

DATE APRIL 6<sup>TH</sup>, 2023



"I'll phone the office and tell them you'll be late." George Booth November 29, 1952







# Corn Plan 2023-Zimmerman

### CORN-If started Jan 1, 2023

- 25 % \$6.00 -6.11 FUT Should have sold Jan 3<sup>rd</sup>, 2023 at \$6.10
- 25 % \$6.15-6.26 FUT
- Sell the last 25%
  - -\$6.27-6.47
- Have 75% price by June 30th
- Simple: 5.95, 6.11, 6.26, 6.47 6.79

#### Long Term Retracement

100%	\$ 8.27
76.40%	\$ 7.64
61.50%	\$ 7.25
50%	\$ 6.94
38.50%	\$ 6.63
23.60%	\$ 6.24
0.00%	\$ 5.61

#### Harvest Contract Retracement

100%	\$ 6.79
76.40%	\$ 6.47
61.50%	\$ 6.26
50%	\$ 6.11
38.50%	\$ 5.95
23.60%	\$ 5.74
0.00%	\$ 5.42

## Soybean Plan 2023-Zimmerman

2022 Harvest Retracement

## **SOYBEANS-If start Jan 1, 2023**

- 25 % sold on \$13.75-14.02 FUT
   Should have sold Jan 3 for \$14.00
- 25 % sold on 14.36-14.50
- Sell the last 25%
  - **-** \$14.70- 15.14
  - Have 75% price by June 30th
- Simple: 14.00,14.36,14.48 14.70, 15.14

100%	\$15.84
76.40%	\$15.14
61.50%	\$14.70
50%	\$14.36
38.50%	\$14.02
23.60%	\$13.58
0.00%	\$12.88

#### Harvest Contract Retracement

100%	\$14.48
76.40%	\$13.93
61.50%	\$13.58
50%	\$13.32
38.50%	\$13.05
23.60%	\$12.70
0.00%	\$12.15

## Wheat Plan 2023-Zimmerman

## WHEAT-If started Jan 1, 2023

- 15 % sold on \$9.36 FUT
- 25 % Sold on \$9.78 FUT
- 30% Sold \$10.10 FUT

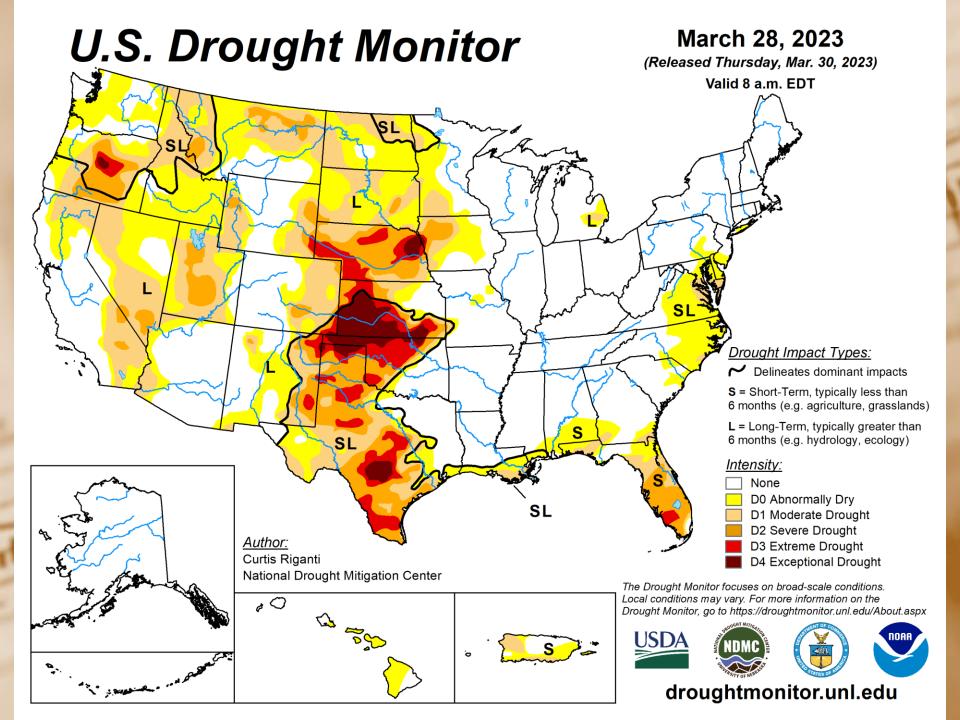
Simple: 9.36 9.78, 9.83 10.10. 10.42 10.66, 10.84

