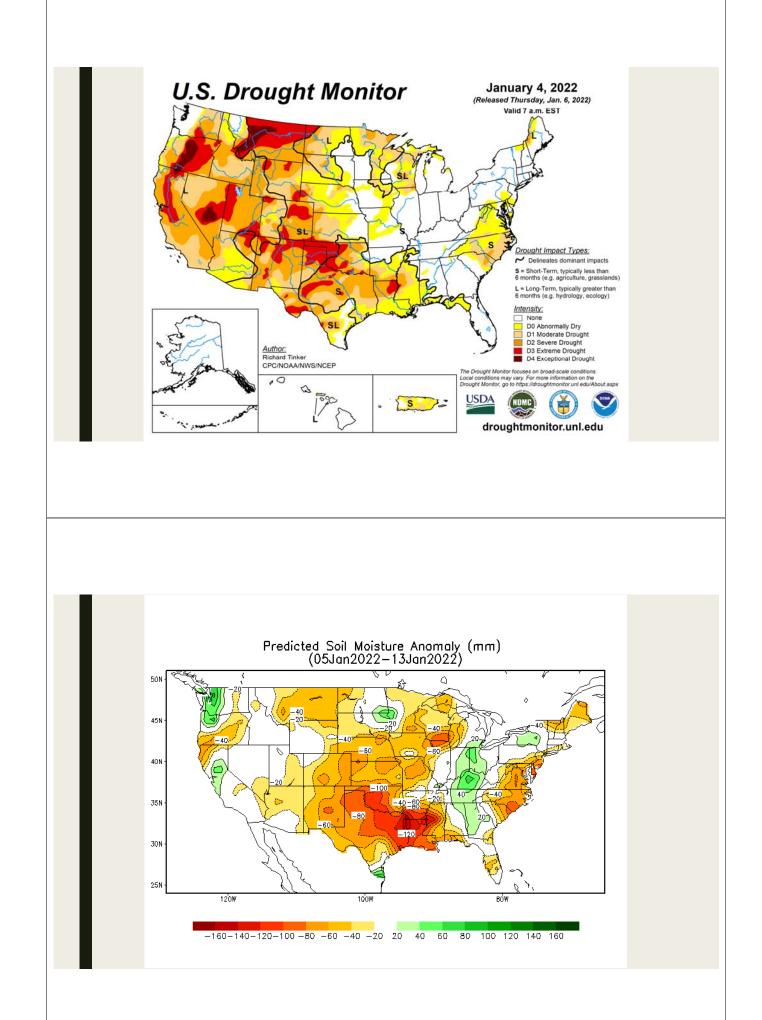
2022 CORN MARKET PROSPECTS

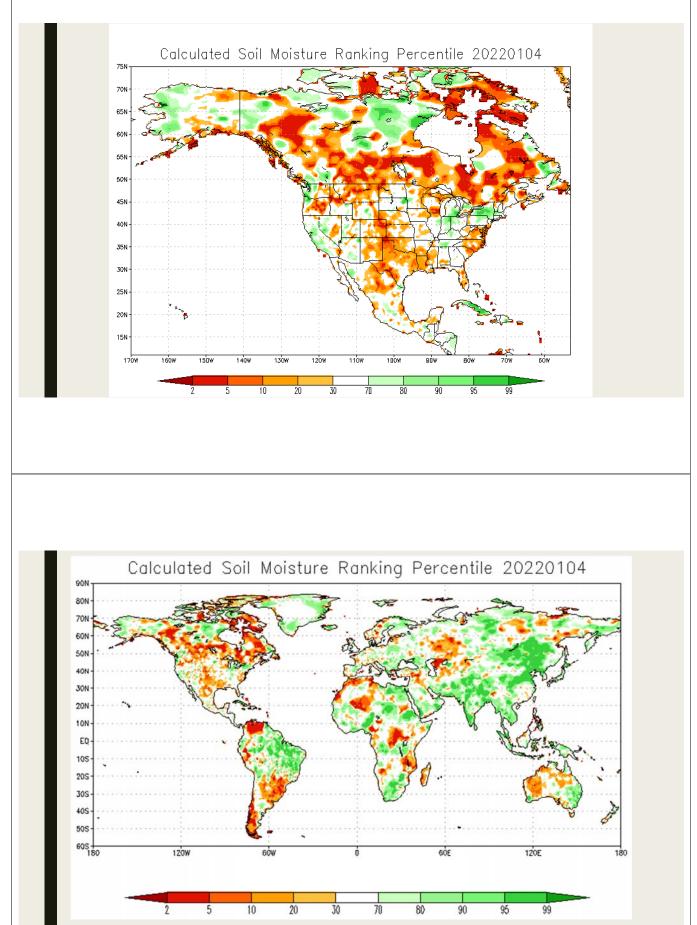
KEY DATES, TRENDS, U.S.-CHINA, MARKET RISKS & REWARDS

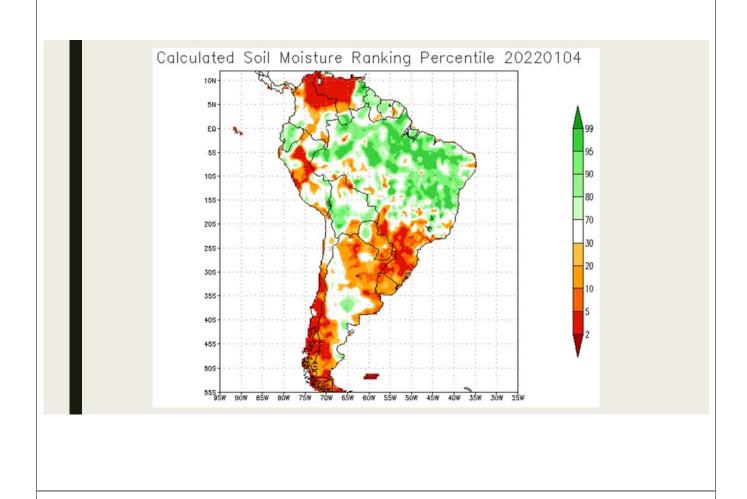
Daniel O'Brien Professor & Extension Agricultural Economist Kansas State University 2022 Corn School Oakley, Kansas – January 7, 2022

Key Dates Coming Up re: Grain Markets

- January 12th USDA Annual Crop Summary, WASDE, Stocks, Wheat Seedings
- February 9th USDA WASDE
- February 24-25 USDA Agricultural Outlook Forum with MY 2021/22 forecasts
- March 9th USDA WASDE
- March 31st USDA Grain Stocks & Prospective Plantings
- April 8th USDA WASDE
- May 12th USDA WASDE with 1st "New Crop" MY 2021/22 monthly forecast
- June 10th USDA WASDE
- June 30th USDA Acreage & Grain Stocks



