewonnen te hebben, resp. dat naar zijn (hun) weten geen andere (rechts)personen dan hieronder vermeld, bij het kweken van het ras betrokken waren.

b. 1 naam en voornamen, resp. benaming (bij rechtspersonen):

2 adres (ook land vermelden):

3 de aanspraak van de kweker is op de aanvrager(s) overgegaan krachtens:

5. IN HET VERKEER BRENGEN VOOR HET TIJDSTIP VAN DE AANVRAGE
(doorhalen wat niet van toepassing is)

a. aanvrager(s) verkla(a)r(t)(en), dat met toestemming van hem (hen) of van zijn (hun) rechtsvoorganger(s) vóór het tijdstip van indiening van deze aanvrage, noch in Nederland, noch daarbuiten langer dan 4 jaar geleden teeltmateriaal van het ras in het verkeer is gebracht.

b. sedert is in onder de naam van dit ras, met toestemming als sub a vermeld, teeltmateriaal in het verkeer gebracht.

z.o.z.

HET ONDERSTAANDE NIET INVULLEN

aanvrage nr. : L 3085	*reg.blad* :	*form. 51.1/4 verz.* :	✓
form.ontv. 12 NOV. 1974 *0 9 00	*voortg.krt* :	*publ.lijst* :	
betaling ontv. 14 NOV. 1974 *24 00	*kwekerskrt* :	*form. 51.3/4 ontv.* :	
tijdstip aanvrage 14 NOV. 1974 *24 00	*naamkrt* :	*form. 51.3 verz.* :	00009

14 NOV. 1974 7500078 form.nr. 150

Origineel/afschrift

RAAD VOOR HET KWEKERSRECHT

Aanvrage nr. L 3085

GRAS

BESCHRIJVINGSBLAD
behorende bij het aanvrageformulier voor

gewas Engels raaigras
voorlopige aanduiding ZW 42-65 (Score)

groep of type waartoe het ras behoort sportveldtype

1. Het ontstaan of opbouw van het ras

De veredeling is begonnen in 19 69
Het ras is als volgt ontstaan uit op Texel verzameld materiaal, gevolgd door klonenselectie

2. Geschiktheid voor bepaalde teeltwijzen of groeiomstandigheden

Het veredelingsdoel was het kweken van een sportveldtype

De ervaringen zijn zeer dichte, fijne zode met een trage groei.

3. Eigenschappen van het ras

Chromosomenaantal
Het chromosomenaantal van de planten bedraagt 2n = 14

Blad
De kleur van de bladeren voor de bloei komt ongeveer overeen met die van het ras Marathon
De breedte van de bladeren komt ongeveer overeen met die van het ras Sprinter

~~Ontwikkeling~~
Bij uitzaai omstreeks april of mei komt in het jaar van uitzaai *geen/een klein deel/omstreeks de helft/het merendeel/het totaal* der planten in aar

Tijdstip van doorschieten
In het jaar volgend op het jaar van uitzaai (tweede jaar) komt het ras ongeveer gelijktijdig in aar met het ras Semperweide

Indien de planten in het tweede jaar omstreeks het tijdstip van in aar komen of kort daarna worden afgemaaid schiet *geen/een klein deel/omstreeks de helft/het merendeel/het totaal* der planten opnieuw door

Halm
Bij rijpheid zijn de halmen ongeveer even lang als die van het ras Semperweide

4. Overeenkomst met andere rassen

Het ras vertoont overeenkomst met Marathon
maar verschilt daarvan door een veel dichtere zode en trage groei

5. Verdere bijzonderheden

Van belang voor het onderzoek naar de zelfstandigheid kan voort zijn zeer dichte zode en fijnbladigheid in het gazon met een goede winterkleur. Verder verdraagt het ras een lagere stikstofgift dan de huidige rassen bestemd voor sportvelddoeleinden.

Wageningen, 18 maart 1975
Voor eensluidend afschrift,
DE SECRETARIS,

RAAD VOOR HET KWEKERSRECHT WAGENINGEN

Scheemda, 11 november 1974

Aldus zo volledig mogelijk en naar beste weten opgemaakt te
(plaats, datum en handtekening)
ZWAAN & DE WILJES'
ZAADTEELT EN ZAADHANDEL B.V.

00011

7500078

origineel

Wageningen, 18 maart 1975

Voor eensluidend afschrift,

DE SECRETARIS,

RAAD VOOR HET KWEKERSRECHT WAGENINGEN

form. 1.1

Aan de Raad voor het Kwekersrecht

Postbus 104

Wageningen

AANVRAGE
tot verlening van het kwekersrecht

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voorgestelde benaming: SCORE

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b. adres: Stationsstraat 124, Scheemda

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(alleen invullen indien de aanvrage via een gemachtigde wordt ingediend; tevens dan ook volmachtformulier 5 meezenden)

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---

b. adres:

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(sub b alleen invullen indien de aanvrager niet de kweker is)

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(doorhalen wat niet van toepassing is)

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b. sedert is in onder de naam van dit ras, met toestemming als sub a vermeld, teeltmateriaal in het verkeer gebracht.

z.o.z.

HET ONDERSTAANDE NIET INVULLEN

aanvrage nr. : L 3085	*reg.blad* :	*form. 51.1/4 verz.* :	
form.ontv. 12 NOV. 1974 *0 9 00	*voortg.krt* :	*publ.lijst* :	
betaling ontv. 14 NOV. 1974 *24 00	*kwekerskrt* :	*form. 51.3/4 ontv.* :	
tijdstip aanvrage 14 NOV. 1974 *24 00	*naamkrt* :	*form. 51.3 verz.* :	00009

Attachment to Application for Plant Variety Protection Certificate
for Perennial ryegrass SCORE

13B. Exhibit B

Botanical description of the Variety

1. During the whole growing period from the seedling stage till the mature plant SCORE gives a much more lighter foliage than Manhattan and Sprinter. The leafwidth is about similar to Sprinter and Manhattan, but the flag leaves are a little longer than and not as sturdy as those of Sprinter and Manhattan.

2. The ears of SCORE are somewhat longer than those of Manhattan and Sprinter.

   The type of plant is not quite as flat as Manhattan and Sprinter.

   The density of the plant is better than that of Manhattan, but not quite as good as that of Sprinter.

Zwaan & de Wiljes'
Zaadteelt en Zaadhandel B.V.
P.O. Box 2
SCHEEMDA/the Netherlands

New Novelty Statement Score

Score belongs to the group of turf types.
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low growth
dense plants
late or very late maturity (50% headed)
turfs are dense and resistant to wear

So Score is more similar to Manhattan, Sprinter and Pennfine than any other variety.

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Score differs from Pennfine by being 26 days later. (Pennfine is a turf type variety, but is not late).

Attachment to Application for Plant Variety Protection Certificate
for Perennial ryegrass SCORE

13E. Exhibit E

Statement of the Basis of Applicant's Ownership

Applicant, Zwaan & de Wiljes' Zaadteelt &
Zaadhandel B.V., Stationsstraat 124,
P.O. Box 2, SCHEEMDA, the Netherlands,
is the actual breeder.

Zwaan & de Wiljes'
Zaadteelt en Zaadhandel B.V.
P.O. Box 2, SCHEEMDA/the Netherlands