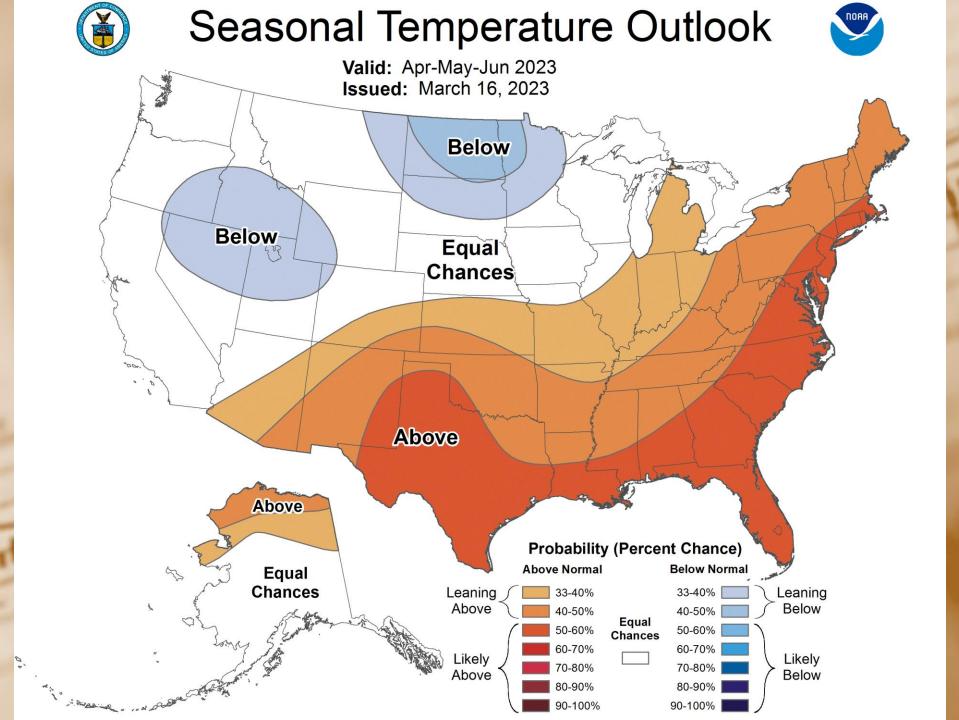
Long Term Retracement

100%	\$14.12
76.40%	\$12.79
61.50%	\$11.96
50%	\$11.31
38.50%	\$10.66
23.60%	\$ 9.83
0.00%	\$ 8.50

#### Harvest Contract Retracement

100%	\$11.50
76.40%	\$11.50 \$10.84
61.50%	\$10.42
50%	\$10.10
38.50%	\$ 9.78
23.60%	\$ 9.36
0.00%	\$10.42 \$10.10 \$ 9.78 \$ 9.36 \$ 8.70

