



MP Corn and Soybean Costs and Calculations



Spring 2024

Corn Input Amounts (per Acre)	Urea (lbs./acre)	DAP (lbs./acre)	Potash (lbs./acre)	Diesel (gal/acre)	Costs not subject to price change
Corn Irrigated	(ECY*.83)/.46	(ECY*.35)/.46	(ECY*.25)/.6	(ECY*.10) + 2.5	\$206.90
Corn Non-Irrigated	(ECY*.83)/.46	(ECY*.35)/.46	(ECY*.25)/.6	(ECY*.04) + 2.5	\$206.90

Soybean Input Amounts (per Acre)	Urea (lbs./acre)	DAP (lbs./acre)	Potash (lbs./acre)	Diesel (gal/acre)	Costs not subject to price change
Soybean Irrigated	0	(ECY*.73)/.46	(ECY*1.1)/.6	(ECY*.30) + 2.5	\$111.50
Soybean Non-irrigated	0	(ECY*.73)/.46	(ECY*1.1)/.6	(ECY*.10) + 2.5	\$111.50

MP Total Cost Calculation	
Costs not subject to price change	= "Use Costs not subject to price change"
Costs subject to price change	= (Input Price x Unit per acre)
Preliminary Total Costs	= Total Costs + Variable Costs
Interest Rate Cost	= Apply Interest Rate Calculation
	Costs not subject to price change +
	Costs subject to price change +
MP Total Costs	= Interest cost

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.

ECY is "Expected County Yield", rounded to the nearest whole bushel.

The "Interest Rate Calculation" document is available as a pdf in same location as this file.