

Table 1. American Forage and Grassland Council members that are farm producers, from the private sector (seed companies, pest management, service providers, etc.), and from the public sector (Extension specialists/agents, conservationists, researchers, etc.) were asked to rate these 32 management practices for economic efficiency. The scale was A) 2 = very positive economic impact (>10% improvement in net farm income), B) 1 = slight positive economic impact, C) 0 = neutral (not positive or negative), D) -1 = slight negative economic impact, or E) -2 = very negative economic impact (>10% reduction of net farm income). Mean ratings (\pm 95% confidence interval) are presented for the producer, private, and public sectors, but with a separation between those respondents from predominately tall fescue-based pastures and all other forage systems. Data are sorted by overall mean rating, with the top 10 practices by mean rating highlighted in blue and in black text. The lowest rated 10 practices are highlighted in red and in yellow text. **These highlight and font colors will be used in the tables that follow.**

Practices	Producer						Private						Public						Overall Mean		
	Tall Fescue			Other			Tall Fescue			Other			Tall Fescue			Other					
soil testing	1.43	\pm	0.18	1.47	\pm	0.20	1.85	\pm	0.20	1.56	\pm	0.34	1.55	\pm	0.14	1.65	\pm	0.14	1.58	\pm	0.20
extending grazing season/feeding less hay	1.73	\pm	0.15	1.43	\pm	0.16	1.77	\pm	0.24	1.00	\pm	0.65	1.70	\pm	0.13	1.77	\pm	0.13	1.57	\pm	0.24
correcting soil PH (e.g., lime)	1.38	\pm	0.22	1.10	\pm	0.24	1.77	\pm	0.33	1.50	\pm	0.35	1.38	\pm	0.18	1.40	\pm	0.27	1.42	\pm	0.26
rotational stocking (1-2 moves/wk)	1.49	\pm	0.20	1.02	\pm	0.23	1.38	\pm	0.52	1.50	\pm	0.35	1.49	\pm	0.14	1.36	\pm	0.22	1.37	\pm	0.28
better establishment techniques or tools	1.42	\pm	0.17	1.42	\pm	0.18	1.08	\pm	0.35	1.56	\pm	0.34	1.16	\pm	0.18	1.19	\pm	0.18	1.30	\pm	0.23
confining breeding to align with forage	1.35	\pm	0.21	1.21	\pm	0.23	1.08	\pm	0.47	1.25	\pm	0.46	1.28	\pm	0.21	1.42	\pm	0.20	1.26	\pm	0.30
better hay storage methods	0.98	\pm	0.23	1.18	\pm	0.26	1.15	\pm	0.54	1.33	\pm	0.65	1.46	\pm	0.17	1.47	\pm	0.20	1.26	\pm	0.34
stockpiling forage for later grazing	1.55	\pm	0.17	1.13	\pm	0.18	1.46	\pm	0.28	0.78	\pm	0.79	1.56	\pm	0.18	1.05	\pm	0.31	1.25	\pm	0.32
testing hay or baleage for forage quality	0.95	\pm	0.19	1.07	\pm	0.21	1.08	\pm	0.41	1.38	\pm	0.49	1.36	\pm	0.18	1.35	\pm	0.21	1.20	\pm	0.28
adding improved clover varieties	1.39	\pm	0.18	1.42	\pm	0.20	1.08	\pm	0.59	0.78	\pm	0.54	1.40	\pm	0.17	1.02	\pm	0.24	1.18	\pm	0.32
fall fertilization of pastures/hayfields	1.18	\pm	0.26	0.86	\pm	0.28	1.54	\pm	0.28	1.44	\pm	0.47	1.16	\pm	0.23	0.67	\pm	0.30	1.14	\pm	0.30
