

USDA Global wheat production

<https://ipad.fas.usda.gov/cropexplorer/cropview/commodityView.aspx?cropid=0410000>

'Global Wheat Prices

<https://fred.stlouisfed.org/series/APU0000702212>

Average Retail Food and Energy Prices, U.S. and Midwest Region

https://www.bls.gov/regions/mid-atlantic/data/averageretailfoodandenergyprices_usandmidwest_table.htm

Fertilizer Consumption and Energy Input for 16 Crops in the United States

<https://link.springer.com/article/10.1007/s11053-013-9226-4>

Do oil prices drive agricultural commodity prices? Further evidence in a global bio-energy context

<https://www.sciencedirect.com/science/article/pii/S0360544219302178>

Precipitation anomaly in the United States from 1990 to 2023

https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/national/time-series/110/pcp/12/12/1990-2023?base_prd=true&begbaseyear=1901&endbaseyear=2000

Fertilizer Info:

<https://extension.sdstate.edu/sites/default/files/2020-03/S-0005-10-Wheat.pdf>
<https://brownfieldagnews.com/news/oil-and-natural-gas-prices-could-push-fertilizer-costs-higher/PCU325311325311>

Fertilizer Production and Prices:

[Export-value-fertilizers-worldwide-by-country](#)
<https://fred.stlouisfed.org/series/PCU325311325311A>
<https://www.statista.com/statistics/1290786/global-fertilizer-production-by-nutrient/#:~:text=In%20the%20early%202000%27s%2C%20the.million%20metric%20tons%20in%202021.>
<https://www.ers.usda.gov/data-products/fertilizer-use-and-price/>
<https://fred.stlouisfed.org/series/PCU325311325311>

Fertilizer Consumption:

<https://data.worldbank.org/indicator/AG.CON.FERT.PT.ZS?locations=US>
<https://ourworldindata.org/grapher/fertilizer-consumption-usda?country=~USA>

Oil Prices WTI Included:

<https://www.amis-outlook.org/indicators/outside/oil/en/>

Oil Prices and Their Effect on Fertilizer Prices Paper:

https://www.researchgate.net/publication/276039453_Modelling_the_Effects_of_Oil_Prices_on_Global_Fertilizer_Prices_and_Volatility