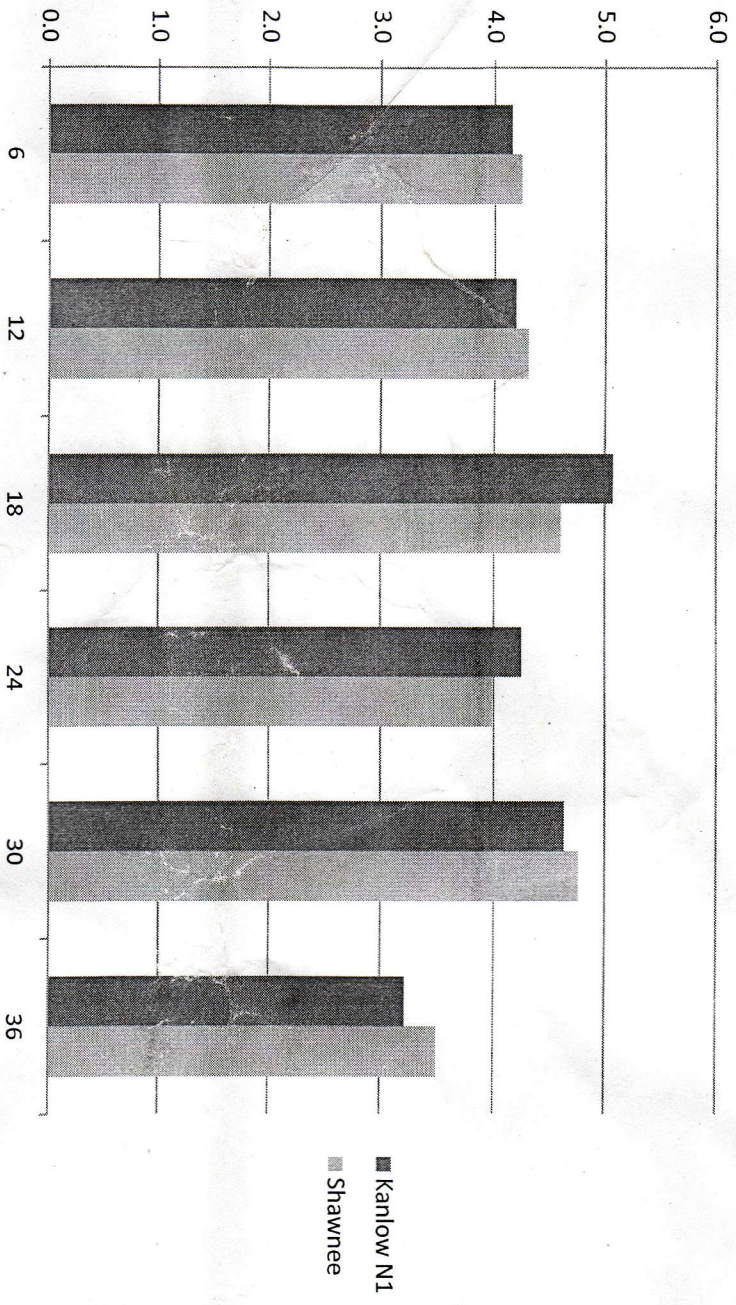


Switchgrass Row Spacing & Legume Interseeding



This study was established in 2010 to evaluate row spacing on switchgrass yield and legume establishment. Switchgrass drill rows were planted North:South and legumes were planted East:West. Kanlow N1 was planted as the lowland ecotype and Shawnee as the upland ecotype. Legumes were alfalfa, hairy vetch, whiteclover, Illinois bundleflower, partridgepea, and control. Switchgrass row spacings were 6, 12, 18, 24, 30, and 36 inches. Switchgrass is typically seeded in 6" rows. Averaged across all legumes and years (2011-2014), preliminary results indicate no difference between 6" and 12" rows, whereas 18" or 30" rows may provide a yield advantage. Legume data is being analyzed and samples are being processed.