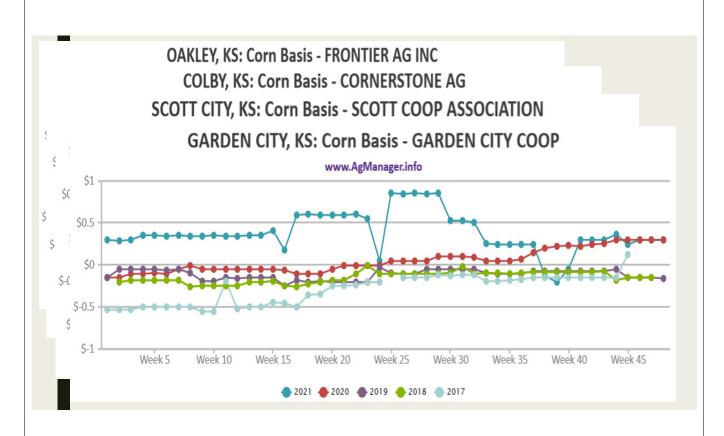


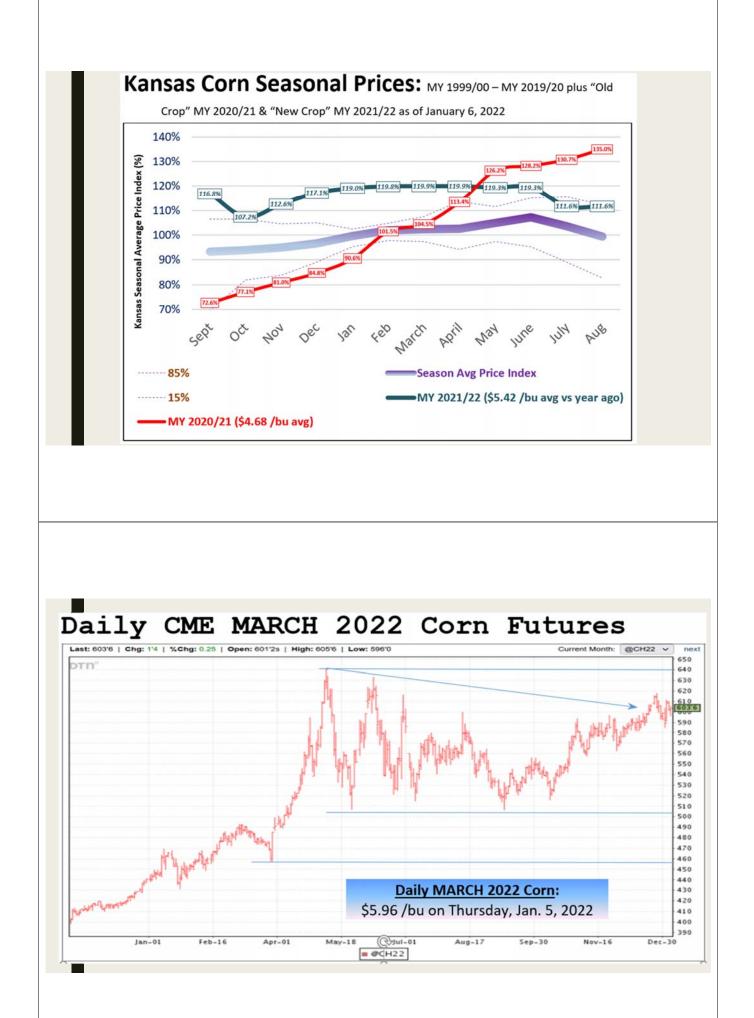


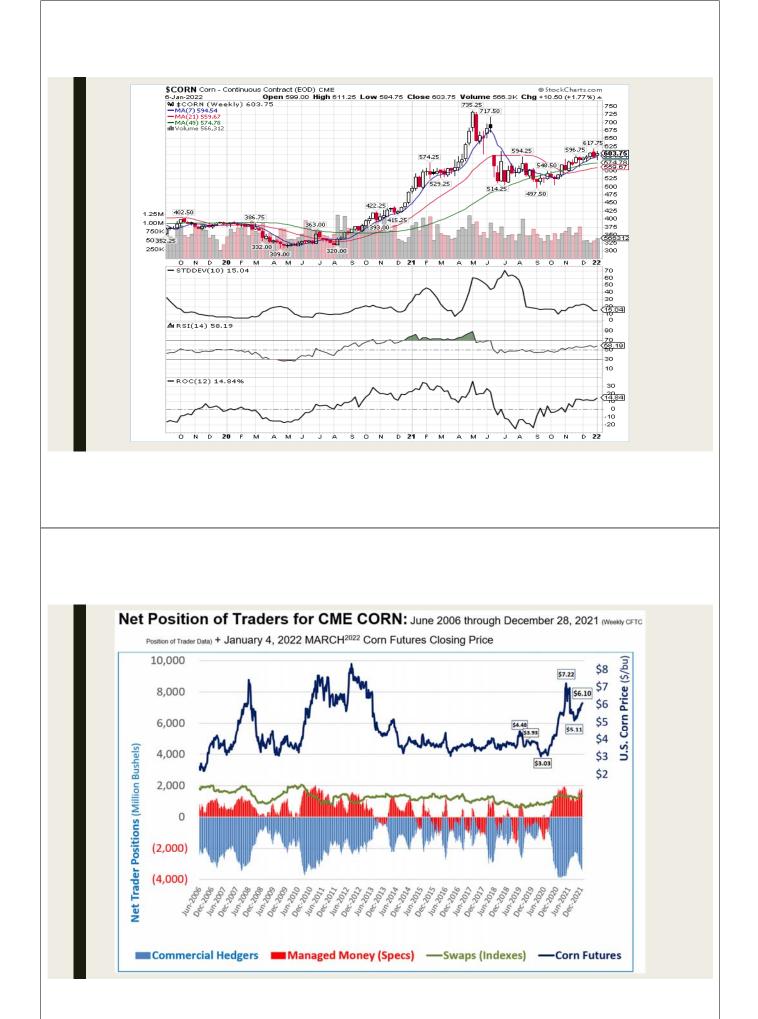
I. Grain Futures Closes, Changes & Market Carry on Thursday, January 6, 2022