improved weed control	1.14	\pm	0.22	1.02	\pm	0.24	1.27	\pm	0.43	1.00	\pm	0.46	1.24	\pm	0.22	1.12	\pm	0.23	1.13	\pm	0.30
Inc. the use of summer annual forages	0.98	\pm	0.27	0.79	\pm	0.29	1.54	\pm	0.28	1.11	\pm	0.39	1.00	\pm	0.20	0.88	\pm	0.29	1.05	\pm	0.29
Inc. the use of winter annual forages	0.97	\pm	0.22	0.98	\pm	0.24	1.38	\pm	0.35	0.75	\pm	0.68	0.88	\pm	0.24	1.14	\pm	0.26	1.02	\pm	0.33
adaptive, multipaddock grazing (1-2/d)	0.86	\pm	0.31	0.70	\pm	0.35	1.17	\pm	0.39	1.50	\pm	0.49	0.72	\pm	0.33	0.88	\pm	0.35	0.97	\pm	0.37
supplementing low quality hay	0.69	\pm	0.23	0.77	\pm	0.26	0.85	\pm	0.76	1.00	\pm	0.65	1.16	\pm	0.20	1.14	\pm	0.28	0.93	\pm	0.40
more soil fertilization	0.75	\pm	0.26	0.65	\pm	0.29	0.85	\pm	0.54	1.22	\pm	0.54	0.94	\pm	0.25	0.86	\pm	0.28	0.88	\pm	0.36
using complex mix of forage species (>4)	0.97	\pm	0.22	1.06	\pm	0.24	0.69	\pm	0.60	1.00	\pm	0.60	0.64	\pm	0.30	0.44	\pm	0.32	0.80	\pm	0.38
regularly renovating/reestablishing forage	0.73	\pm	0.28	0.67	\pm	0.31	0.92	\pm	0.61	1.33	\pm	0.46	0.48	\pm	0.35	0.37	\pm	0.32	0.75	\pm	0.39
conserving as baleage instead of hay	0.22	\pm	0.23	0.43	\pm	0.26	0.82	\pm	0.59	1.00	\pm	0.65	0.78	\pm	0.25	0.84	\pm	0.27	0.68	\pm	0.37
using waste or alternative fertilizer	0.70	\pm	0.27	0.70	\pm	0.30	0.62	\pm	0.47	0.44	\pm	0.66	0.61	\pm	0.25	0.81	\pm	0.25	0.65	\pm	0.37
conversion to novel endophyte tall fescue	0.93	\pm	0.28	-0.04	\pm	0.31	1.31	\pm	0.72	0.22	\pm	0.79	1.06	\pm	0.24	0.28	\pm	0.32	0.63	\pm	0.44
improved insect management	0.61	\pm	0.21	0.59	\pm	0.23	0.54	\pm	0.53	0.78	\pm	0.63	0.58	\pm	0.24	0.47	\pm	0.25	0.59	\pm	0.35
buying in hay/baleage instead of making	0.41	\pm	0.31	0.48	\pm	0.34	0.38	\pm	0.47	0.22	\pm	0.79	0.94	\pm	0.23	0.65	\pm	0.31	0.51	\pm	0.41
using native species	0.62	\pm	0.27	0.58	\pm	0.29	0.00	\pm	0.63	0.22	\pm	0.85	0.35	\pm	0.32	0.14	\pm	0.32	0.32	\pm	0.45
"mob" stocking (long rest, 2+ moves/day)	0.28	\pm	0.30	0.11	\pm	0.33	0.67	\pm	0.58	0.63	\pm	0.69	-0.14	\pm	0.30	0.02	\pm	0.40	0.26	\pm	0.44
breeding livestock on tall fescue in the fall	0.50	\pm	0.30	-0.13	\pm	0.33	0.54	\pm	0.57	-0.13	\pm	0.74	0.74	\pm	0.27	-0.16	\pm	0.30	0.23	\pm	0.42
using specialty/foliar ferti. or humates	0.18	\pm	0.25	0.04	\pm	0.27	0.08	\pm	0.54	0.56	\pm	0.66	-0.22	\pm	0.23	-0.07	\pm	0.27	0.09	\pm	0.37
irrigating pastures and/or hayfields	-0.15	\pm	0.31	0.02	\pm	0.34	0.08	\pm	0.63	0.56	\pm	0.47	-0.22	\pm	0.31	-0.02	\pm	0.30	0.04	\pm	0.39
conversion to "natural/organic" standard	-0.22	\pm	0.30	0.17	\pm	0.33	-0.54	\pm	0.72	0.44	\pm	0.93	-0.22	\pm	0.27	0.14	\pm	0.27	-0.04	\pm	0.47
using an aerator on forages	-0.02	\pm	0.26	0.14	\pm	0.28	-0.38	\pm	0.52	0.33	\pm	0.57	-0.42	\pm	0.26	0.12	\pm	0.25	-0.04	\pm	0.36
less soil fertilization	-0.39	\pm	0.30	-0.40	\pm	0.33	-0.85	\pm	0.49	-0.44	\pm	0.87	-0.77	\pm	0.28	-0.67	\pm	0.31	-0.59	\pm	0.43