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Agronomic Responses of Wheat and Oat Cultivars Under Dual-Purpose and Grain Production Management Strategies

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Supplemental material

Table S1. Forage accumulation (FA), canopy height (CH) and concentrations of neutral detergent fiber (NDF), acid detergent fiber (ADF) and crude protein (CP) of oat and wheat cultivars on year 2024 and 2025 in Blackville, SC. Data are means across three replicates (n = 3). There were no differences ($P > 0.05$) among cultivars within a response variable.

Year	FA	NDF	ADF	CP	CH
	kg ha^{-1} yr^{-1}	- - - - - - - - - - - - % - - - - - - - - - - - -			cm
1	5280	40.9	28.4	23.3	25
2	4563	46.3	28.8	16.1	35
P value	0.02	<0.001	0.30	0.01	<0.001
SE	230	0.387	0.599	1.51	0.54

Table S2. Forage accumulation (FA), canopy height (CH) and concentrations of neutral detergent fiber (NDF), acid detergent fiber (ADF) and crude protein (CP) of oat and wheat cultivars on year 2024 in Blackville, SC. Data are means across three replicates (n = 3). There were no differences ($P > 0.05$) among cultivars within a response variable.

Year	FA	NDF	ADF	CP	CH
	kg ha^{-1} yr^{-1}	- - - - - - - - - - - - - % - - - - - - - - - - -			cm
Brooks	5167	39.7 b	28.3	22.8	28 a
H214	5983	40.1 b	28.7	22.4	25 b
H306	5117	40.4 ab	26.5	21.6	26 ab
H578	4433	41.6 ab	27.6	24.0	23 b
AGS4023	5700	42.7 a	30.9	25.8	24 b
P value	0.17	< 0.001	0.28	0.97	< 0.001
SE	471	0.519	1.46	4.49	0.547

Table S3. Forage accumulation (FA), canopy height (CH) and concentrations of neutral detergent fiber (NDF), acid detergent fiber (ADF) and crude protein (CP) of oat and wheat cultivars on year 2025 in Blackville, SC. Data are means across three replicates (n = 3). There were no differences ($P > 0.05$) among cultivars within a response variable.

Year	FA	NDF	ADF	CP	CH
	kg ha^{-1} yr^{-1}	- - - - - - - - - - - - - % - - - - - - - - - - -			cm
Brooks	4133	45.3	27.9	16.6	36 ab
H214	4617	46.5	30.0	17.1	38 ab
H306	5800	43.9	27.8	15.6	32 b
H578	3850	46.6	29.2	15.0	39 a
AGS4023	4417	49.0	29.0	16.2	32 b
P value	0.12	0.20	0.65	0.88	0.01
SE	553	1.11	1.21	1.55	1.47