

CROP CERTIFICATE

15-7000041-521

CERTIFICAT DE RECOLTE

GROWN BY: ()  
 UNIVERSITY OF SASKATCHEWAN  
 CROP DEVELOPMENT CENTRE  
 PLANT SCIENCE DEPARTMENT, 51 CAMPUS  
 SASKATOON, SASKATCHEWAN S7N 5A8

2015  
 Crop Season - Saison de récolte

04/02/2016  
 Date Issued - Délivré le

This certifies that the following crops have met the certification requirements of the Canadian Seed Growers' Association.  
 Ceci atteste que les cultures suivantes ont été produites conformément aux exigences de l'Association canadienne des producteurs de semences.

**GAZELLE RYE - SPRING**

Variety - Variété

Kind - Espèce

**BREEDER : SELECTIONNEUR**

Status - Classement

Field No. N° du champ	Area Superficie	Crop Report Seq No. N° séq. rapport d'inspection	Field No. N° du champ	Area Superficie	Crop Report Seq No. N° séq. rapport d'inspection
KERNEN F-4-1	0.66	1884			
		.66 Acres			.27 Hectares

Field # KERNEN F-4-1  
 THIS IS AN OECD REGISTERED VARIETY.

Certificate is invalid unless this area is completed.

Le certificat n'est pas valide si cette section n'est pas remplie.

I hereby declare that the seed from this crop has not become mixed with any other seed while in my possession, except as authorized by the Seeds Regulations of Canada, and that the total quantity of seed harvested from this crop before cleaning was:

591

Kg.

J'atteste par la présente que la semence provenant de cette culture n'a pas été mélangée à d'autres semences en ma possession, sauf avec l'autorisation du Règlement sur les semences du Canada, et que la quantité totale de semences récoltées provenant de cette culture avant nettoyage était :

*David Bengtson*

Signature of grower (or assignee if covered by separate declaration from grower)      Signature du producteur (ou du cessionnaire si couvert par une déclaration séparée du producteur)

The grower named on this certificate has been accepted as a regular member in accordance with the Bylaws of the Canadian Seed Growers' Association.

Le producteur nommé dans ce certificat a été accepté comme membre régulier conformément aux règlements de l'Association canadienne des producteurs de semences.

*Dale Adolph*  
 Executive Director - Directeur Exécutif

## GAZELLE SPRING RYE

Gazelle spring rye (*Secale cereale* L.) was developed by the Department of Crop Science, University of Saskatchewan, Saskatoon, Sask. and originated from a single plant selection made in an introduced strain of fall rye from Germany. It was tested as strain K9693. Gazelle has been superior in yield to Prolific spring rye in all tests conducted in Western Canada, the average yield increase over Prolific being about 30% (Table 1). It is similar to Prolific in plant height and maturity but is more resistant to ergot (*Claviceps purpurea* (Fr.) Tul.) infection. The kernels are similar in size to those of Prolific but they have a more uniform appearance and are superior in hectoliter weight and starch content.

License number 1528 was issued for the cultivar Gazelle by the Plant Products Division of the Production and Marketing Branch, Agriculture Canada, in March, 1974.

**Description**

**SPIKE.** Bearded, dense, tapered from base to tip, medium length.

**KERNEL.** Medium size, smooth surface, elliptical, grey-blue, uniform.

**STRAW.** Medium thickness, medium length, slightly less susceptible to lodging than Prolific.

**MATURITY.** About 100 days, the same as Prolific.

**DISEASE REACTION.** Less susceptible to ergot than Prolific.

**Pedigreed Seed Stocks**

Breeder seed will be maintained and distributed by the Department of Crop Science, University of Saskatchewan, in cooperation with the Canadian Seed Growers Association. An initial distribution of pedigreed seed was made in 1974 and a general release will be made in the spring of 1975.

F. W. SOSULSKI<sup>1</sup> and W. A. CURRAN<sup>2</sup>

<sup>1</sup>Department of Crop Science, University of Saskatchewan, Saskatoon, Sask. S7N 0W0 and <sup>2</sup>Distillers Corporation — Seagrams, Montreal, Quebec H3A 1S9. Received 5 Nov. 1974, accepted 22 Nov. 1974.

Table 1. Agronomic and quality characteristics of Prolific and Gazelle spring ryes in cooperative tests in Western Canada, 1970-1973

Cultivar	Yield (q/ha)	Days to mature	Height (cm)	Lodging resistance 1-9†	1,000-kernel wt (g)	Hecto-liter wt (kg)	Protein content (%)	Starch content (%)
Prolific	21.2	98	101	3.3	27	71	15.5	49.3
Gazelle	27.5	98	103	2.9	27	75	14.5	53.2
Station-years	27	9	17	7	18	18	8	5

†1 = resistant to lodging; 9 = susceptible to lodging.