

Technical Report





Extended Growth – More than One Season

Halsey is a "Lolium hybridum", otherwise known as an Intermediate ryegrass. It is an improvement over BestFor Plus, offering later maturity, long and wide leaves, and high yields. Halsey also offers the potential for extended growth beyond short-lived annual ryegrasses. This extension can be useful for boosting worn-out pastures, providing high yielding nutritious feed for winter damaged lands, and other short-term forage needs. Under proper management, and in a cool-season region, Halsey can express this extended longevity when planted in the spring as well as in the fall.

Forage Quality

Halsey's tetraploid and late-maturity characteristics enhance its forage guality, making it ideal for high-demand livestock such as dairy and lactating livestock for both direct consumption as well as stored feed.

Northern Forage Yields

Halsey has been tested in the northern states of New York, Michigan, and Pennsylvania. Whether planted in late spring or early fall, Halsey has the ability to provide abundant forage for multiple seasons and excellent regrowth.

Southern Forage Yields

Halsey has shown the ability to provide good forage yields in numerous environment and conditions under late fall plantings in southern regions where winters may be mild, have cold snaps and be subject to both drought and excess moisture.

Winter Survival

Halsey has demonstrated the ability to survive northern winters in multiple states. Regions with harsh, open winters should be cautious until tested specifically in those regions.

Planting Information

Depending on location, Halsey may be planted in the Spring or Winter. In warmer, humid climates it will likely not survive through the hot summer months.

Seeding Rate New Pastures: 25–35 lbs/ac Overseeding: 10–15 lbs/ac

Other Information 1/8"-1/2" Planting Depth Optimal pH Range 6.0–7.0 Germination 5-10 days

FORAGE QUALITY*

Auburn	Universit	ty, Head	land, AL	. 2021-2	2

Variety	CP%	NDF	ADF	TDN	RFQ
Koga	14.80	46.20	24.90	72.58	203
Halsey	13.40	44.80	25.10	72.35	202
FrostProof	14.30	45.20	25.30	72.14	193
Big Boss	14.10	46.70	26.20	71.12	193
Baqueano	14.40	47.10	26.80	70.50	191
Dexter	14.50	47.90	26.50	70.06	190
Attain	12.90	45.60	26.10	71.25	190

*Average 3/25 and 4/13 cuttings. Sown November 17, 2021.

NORTHERN FORAGE TRIAL (Tons DM/A) Cornell University, Ithaca, NY, 2022-23

	2022		2023		Total
	1-Aug	12-Oct	22-May	10-Jul	Yield
Halsey	0.89*	0.90*	2.17*	0.86*	4.82
DynaPlus	0.85*	0.80*	2.20*	0.74	4.58
Meroa	0.65*	0.85*	2.14*	0.81*	4.45
AMP	0.82*	0.88*	2.06*	0.57	4.33
Green Spirit	0.59	0.73	2.01*	0.76	4.09
Feast II	1.07*	0.79*	1.53	0.68	4.06
Mervana	0.64*	0.73	1.90	0.76	4.02
Gulf	0.66*	0.61	1.73	0.56	3.57
LSD (.05)	0.44	0.15	0.23	0.08	—

*Statistically equal to top entry.

SOUTHERN FORAGE TRIAL (Pounds DM/A) Auburn University Crossville AL 2021-23

Auburn Oniversity, Crossvine, AL 2021-22						
Variety	21-Mar	13-Apr	2-May	31-May	Total	
Halsey	356	2027	2238	3134	7755	
FrostProof	505	2297	1944	2482	7228	
Attain	445	1966	2356	2171	6938	
Koga	231	1794	2054	2790	6869	
Big Boss	436	2392	1885	2146	6858	
Dexter	185	1746	1943	2594	6469	
Baqueano	301	2101	1964	2004	6370	
Mantis	393	1944	1840	2006	6183	
Green Dragon	515	1941	1957	1727	6140	
LSD at 10% level	174	355	277	397	645	

Sown November 17, 2021.