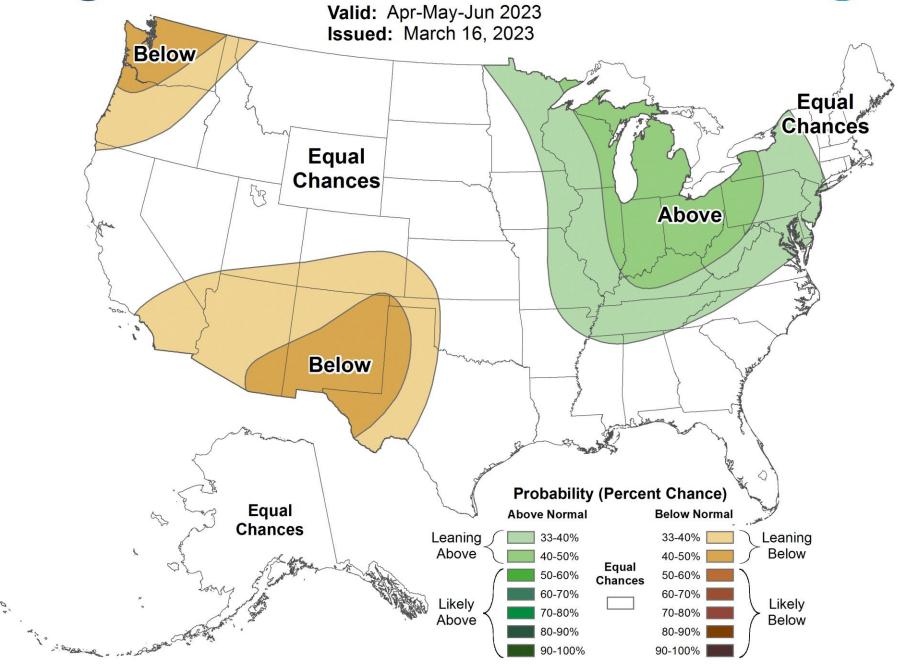


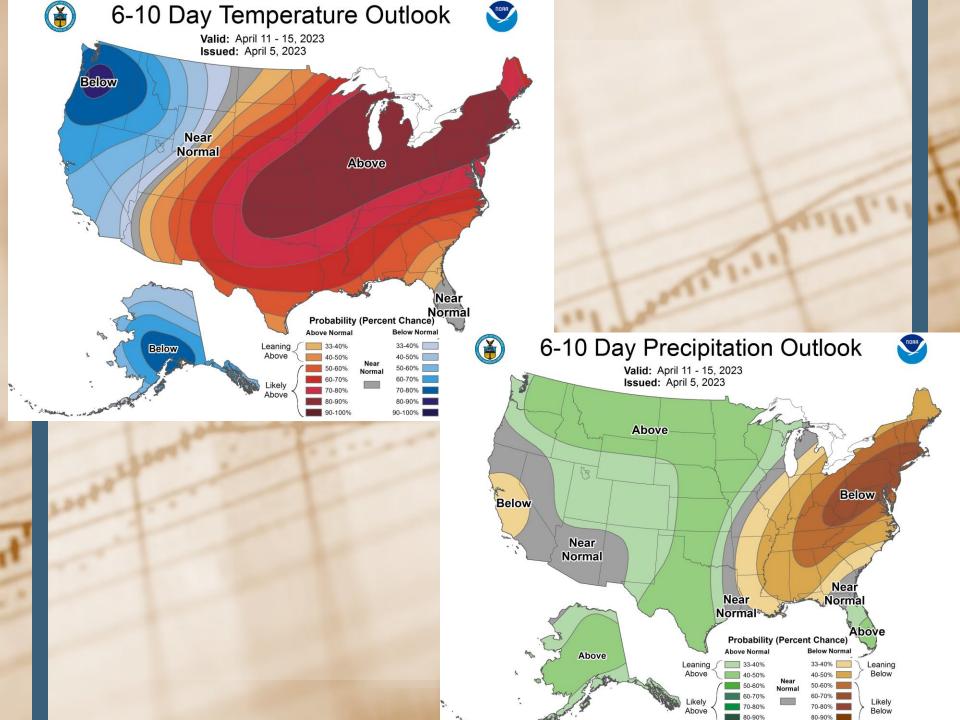


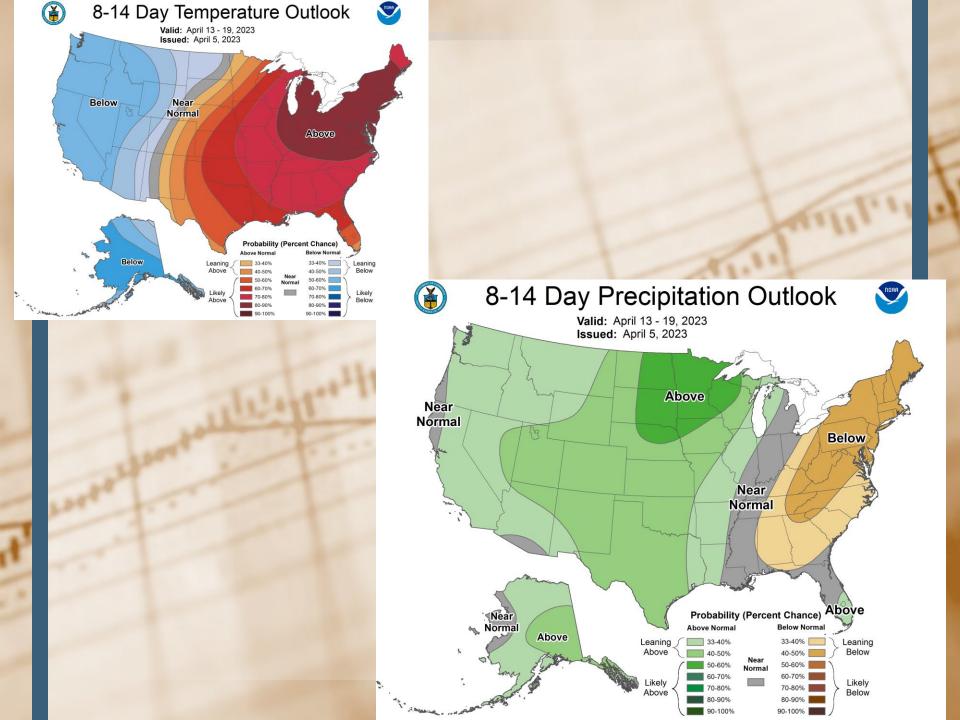


## Seasonal Precipitation Outlook









- General: Current General Market Movers
- -Plans for additional interest rate hikes-rally in crude indicating inflation still strong
- -US Speaker meeting with Taiwan-China meeting with Brazil, Demand concerns
- -March Planting Intentions are in, what will get planted, weather for most of country is looking favorable now.
- -Weather forecast for spring planting not looking like early planting for our area, any delays will add concerns to market. We need the meet USDA projections to avoid decreasing ending stocks. Global stock are tight!!

## • Corn:

- 2023 Crop Insurance Price-\$5.91, last year \$5.90, Revenue Guarantee for 165 bpa at 75%=\$731.36
- Final 2022 D/O Expense Corn Rent Mhd-\$769
- Flash sale yesterday
- 2023 Corn Bean Ratio-2.34 to 1 = support for Corn (long term is 2.4 to 1), narrowing from last meeting at 2.37
- May support at \$6.35 and resistance at \$6.85, Dec support at \$5.45 with resistance at \$5.95

## Soybeans:

- 2023 Crop Insurance Price-\$13.76, last year \$14.33, Revenue Guarantee for 39 bpa at 75%=\$402.48