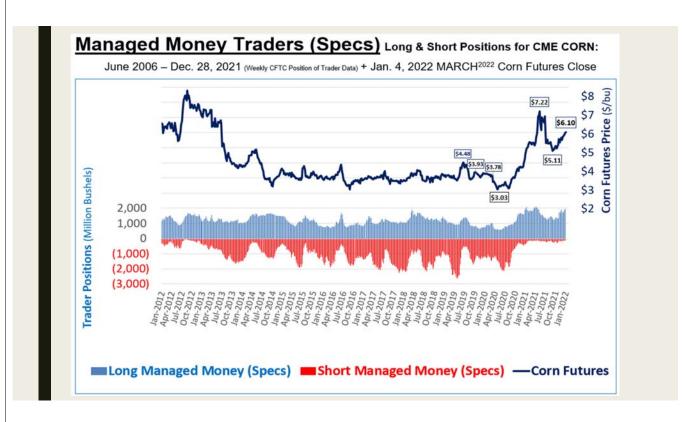
	Corn	Futures			
Month	Close	Change	Carry /mo		
Mar ^L 22	\$6.03 ³ / ₄	압 \$0.01 ½			
May 22	\$6.04 1/2	압 \$0.01 ¾	\$0.0058		
July 22	\$6.02 1/4	압 \$0.16 ¾	No Carry		
Sept 22	\$5.67 1/4	₽ \$0.00 ¼	No Carry		
Dec ^H 22	\$5.54 1/4	₽ \$0.00 ½	No Carry		
Mar 23	\$5.61 3/4	압 \$0.00 ¼	\$0.0250		
May 23	\$5.64 1/4	No Change	\$0.01 ¹²⁵		
July 23	\$5.63 ³ / ₄	û \$0.00 ½	No Carry		

Date						
1/6/2022						
Grain Futures Contracts	Closing \$					
MAR 2022 Corn (Lead contract)	\$6.0375					
DEC 2022 Corn (2022 Harvest Contract)	\$5.5425					
1/6/2022	Cash Grain & I	larvest Cont	ract Prices @	🤉 Kansas Grai	n Elevators	
	Representing the hig	ghest bids availab	le at each locatio	n		
Cash Market Spot & FC Bids	Colby	Salina	Topeka	Garden City	Hutchinson	Columbus Area
	NW KS	NC KS	EC-NE KS	SW KS	SC KS	SE KS
Corn Spot Cash\$	\$6.24	\$6.19	\$6.16	\$6.39	\$6.38	\$5.89
Corn Spot Cash Basis	\$0.20	\$0.15	\$0.12	\$0.35	\$0.34	(\$0.15)
Corn Harvest FC\$: Fall 2022	\$5.29	\$5.29	\$5.24	\$5.64	\$5.41	\$5.29
Corn Harvest FC\$ Basis	(\$0.25)	(\$0.25)	(\$0.30)	\$0.10	(\$0.13)	(\$0.25)





