



# MP Corn and Soybean Costs and Calculations for 2018-2021 Crop Years



July 2020

Please note: input amounts per acre are published in the actuarial documents for each county

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

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

*Starting with the 2021 CY, the calculation of the input amounts per acre, the ECY is rounded to the nearest whole bushel.*

\* See "Interest Rate Calculation" document