- Early 2022 D/O Expense Soybean Rent Mhd-\$433
- Record crush and first time increases from month to month in 5 months
- Flash sale yesterday to unknown, is China rebuilding stocks at this price level?
- Ending stocks report next week, will they go below 200 million?
- May support \$14.75 and resistance at \$15.45, Nov support \$13.65 and resistance at \$14.05

### Wheat:

- 2023 Crop Insurance Price-\$8.87, last year \$9.19-Revenue Guarantee for 62 bpa at 75%=\$412.45
- Early 2022 D/O Expense Wheat Rent Mhd-\$545
- Spring weather will be closely watched over the next month
- 2023 Wheat/Corn Ratio is 1.55 to 1 (typical is 1.7 to 1) –Widen from 1.51 at last meeting
- Mar support at \$8.50 and resistance at \$9.50, Sept support at \$8.25 and resistance at \$9.50

### 2022/23 Crop Targets-See Expenses sheets

- 2022 Goals-Corn-ROE-2022-29.5%, 100% sold
- Soybeans-ROE-33.0%, 99% sold, Post Harvest Target-\$15.00 cash+
- Spring Wheat-ROE-(0.6%), 100% sold
- 2023 Targets
- Corn-Dec 23 Target \$6.00-Early sales at 9.9% ROE (75%),
   Soy-Nov 23-Target \$14.00-25.9% ROE (73% sold), Wheat-Sept 23-Target \$8.75-7.2% ROE (75% sold)

