



MCO Grain Sorghum

Costs and Calculations

Fall 2025

Grain Sorghum Input Amounts (per Acre)	Urea (lbs./acre)	DAP (lbs./acre)	Potash (lbs./acre)	Natural Gas (MMBtu/acre)	Diesel (gal/acre)
Grain Sorghum Irrigated	$(EAY \times .51) / .46$	$(EAY \times .39) / .46$	$(EAY \times .27) / .6$	$(EAY \times 0.07)$	$(EAY \times .027) + 2.0$
Grain Sorghum Non-irrigated	$(EAY \times .51) / .46$	$(EAY \times .39) / .46$	$(EAY \times .27) / .6$		$(EAY \times .027) + 2.0$

MCO Total Cost Calculation
Sum of (Input Price x Unit per acre) = MCO Total Costs

Pounds can be converted to tons by dividing by 2000. This is necessary when input quantities are listed in terms of lbs./acre and input prices are listed in terms of \$/ton.

EAY is "Expected Area Yield", rounded to the nearest whole bushel.