

**Table 7.** Biofuel production energy inputs (MJ/L) per unit of biofuel energy output (MJ/L). Energy input numbers are from Supporting Tables 1-6. Biofuel energy output numbers are from Table 5. Estimates from this table are presented in Fig. 1.

Production stage	Corn grain ethanol		Soybean biodiesel		
	Ethanol	DDGS	Biodiesel	Soybean Meal	Glycerol
Production of hybrid or variety seed for planting	0.002	0.000	0.004	0.019	0.000
Farm fossil fuel energy use	0.091	0.019	0.031	0.154	0.003
Farm fertilizer and pesticide production	0.102	0.021	0.014	0.071	0.001
Farm machinery production	0.008	0.002	0.007	0.035	0.001
Farm household energy use	0.046	0.009	0.034	0.169	0.004
Processing facility energy use	0.498	0.101	0.141	0.089	0.015
Processing facility construction	0.002	0.000	0.001	0.001	0.000
Processing facility laborer household energy use	0.006	0.001	0.026	0.003	0.003
Crop and biofuel transportation	0.042	0.008	0.015	0.018	0.002
Total	0.797	0.162	0.273	0.560	0.029