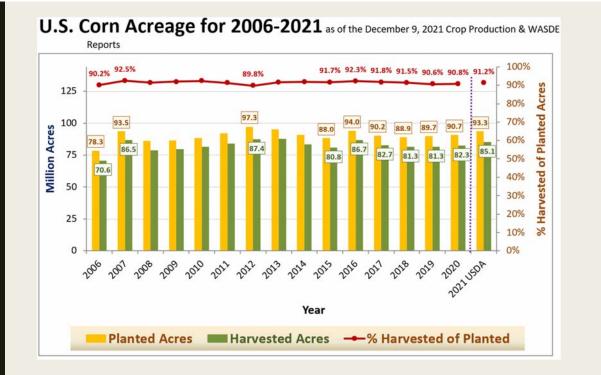


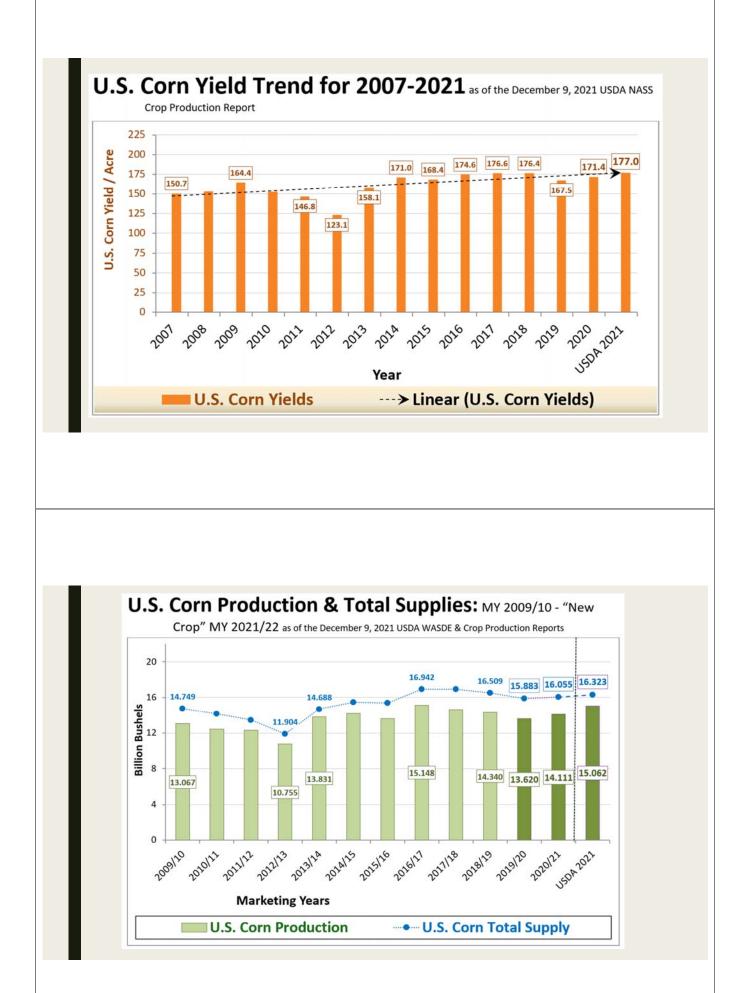


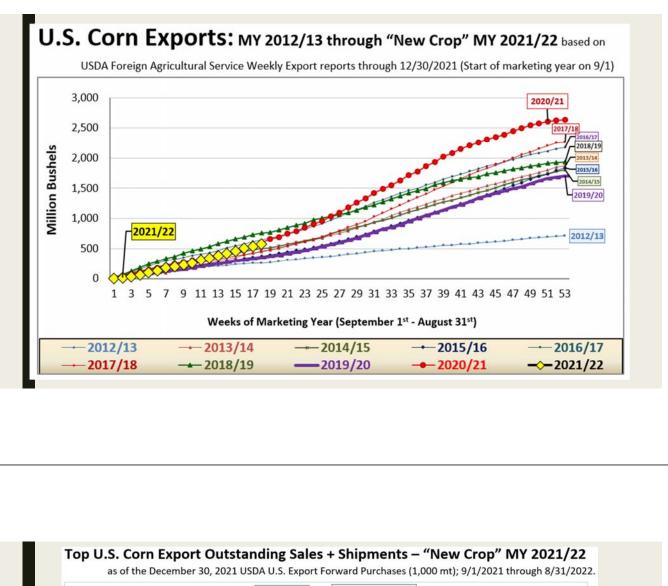


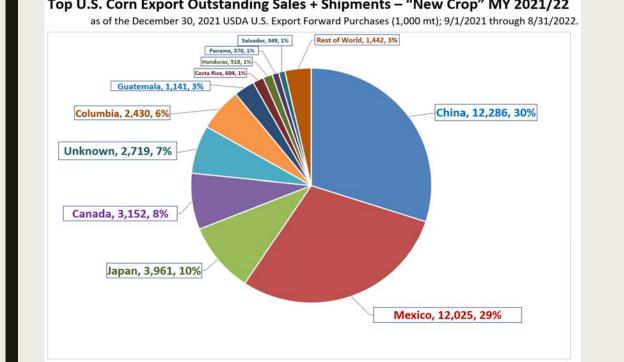
Item	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	USDA 2021/22 12/9/2021 WASDE
% Probability of Occurring (KSU)	97.291	95.365	90.597	88.019	94.004	90.167	88.871	89.745	90.652	50% ^{KSUest} 93,304
Planted Area (million acres) Harvested Area (million acres)	87.365	87.461	83.146	80.753	86.748	82.733	81.276	81.337	82.313	85.085
% Harvested/Planted Area	89.8%	91.7%	91.8%	91.7%	92.3%	91.8%	91.5%	90.6%	90.8%	91.2%
Yield / harvested acre (bu/ac)	123.1	158.1	171.0	168.4	174.6	176.6	176.4	167.5	171.4	177.0
Held / Harvested acre (bujac)	120.1	150.1	1/1.0	100.4		n Bushels	170.4	107.5	17 1.4	177.0
Beginning Stocks (million bushels)	989	821	1,232	1,731	1,737	2,293	2,140	2,221	1,919	1,236
Production (million bu.)	10,755	13,829	14,216	13,602	15,148	14,609	14,340	13,620	14,111	15,062
Imports (million bu.)	160.0	35.8	31.7	67.6	57.1	36.3	28.0	42.0	24.0	25.0
Total Supply (million bu.)	11,904	14,686	15,479	15,401	16,942	16,939	16,509	15,883	16,055	16,323
Ethanol for fuel Use (million bu.)	4,641	5,124	5,200	5,224	5,432	5,605	5,378	4,857	5,028	5,250
Food & Industrial Use (mln bu.)	1,372	1,377	1,366	1,393	1,424	1,422	1,386	1,395	1,406	1,400
Seed Use (million bu.)	31.0	29.7	29.3	30.6	29.3	29.6	29.1	29.9	30.8	30.6
Exports (million bu.)	730	1,921	1,867	1,899	2,296	2,438	2,066	1,777	2,753	2,500
Feed & Residual Use (million bu.)	4,309	5,004	5,287	5,118	5,470	5,304	5,429	5,900	5,601	5,650
Total Use (million bu.)	11,083	13,456	13,750	13,664	14,649	14,798	14,288	13,963	14,819	14,830
Ending Stocks (million bu.)	821	1,232	1,731	1,737	2,293	2,140	2,221	1,919	1,236	1,493
% Ending Stocks-to-Use	7.41%	9.16%	12.59%	12.71%	15.66%	14.46%	15.54%	13.74%	8.34%	10.07%
Days of Supply (% S/U x 365 days)	27.0 days	33.4days	46.0 days	46.4 days	57.2 days	52.8 days	56.7 days	50.2 days	30.4 days	36.8 days
U.S. Corn Average Farm Price (\$/bushel)	\$6.89	\$4.46	\$3.70	\$3.61	\$3.36	\$3.36	\$3.61	\$3.56	\$4.53	\$5.45

Table 1. U.S. Corn Supply-Demand Balance Sheet: MY 2010/11 - "New Crop" MY 2021/22 as of the December 9, 2021 USDA WASDE report







