

G6: Perennial Grass – Monoculture Miscanthus	
Site	KBS
Planting	Miscanthus x giganteus was planted in May of 2008
Cover Crop	None
Tillage	None
Harvest	Same as G5, G7, G9, and G10
Fertilization	Harvest so that 6 inches of stubble remain for wildlife cover. Harvest in fall after hard frost / senescence Nitrogen will be applied at 50 lb N acre ⁻¹ (56 kg N ha ⁻¹) No P and K in 2010
Pest Cntrl	PRE application of Roundup at 22 oz/A applied before miscanthus begins to grow. Preemergence application of Dual II Magnum 1.5 pts/A If needed: PRE or POST application of Drive or Paramount (quinclorac) 0.5 lb/A + atrazine 0.5 lb/A. Postemergence application of 2,4-D ester as needed.
Microplots	No-N strip. No N fertilizer applied to west 15 feet of plot (except east 15' for block 1 of KBS to avoid gas chambers).
	Arlington Miscanthus x giganteus was planted in May of 2008 and winter-killed. Part or all of plot (TBD) will be re-planted in 2010 with the same rootstock None None No harvest in 2010 No N, P, or K in 2009 PRE application of Roundup at 22 oz/A applied before miscanthus begins to grow. Pre-emergence: Dual II Magnum 1.74 l ha ⁻¹ (1.5 pts/ac) Post-emergence: 2,4-D ester 0.61 l ha ⁻¹ (8oz ac ⁻¹) as needed No-N strip. No N fertilizer applied to west 15 feet of plot (not applicable in 2010)