

# Rushmore II

early maturity orchardgrass



## RUSHMORE II

ORCHARDGRASS

- EARLY MATURITY
- EXCELLENT WINTER HARDINESS
- SUPERB FORAGE YIELDER
- ENHANCED DISEASE RESISTANCE
- HIGH FEED QUALITY

### EARLY MATURING FOR HIGH QUALITY

**Rushmore II** is an early-maturing orchardgrass ideal for use in grazing and hay operations. An ideal fit for colder northern climates, **Rushmore II** exhibits excellent winter hardiness, but also performs well in further South locations as seen in University of Kentucky forage variety trials. **Rushmore II** produces tons of forage that is very high in protein, perfect for dairy cows or beef cattle. With improved disease resistance, **Rushmore II** can withstand grazing pressure as well. **Rushmore II** has great seedling vigor, establishes quickly, and persists as a variety with 25+ trial years in university variety trials, it performs in a wide geography.

**2016 UK TRIAL DATA**

VARIETY	SEEDLING VIGOR <sup>1</sup>	MATURITY <sup>2</sup> 2015	DISEASE RESISTANCE <sup>3</sup>	YIELD 3-YEAR TOTAL
<b>RUSHMORE II</b>	<b>3.8</b>	<b>52.3</b>	<b>5.0</b>	<b>10.11*</b>
PRAIRIE	4.1	56.0	4.5	10.64
PERSIST	3.4	56.0	5.0	9.95
PROFIT	4.0	52.8	4.3	9.63
BENCHMARK PLUS	3.1	56.5	5.8	9.14
POTOMAC	4.3	56.5	4.8	9.06
LSD VALUE	1.4	4.5	0.9	2.33

UNIVERSITY OF KENTUCKY FORAGE TRIAL SOWN SEPTEMBER 7, 2012 AT LEXINGTON, KENTUCKY.

<sup>1</sup>Vigor score based on a scale of 1 to 5 with 5 being the most vigorous seedling growth.

<sup>2</sup>Maturity rating scale: 37=flag leaf emergence, 45=boot swollen, 50=beginning of inflorescence emergence, 58=complete emergence of inflorescence, 62=beginning of pollen shed.

<sup>3</sup>Disease score based on a scale of 1 to 9 with 9 being almost all leaves affected.

\*Not significantly different from the highest numerical value in the column, based on the 0.05 LSD.

**2019 CORNELL TRIAL DATA**

VARIETY	2017 YIELD	2018 YIELD	2019 YIELD	3-YEAR TOTAL
<b>RUSHMORE II</b>	<b>7.90</b>	<b>5.77</b>	<b>4.29</b>	<b>17.95</b>
ECHOLON	8.17	5.30	4.35	17.82
INVALE	8.20	5.23	4.19	17.62
POTOMAC	7.71	5.61	4.22	17.53
PENNLATE	7.39	5.59	4.35	17.33
TRAIL BURST	8.12	4.77	4.29	17.18
TREPONSO	7.00	4.68	3.93	15.61
LYRA	6.62	4.13	3.74	14.49

CORNELL UNIVERSITY FORAGE TRIAL AT ITHACA, NEW YORK.

**ESTABLISHMENT** Plant at a rate of 15-20lbs./ac. Proper seed bed preparation is essential. A soil sample will identify necessary inputs to achieve proper pH, P, K and other macronutrient levels (extension service or agronomy supplier can advise). Use of a non-selective herbicide will reduce weed competition; spray per label recommendation when crop is mature enough. No-till seeding is generally very effective. Avoid planting too deep. Irrigation to supplement seasonal moisture, if available, will insure best establishment and fill-in. Plants should be firmly established before grazing is allowed. Particularly in the first year, overgrazing can seriously reduce stand longevity.

**MANAGEMENT** Proper management begins with correct fertilization. Soil sampling is a great tool to get baseline soil fertility inventory, especially on pH, organic matter, phosphorus, potassium and other macro and micro elements to best determine application rates based on soil maintenance and nutrient removal. Correct nitrogen application rates should consider organic matter, yield goals, stocking rate, etc. Your local agronomy input supplier or extension service can provide valuable regional information.

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