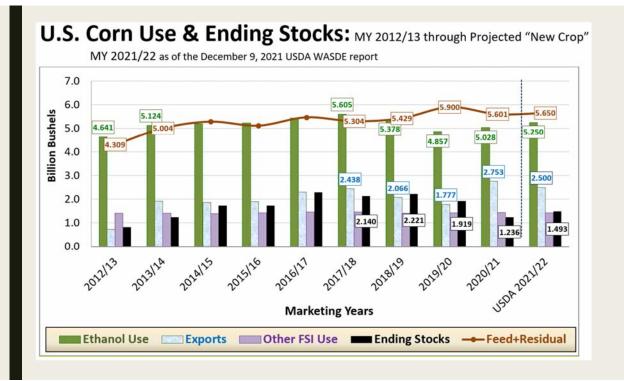


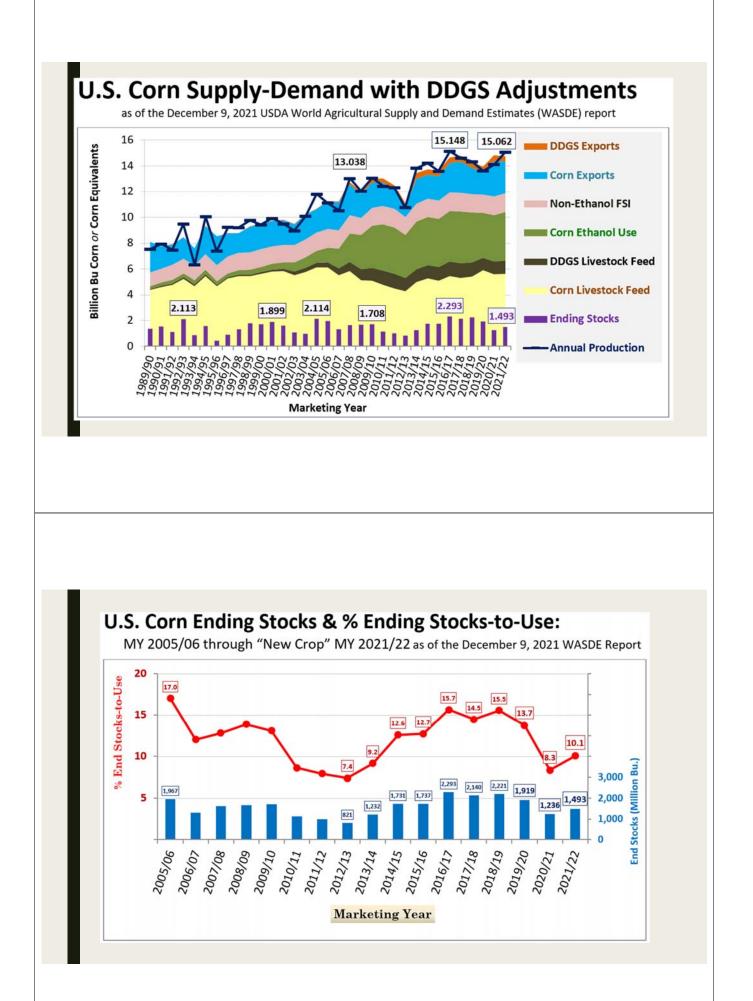
December 2021

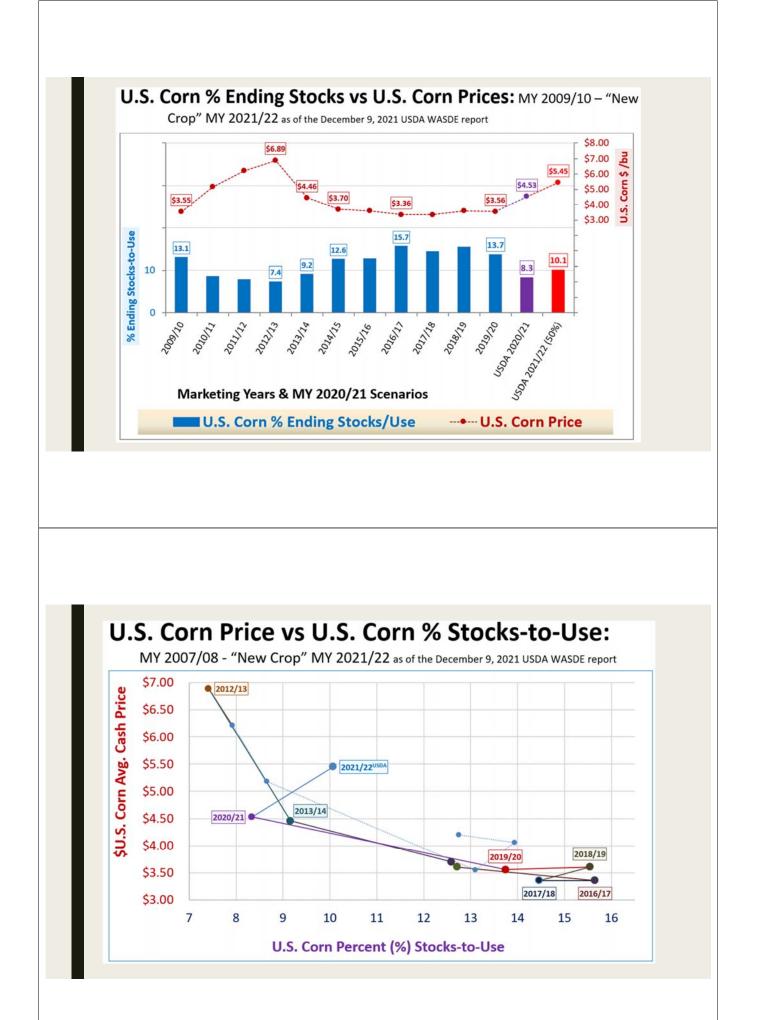
Year	and Quarter	Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk
					Million P	ounds			Mil doz	Bil lbs
2020	IV	7,069	7,515	14,633	11,047	1,451	12,630	27,263	2,371	55.6
	Annual	27,174	28,303	55,680	44,583	5,743	50,876	106,556	9,283	223.2
2021	I	6,895	7,291	14,235	10,893	1,390	12,410	26,645	2,306	56.8
	п	6,957	6,668	13,673	11,231	1,399	12,770	26,443	2,303	58.1
	III	6,978	6,529	13,551	11,581	1,403	13,124	26,675	2,332	55.9
	IV*	7,065	7,245	14,358	11,025	1,400	12,555	26,913	2,400	55.4
	Annual				250	-				
	Nov Proj.	27,885	27,678	55,751	44,828	5,612	50,981	106,732	9,345	226.4
	Dec Proj.	27,895	27,733	55,817	44,730	5,592	50,859	106,676	9,341	226.2
2022	I*	6,895	6,980	13,925	11,150	1,390	12,675	26,600	2,345	56.8
	П*	6,730	6,480	13,259	11,400	1,405	12,950	26,209	2,345	58.2
	III*	6,720	6,825	13,592	11,690	1,420	13,255	26,847	2,365	56.4
	Annual									
	Nov Proj.	27,000	27,585	54,779	45,240	5,700	51,490	106,269	9,470	228.1
	Dec Proj.	27,000	27,595	54,790	45,500	5,640	51,695	106,485	9,480	227.7

WASDE - 619 - 31 U.S. Quarterly Animal Product Production 1/

* Projection. 1/ Commercial production for red meats; federally inspected for poultry meats. 2/ Beef, pork, veal and lamb & mutton. 3/ Broilers, turkeys and mature chicken.



