Kansas NFI Predictions and Other Profitability Tools

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KANSAS STATE

Revenue changes

Crops

- 2019 crop prices based on KFMA enterprise summaries
- Yield readjust to average
 - ∘ Corn 16% lower
 - \circ Grain sorghum 5% lower
 - Soybeans 11% lower
 - \circ Wheat 8% (reflects higher yield in '19 to normal in '20)



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Revenue changes

Government payments

- \circ The 2019 payment reflected a large MFP payment
- Without MFP \$20,000 (CFAP will add \$5,000)
- For 2020 government payment should double
 - Most base acres in PLC (except soybean base in SE)
 - Based on April update
 - $^\circ\,$ Wheat 0.88/bu Now 0.90
 - Sorghum \$0.77/bu Now \$0.67
 - Corn \$0.07/bu Now \$0.13
 - $\,\circ\,$ No soybeans pmt Now still no payment estimated
 - $^\circ\,$ Expected payment change from April \$41,300 to \$42,700

Crop insurance

- Higher prices in crop revenue coverage
- Fewer prevented planting acres



Expense changes

Fertilizer

- $^\circ$ AA from \$560 in '19 to \$424 in '20
- 24% reduction but likely much fertilizer purchased before prices went down

Diesel

- Down 20% in 2020
- $\circ\,$ Again farmers paid for some fuel before price decrease

Interest – 4.5% average rate

 $^\circ\,$ KFMA farms added 4% more debt in '19 and likely '20



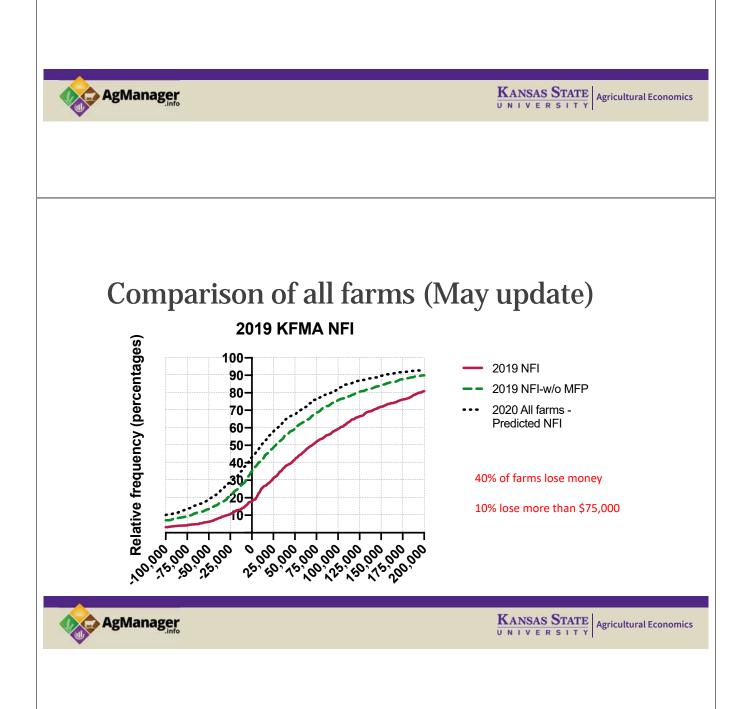
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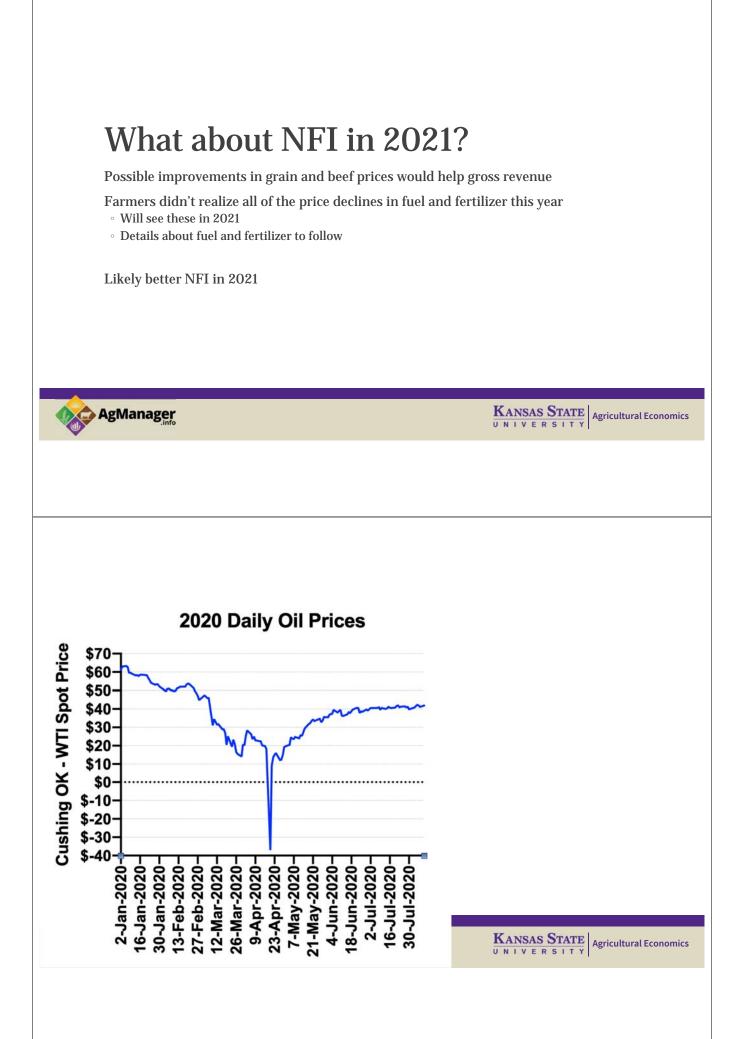
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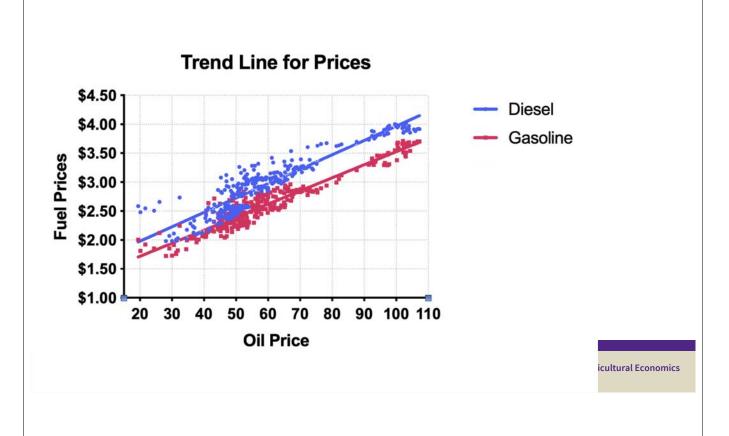
Net Farm Income

