

# Biomass for Electricity Generation

**Table 5. Energy Crop Yield Assumptions for the POLYSYS Model by Land Type**  
(Dry Tons per Acre per Year)

<b>Energy Crop</b>	<b>Land Currently Planted with Major Crops</b>	<b>Idle and Pasture Land</b>
Switchgrass .....	2.0 to 6.7	1.7 to 5.7
Hybrid poplar .....	3.25 to 6.0	2.8 to 5.1
Willow .....	3.15 to 5.8	2.7 to 4.9

Source: Personal communication with Marie Walsh, Oak Ridge National Laboratory.