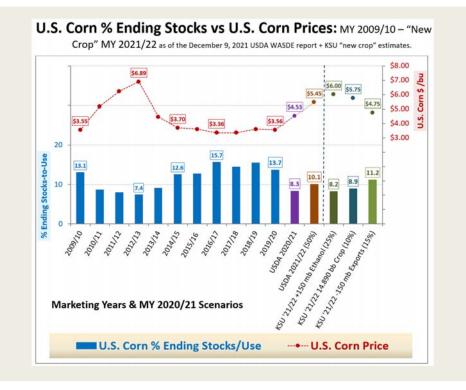


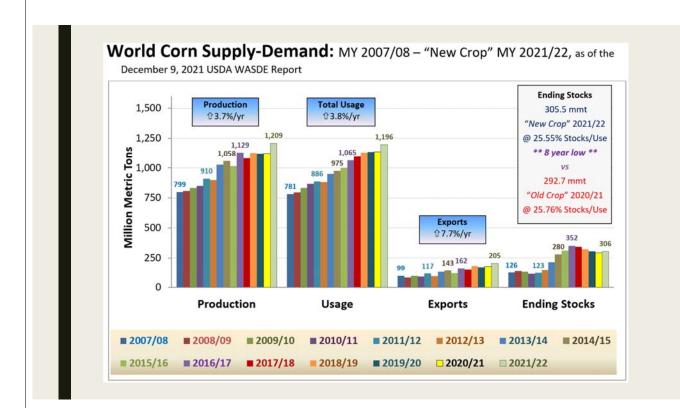


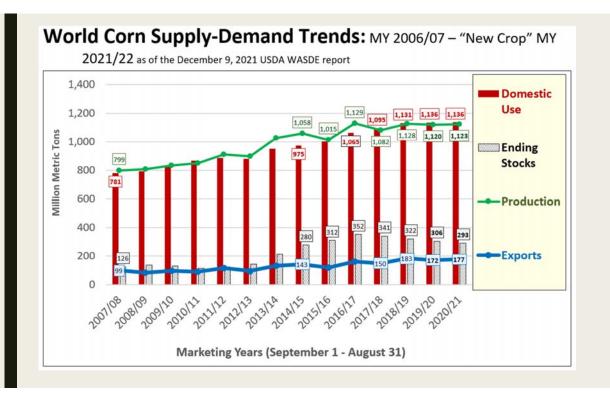
U.S. Corn Supply-Demand Balance Sheet: Projected "New Crop" MY 2021/22 as of the

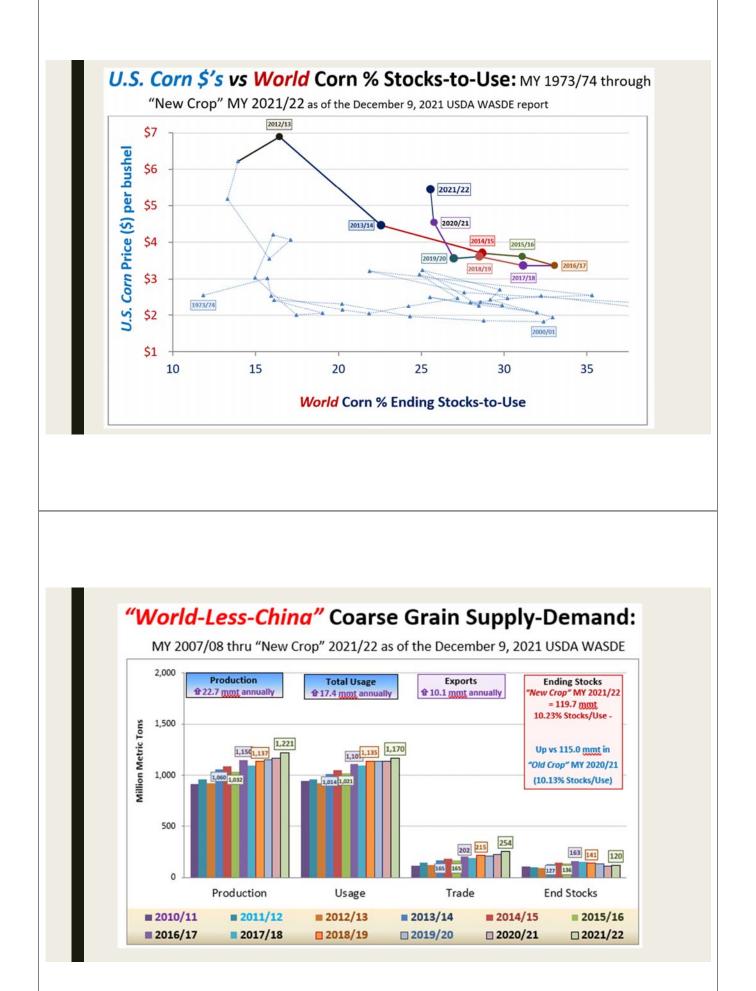
December 9, 2021 USDA WASDE report, with Alternative KSU "New Crop" 2021/22 Marketing Year Scenarios

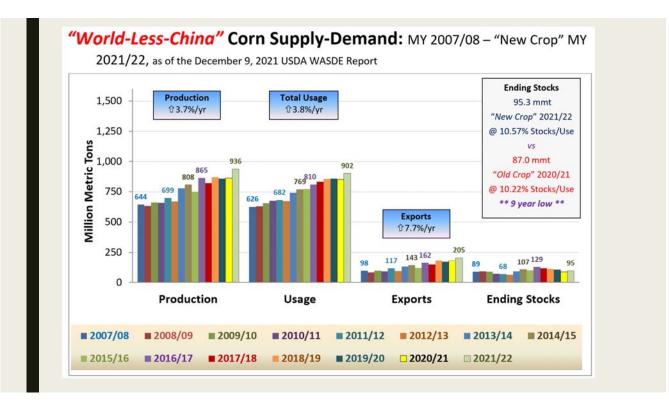
Item	A. USDA 2021/22 12/9/2021 USDA WASDE Report	B. USDA ^{KSU Adjusted} MY 2021/22 12/9/2021 WASDE @ +150 mb Ethanol Use **14.980 bb Total Use**	C. USDA ^{KSU Adjusted} MY 2021/22 12/9/2021 WASDE @ **175.0 bu/ac Yield** & **14.890 bb Crop**	D. USDA ^{XSU Adjusted} MY 2021/22 12/9/2021 WASDE Less 150 mb U.S. Exports						
% Probability of Occurring (KSU)	50% ^{KSUest}	25% ^{KSUest}	10% ^{KSUest}	15% ^{KSUest}						
Planted Area (million acres)	93.304	93.304	93.304	93.304						
Harvested Area (million acres)	85.085	85.085	85.085	85.085						
% Harvested/Planted Area	91.2%	91.2%	91.2%	91.2%						
Yield / harvested acre (bu/ac)	177.0	177.0	175.0	177.0						
	Million Bushels									
Beginning Stocks (million bushels)	1,236	1,236	1,236	1,236						
Production (million bu.)	15,062	15,062	14,890	15,062						
Imports (million bu.)	25.0	25	25	25.0						
Total Supply (million bu.)	16,323	16,323	16,151	16,323						
Ethanol for fuel Use (million bu.)	5,250	5,400	5,250	5,250						
Food & Industrial Use (mln bu.)	1,400	1,400	1,400	1,400						
Seed Use (million bu.)	30.6	31	31	31						
Exports (million bu.)	2,500	2,500	2,500	2,300						
Feed & Residual Use (million bu.)	5,650	5,650	5,650	5,650						
Total Use (million bu.)	14,830	14,980	14,830	14,680						
Ending Stocks (million bu.)	1,493	1,343	1,321	1,643						
% Ending Stocks-to-Use	10.07%	8.23%	8.91%	11.19%						
Days of Supply (% 5/U x 365 days)	36.8 days	30.0 days	32.5 days	40.85 days						
U.S. Corn Average Farm Price (\$/bushel)	\$5.45 /bu vs \$5.37 KSU Futures	\$6.00 /bu Adjusted from Nov ²⁰²¹ USDA frost	\$5.75 /bu Adjusted from Nov ²⁰²¹ USDA frcst	\$4.75 /bu Adjusted from Nov ²⁰²¹ USDA frost						