May estimate $^{\circ}$ All farms –from \$49,963 to \$14,358 – a 71% reduction

August estimate • All farms – \$21,000 – a 58% reduction







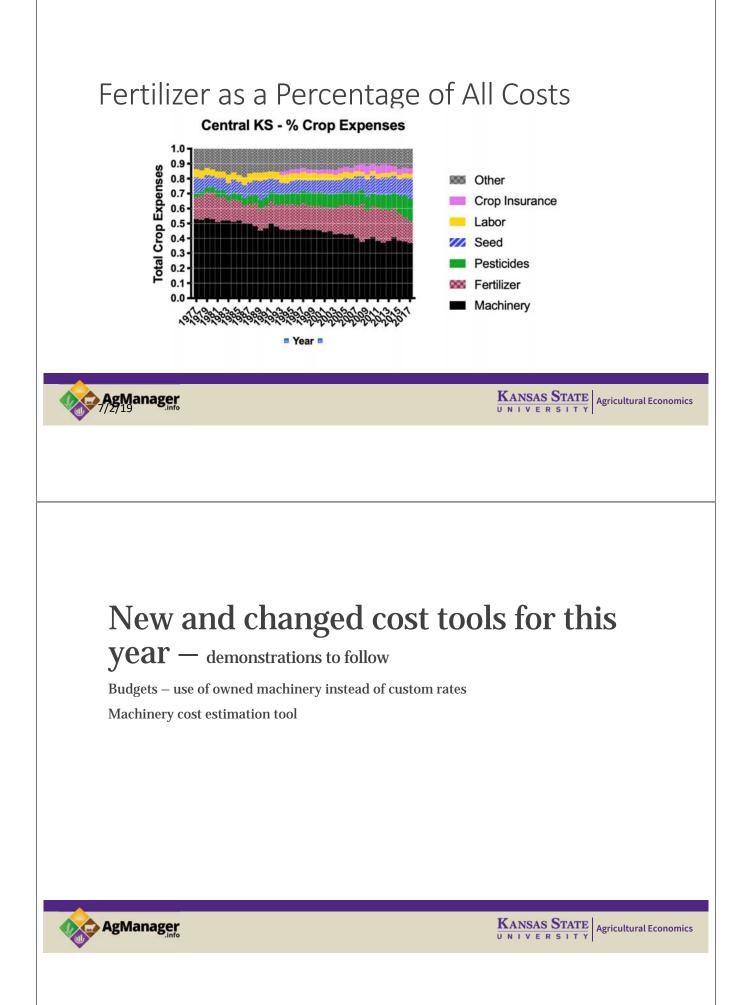
Fertilizer prices

Anhydrous ammonia (\$/ton) = 202 + 43.4 * corn (\$/bu) + 3.18 * oil_9 mo lag (\$/ barrel)

Anhydrous has fallen in price from \$490 to \$460 this year

The \$20 oil price decline suggests anhydrous price could decline another \$30 yet this year.





Thank you!

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