







## Field Study 2012

- 8 switchgrass
- 8 miscanthus
- 4 tallgrass prairie  
Est. 2010 or 2011



May – mid July

Point Counts – Bobolink and  
Eastern Meadowlark

Vegetation Surveys





Table 1. Mean vegetation characteristics measured during Bobolink territory establishment on biomass fields across southern Ontario in 2012.

Characteristic	Miscanthus	Switchgrass	Tallgrass Prairie
Grass cover (%)	23.69 ± 2.55	10.00 ± 0.98	16.94 ± 5.92
Forb cover (%)	20.69 ± 2.82	41.38 ± 2.58	33.34 ± 7.55
Bare ground cover (%)	25.94 ± 2.15	30.84 ± 1.68	30.56 ± 5.51
Dead vegetation cover (%)	29.69 ± 2.48	17.78 ± 1.83	19.13 ± 3.19
Live vegetation cover (%)	44.38 ± 3.24	51.38 ± 2.21	50.31 ± 4.30
Vegetation height and density (cm)	4.77 ± 0.52	2.38 ± 0.20	3.82 ± 1.34
Height (cm)	15.18 ± 1.59	9.64 ± 0.52	14.19 ± 1.34
Litter depth (cm)	0.45 ± 0.02	0.45 ± 0.02	0.36 ± 0.04



# Future Studies

- Biomass fields > 3 years
- Full grassland bird survey





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