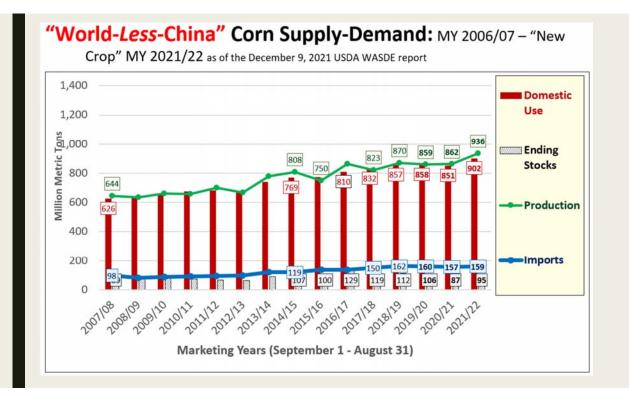


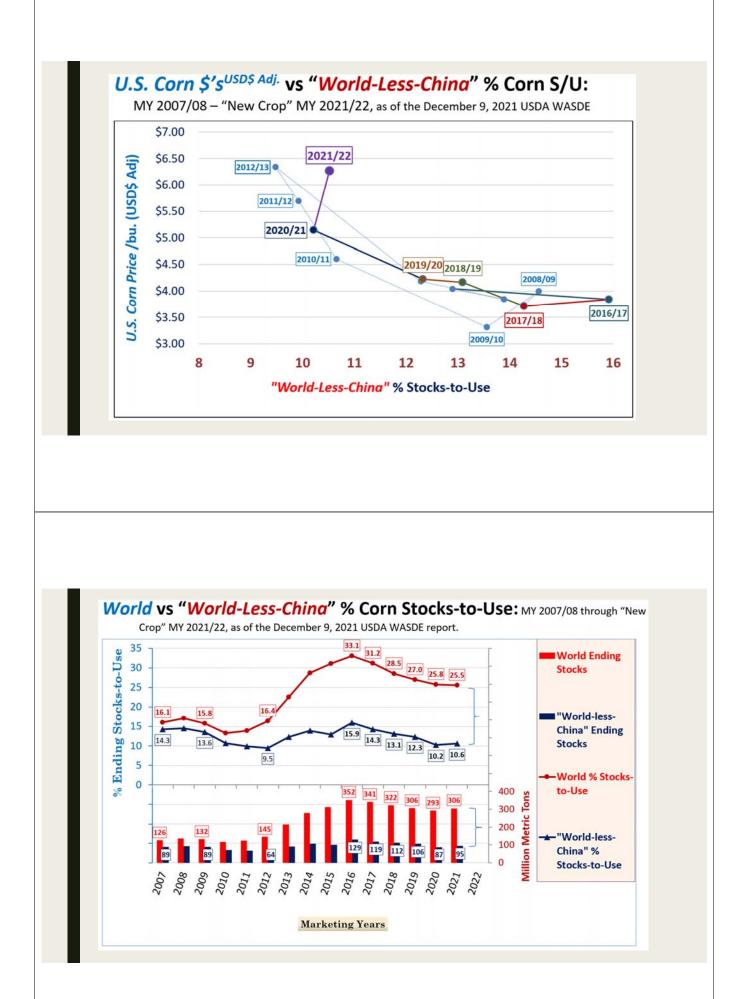


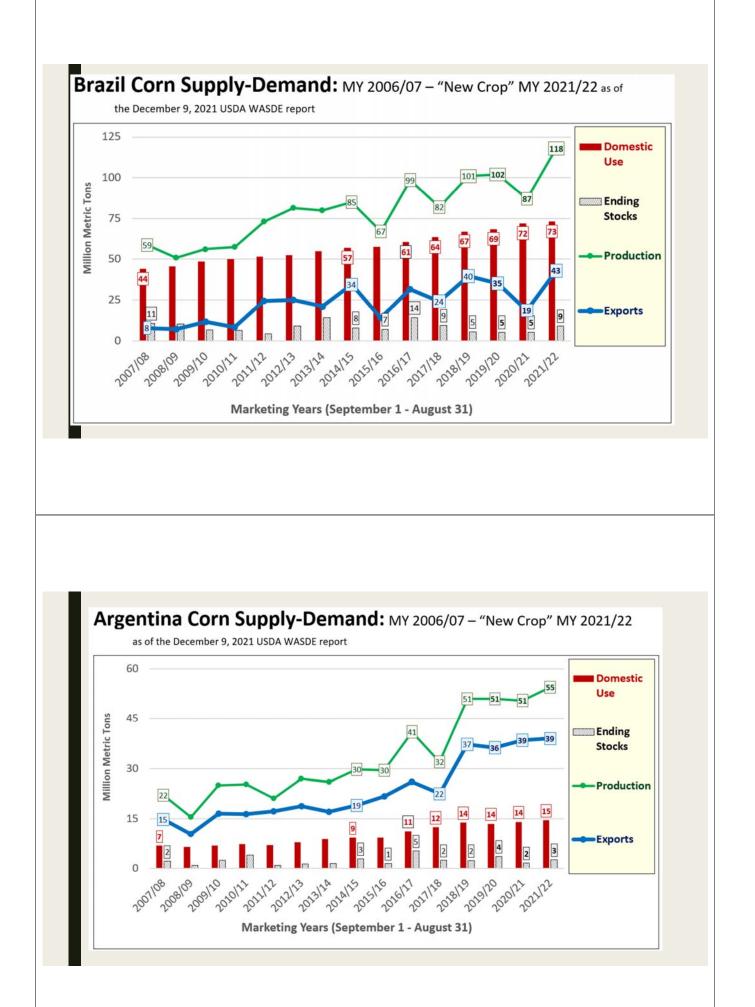


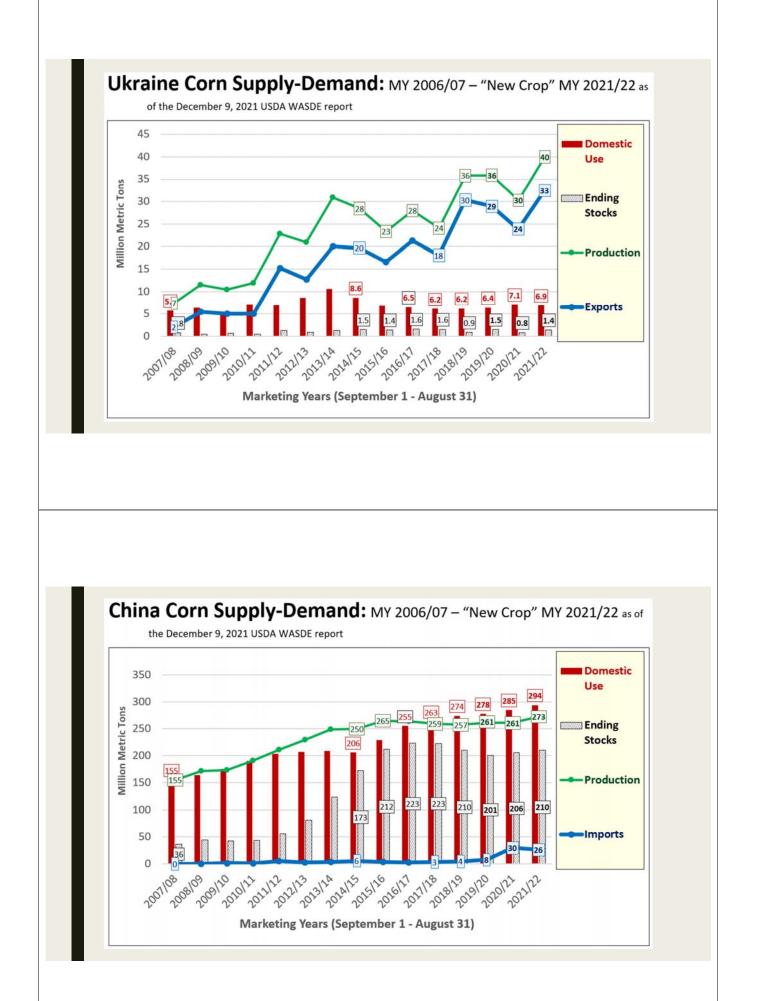












Ethanol & DDGS Markets Thu. Jan 06, 2022 KANSAS STATE nt of Agricultural E 43 USDA USDA Daily Ethanol Report Thu. Jan 06, 2022 Agricultural Marketing Service Livestock, Poultry & Grain Market News US #2 Yellow Corn - dollars/bushel Cash Bids Basis Chg Avg: lowa-Eastern: 5.9225 - 6.0425 -10H to 2H -2.83 lowa-Western: 5.8225 - 6.2225 -20H to 20H 1.50 Illinois: 5.9425 - 6.2225 -8H to 20H 4 7.75 Indiana: 5.8425 - 6.1725 -18H to 15H 3.70 4 -3H to 5H Ohio: 5.9925 - 6.0725 4 0.33 Michigan: 5.6725 - 5.9225 -35H to -10H -22.50 4 Kansas: 6.2525 - 6.4925 23H to 47H 32.33 Minnesota: 5.8425 - 6.1425 -18H to 12H -6.00 Nebraska: 5.8225 - 6.3725 -20H to 35H -2.18 4 Wisconsin: 5.6525 - 5.9225 -37H to -10H -23.50 ┛ South Dakota: 5.8825 - 6.0725 -14H to 5H 1 -3.23 2021 2020 ---- 5 Yr Avg Missouri: 5.9825 - 6.3725 4 -4H to 35H 11.50 Sorghum - dollars/bushel **Cash Bids** Chg Basis Avg:

NA

NA

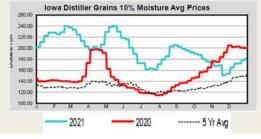
NA

NA

Kansas:

	Dis	tille	rs Grain	- dollars/ton -	wee	k ending	g 12/31/2021		
