

Kentaur

Tetraploid Perennial Ryegrass

- Excellent resistance to leaf spot and crown rust
- High in sugars
- Early spring growth
- Cold and heat tolerant

Kentaur is a medium-late maturing tetraploid perennial ryegrass, delivering high dry matter yield when used for silage, hay, or pasture. Kentaur provides excellent forage quality and consistency. Being a tetraploid, Kentaur grows tall and tillers well, giving it the ability to recover after cutting. Kentaur's higher sugar content supports ensiling, increasing its overall flexibility and making this variety a top choice for the livestock and/or forage producer.



Elite Variety symbols represent varieties in the Forage First® portfolio which demonstrate the highest industry standards in quality.

HEALTHY THROUGHOUT THE SEASON - COLD & HEAT TOLERANT

With its resistance to leaf spot (spring) and rust (summer and fall), Kentaur stays healthy through the growing season. Kentaur has shown excellent winter hardiness and tolerance to cooler temperatures after spring green up. Kentaur's performance (and persistence) tops University of Kentucky trials, proving how well adapted this variety is to heat and humidity.

HIGH DM AND QUALITY

Kentaur is suited for both mechanical harvest (silage & dry hay) or grazing, making this variety a top choice when high yields and exceptional quality are expected.

Perennial ryegrass is best suited for milder climates, where drought and elevated temperatures aren't as common. Although improved varieties offer increased disease resistance, crown rust can easily overtake a population (even with varieties that offer some protection). Perennial ryegrass includes both diploid and tetraploid varieties. Tetraploid varieties are usually taller, with wider leaves and longer tillers - offering greater production consistently. Tetraploids are commonly less dense, which makes them a good option when mixed with legumes. They also tend to be more effective in grazing environments, however they typically don't persist as long as diploid options. While diploids often have deeper crowns, which make them more tolerant to stress and traffic, they also provide better sod coverage, which is valuable for quick establishment in multiple soil environments.

FORAGE FIRST® FACTOR

KENTAUR CHARACTERISTICS

ESTABLISHMENT	FAST
PERSISTENCE	HIGH
DROUGHT TOLERANCE	MED
WINTER HARDINESS	MED HIGH
PALATABILITY	HIGH
YIELD POTENTIAL	HIGH
GRAZING TOLERANCE	HIGH

PLANTING TIMES

SPRING PLANTING	FEB - MAY
FALL PLANTING	AUG - SEP
LIFE CYCLE	PERENNIAL

SEEDING RATE (LBS/ACRE)

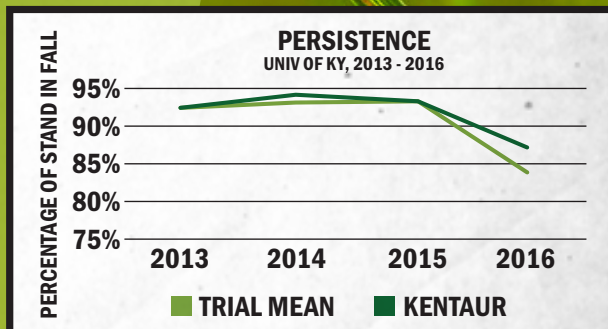
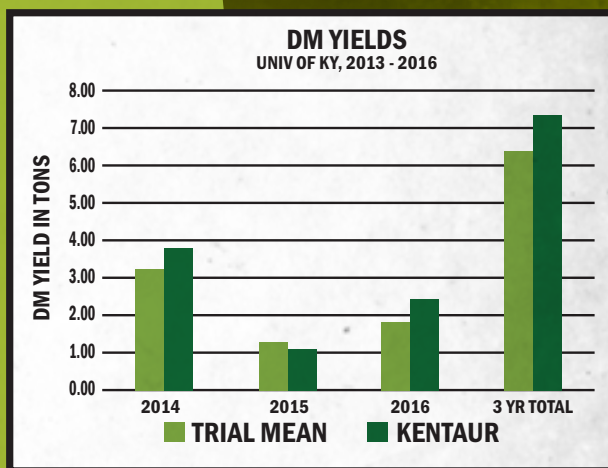
ALONE	30 - 40
MIXES	6 - 10
EMERGENCE (DAYS)	5 - 14

ROTATIONAL GRAZING

BEGIN (IN)	8 - 12
STOP (IN)	2 - 4
AVERAGE DAYS REST	15 - 30

HARVEST MANAGEMENT

ONCE ESTABLISHED, RYEGRASS CAN BE GRAZED (EVEN CONTINUALLY) AS QUICK AS 3-4" IN HEIGHT ASSUMING WET CONDITIONS DON'T RUIN STAND. LESS DM WILL REQUIRE LONGER CURING TIMES RELATIVE TO OTHER COOL-SEASON GRASSES.



UNIVERSITY OF KENTUCKY VARIETY	PERCENT STAND (FALL)				YIELD (TONS/ACRE)			
	2013	2014	2015	2016	2014	2015	2016	3 YR TOTAL
KENTAUR	97	99	98	90	3.80	1.11	2.46	7.37
BRAND A	100	98	97	82	2.87	1.57	2.14	6.58
BRAND B	99	100	98	92	3.02	1.43	2.08	6.53
BRAND C	98	100	99	89	3.41	1.31	1.77	6.49
BRAND D	88	93	85	81	3.49	1.35	1.61	6.44
BRAND E	98	98	98	94	3.05	1.19	1.81	6.05
BRAND F	99	98	96	66	2.53	1.39	2.07	5.98
MEAN	97	98	98	86	3.25	1.31	1.86	6.42
CV%	3	2	6	12	10.27	19.88	25.78	11.55
LSD (P=0.05)	4	3	8	15	0.48	0.38	0.69	1.07

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