

Theoretical Maximum BioFuel Yield

	Wood	Switch Grass	Corn Stover
Carbon	51.35	49.4	47.80
Hydrogen	6.10	6.11	6.16
Oxygen	42.29	44	45.54
Sulfur	0.09	0.12	0.01
Nitrogen	0.17	0.64	4.94
HHV (Btu/lb)	8422	8241	8056
BioEthanol			
Mass generation efficiency	0.688	0.659	0.652
Gal biofuel/dry ton biomass	207.2	198.4	196.4
BioButanol			
Mass generation efficiency	0.554	0.530	0.525
Gal biofuel/dry ton biomass	163.0	156.1	154.5