	Dried 10%	Chg	Avg:	Modified 50-55%	Chg	Avg:	Wet 65-70%	Chg	Avg:
Iowa-Eastern:	175.00 - 185.00	1	182.50	85.00 - 90.00	-	88.75	NA	NA	NA
lowa-Western:	170.00 - 190.00	4	181.50	85.00 - 88.00	1	86.00	58.00 - 70.00	1	64.33
Illinois:	192.00 - 215.00	-	199.14	80.00	NA	80.00	95.00	-	95.00
Indiana:	170.00 - 205.00	1	186.11	NA	NA	NA	NA	NA	NA
Ohio:	180.00 - 202.00	1	190.33	NA	NA	NA	NA	NA	NA
Michigan:	159.00 - 200.00	1	182.20	NA	NA	NA	NA	NA	NA
Kansas:	225.00 - 260.00	1	242.50	NA	NA	NA	90.00 - 96.00	1	92.40
Minnesota:	165.00 - 200.00	1	178.33	85.00 - 90.00	-	87.50	50.00	-	50.00
Nebraska:	190.00 - 230.00	4	210.00	90.00 - 112.00	1	98.80	75.00 - 93.00	1	86.20
Wisconsin:	170.00 - 190.00	-	181.25	77.00	-	77.00	58.00	个	58.00
South Dakota:	190.00 - 214.00	1	205.60	92.00 - 109.00	1	103.33	65.00	-	65.00
Missouri:	208.00 - 225.00	-	217.00	110.00	-	110.00	72.00 - 74.00	1	73.33

Thu. Jan 06, 2022



Thu. Jan 06, 2022

Ethanol - dollars/gallon - week ending 12/31/2021 2.47 lowa: 2.37 2.54 ♦ Eastern Cornbelt 2.62 2.70 4 2.66 2.45 2.37 2.55 ♦ Kansas: _ 2.48 Minnesota: 2.45 2.51 ♦ -2.43 Nebraska: 2.54 ♦ 2.33 -Wisconsin: NA NA NA South Dakota: 2.50 2.50 ♦ 2.50

