

# Dual Purpose Forage & Grain



## KWS SERAFINO Pollen PLUS

KWS SERAFINO provides very high yields on all soil types across Canada. KWS SERAFINO is known by farmers for its dual-purpose attributes of high grain, straw and forage yields. Strong ergot protection from PollenPLUS® technology makes KWS SERAFINO a great fit for all grain markets.

	KWS SERAFINO	Average of Hybrid Rye check varieties	Average of traditional rye check varieties
Yield (%)	100%	97%	77%
Winter Survival (%)	80	78	88
Height (cm)	88	86	103
Lodging (1-9)	3.6	3.4	3.9
Test Weight (kg/hL)	71.8	72.3	72.5
Ergot (%)	0.7	0.9	0.7

Source: Fall Rye Western Cooperative Registration Trials 2016-17, 2017-18, 2018-19\*

### Main features

#### High grain, straw & forage yields:

- 3% grain yield over hybrid checks\*
- 30% grain yield over traditional checks\*

### Variety Highlights

- Excellent yields
- Fit for grain and forage
- Strong ergot protection

### End Use Markets

- Food
- Feed
- KWS **COVER+**<sup>™</sup>  
soil protection program



# KWS RyeGHT Seeding Practices

## RyeGHT Rate and Time

The standard seeding rate is **1 unit/acre** under good conditions for grain or forage use. To establish hybrid fall rye successfully, three weeks of good growing conditions are needed. Seeding rate decision factors include: moisture and heat units at seeding time, trash penetration, and seed row spacing. The suggested seeding rate and target shoot growth are as follows:

Earlier Seeding	
Units/acre	1.0 – 1.2
Target shoot growth	4 – 6 inches
Later Seeding	
Units/acre	1.0 – 1.4
Target shoot growth	3 – 4 inches

\*Please consult provincial crop insurance deadlines for insurable planting dates.

## RyeGHT Preparation:

Fall is busy, and fall seeded crops require proactive planning. Select well drained fields that are free of residual herbicides. Know where you plan to seed your hybrid rye before seeding your spring crop, seed that spring crop early, and spread the trash evenly during harvest to limit residue issues. Have your drill cleaned and ready after spring seeding is complete.

## RyeGHT Seed Placement:

Seed shallow at a **¾" depth** with a travel speed of <4.5 mph into a firm seed bed to maintain consistent seed depth. Seeding deeper or faster will result in higher seedling mortality and a reduced stand. Maintain a **¾"** seed depth even if the soil is dry and wait for rain. Narrow row spacing of 6-7.5" is optimal for hybrid fall rye. If seeding on 10-12" spacing, speed, depth, and rate are more critical to eliminate skips and gaps in the field.

## RyeGHT Stand:

The plant stand target is **16-18 plants/ft<sup>2</sup>** (grain) and **16-20 plants/ft<sup>2</sup>** (forage). Even emergence and achieving the target stand will provide the most consistent yields and the best resistance against ergot.

## RyeGHT Pest Control:

To protect seedlings against disease and insects, hybrid fall rye should be professionally treated with a registered seed treatment. A pre-plant or pre-emergent herbicide application is important to control weeds when the hybrid rye is the least competitive. If weed pressure is high in spring, an in crop herbicide application may be required. A well established hybrid rye stand will be competitive with most spring emerging weeds.

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