



KEY FEATURES

- Full Season Performance
- Medium-Late Maturity
- High Digestibility

SOLD SEASON-LONG PERFORMANCE

Mantis grows quickly and provides abundant leafy forage throughout the peak cool-season forage window. Mantis can provide both early growth as well as sustained season-long forage production.

MEDIUM-LATE MATURITY

Mantis is ideally matched for the primary cattle production areas of the south. Bred to provide peak performance mid-season, Mantis doesn't start too early and doesn't continue on too long, rather, it is just right for providing abundant grazing and multiple high-tonnage hay cuttings over the course of the cool-season production spring season.

**Auburn University – Fairhope, AL
2021-22 Forage Yields (Lbs DM/A)**

Variety	1 st Cut 12/16	2 nd Cut 1/7	3 rd Cut 2/10	4 th Cut 3/7	5 th Cut 3/25	6 th Cut 4/19	Season Total
Top Score	1,290	902	1,188	1,841	1,747	2,078	8,550
Mantis	1,290	751	1,065	1,532	1,557	1,771	7,967
FrostProof	931	761	1,041	1,662	1,679	1,692	7,766
Nelson	1,029	740	988	1,574	1,509	1,671	7,511
Big Boss	921	762	1,062	1,479	1,436	1,788	7,447
Ranahan	900	703	914	1,561	1,560	1,806	7,444
Wax Marshall	721	759	842	1,599	1,642	1,869	7,431
LSD 0.10	N.S.	137	16	163	158	163	575

MULTI-PURPOSE

Grazing: Expect solid, consistent animal gains when grazing Mantis, especially when practicing rotational grazing. Mantis is safe for all livestock and can be planted straight or with other grasses and legumes.

Hay and Silage: Mantis can provide multiple harvests all season long, as well as a valuable large late season single-cut for silage production with abundant yields and tetraploid-quality feed value.

Wildlife: Tetraploid-sweet Mantis is a great addition to wildlife blends. Mantis can draw in the fall game, as well as feed next year's targets with abundant spring forage production.

**Mississippi State University
2024-24 Forage Yields (Lbs DM/A)**

Variety	Coffeerville	Brooksville	Newton	Ave. all sites
	Cut 4/5, 5/2	Cut 3/13, 5/1	Cut 4/5, 5/2	
Top Score	8,787	8,516	10,808	8,664
Mantis	8,055	6,781	9,842	8,226
FrostProof	7,566	7468	9266	8,100
Big Boss	7,461	7,662	7,985	7,703
Nelson	8,878	6,365	7,717	7,623
Prine	6,189	6,652	9,103	7,315
TAMTBO	7,546	7,081	7,190	7,272
LSD 0.10	NS	NS	NS	

Selected varieties shown. Complete data available upon request

PLANTING INSTRUCTIONS

Prior to Planting

For optimal performance, prior to planting, obtain a soil test. Amend soil according to recommendations and fertilize after planting according to recommendations and use.

When to Plant

Plant in the fall as adequate moisture is available to obtain maximum forage yields. If planted at other times of the year, performance will be limited.

How to Plant

Mantis can be drilled or broadcast into either a prepared seedbed or an existing sod bed. For prepared seedbed, lightly disc and pack well. For existing sod bed, reduce existing sod height as much as possible

Seeding Rate

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

Other Information

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

Fertilization

Apply per soil test recommendations at time of planting and after each cutting. Use of legumes can reduce applications of commercial nitrogen.

Learn More at SmithSeed.com