,														
	ELEC. CO	RN (@	C) [10]		EL	EC. SOYB	EANS (	@S) [10	]	Е	LEC. WHE	EAT (@\	W) [10]	
Month	Last	Chg	High	Low	Month		Chg	High	Low	Month	Last	Chg	High	Low
May-23	652'6s	s -1'0	660'0	646'4	May-23	1511'0s	-6'4	1527'0	1506'4	May-23	682'0s	-9'4	693'2	675'0
Jul-23	627'4s	-0'4	631'2	621'0	Jul-23	1477'6s	-5'0	1491'0	1471'0	Jul-23	694'6s	-9'2	705'2	688'0
Sep-23	569'2s	s 0'0	572'2	564'6	Aug-23	1424'2s	-4'2	1434'4	1416'0	Sep-23	708'2s	-8'4	717'4	701'2
Dec-23	560'6s	s 0'6	563'6	556'2	Sep-23	1347'2s	-3'6	1355'4	1337'6	Dec-23	726'4s	-8'2	735'0	720'0
Mar-24	568'2s	s 0'4	571'2	564'2	Nov-23	1316'0s	-4'0	1323'6	1305'4	Mar-24	738'2s	-8'2	746'2	732'6
May-24	573'2s	s 0'6	575'0	569'2	Jan-24	1322'2s	-4'0	1329'0	1312'0	May-24	741'4s	-7'2	748'4	734'4
Jul-24	574'6s	s 1'0	576'4	570'4	Mar-24	1316'0s	-4'4	1321'6	1306'4	Jul-24	725'0s	-7'2	727'2	717'2
Sep-24	546'0s	s 1'2	547'4	543'4	May-24	1317'4s	-4'0	1322'6	1307'6	Sep-24	726'6s	-7'0		
ELE	CTRONIC	OATS	(@O) [ <sup>*</sup>	10]	ELECTRO	NIC SOYB	EAN M	EAL (@	SM) [10]	ELECTRO	ONIC SOY	BEAN (	OIL (@B	O) [10]
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
May-23	338'0s	s -3'0	348'6	338'0	May-23	450.6s	-6.8	458.1	450.1	May-23	55.22s	-0.52	56.30	55.10
Jul-23	332'6s	s -7'4	346'4	332'4	Jul-23	446.8s	-6.3	453.5	446.2	Jul-23	55.44s	-0.46	56.43	55.34
Sep-23	336'6s	s -7'0	347'0	339'4	Aug-23	438.6s	-5.4	444.0	437.8	Aug-23	55.17s	-0.38	56.02	55.06
Dec-23	346'4s	-6'0	350'6	347'0	Sep-23	427.0s	-4.5	431.2	425.8	Sep-23	54.79s	-0.32	55.53	54.61
Mar-24					Oct-23	417.5s	-3.8	421.0	416.0	Oct-23	54.33s	-0.29	55.02	54.18
May-24					Dec-23	415.4s	-3.4	418.5	413.7	Dec-23	54.10s	-0.30	54.76	53.90
Jul-24	354'0s				Jan-24	410.9s	-3.0	413.1	409.4	Jan-24	54.01s	-0.27	54.57	53.86
Sep-24	349'2s	s -5'4			Mar-24	401.2s	-2.2	403.2	399.2	Mar-24	53.97s		54.48	53.83
ELECTR	ONIC RO	UGH R	ICE (@F	RR) [10]	ELE	C. HRW W	HEAT (	<b>@KW</b> ) [1	0]	ELEC	C. HRS WI		②MW) [1	0]
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
May-23	16.830s				May-23	861'4s	-11'0	874'4	853'2	May-23	873'4s	-16'0	890'2	872'0
Jul-23	17.075s	0.035	17.135	16.960	Jul-23	843'0s	-14'6	857'0	837'2	Jul-23	874'0s	-15'2	890'4	872'6
Sep-23	15.380s	-0.110	15.490	15.150	Sep-23	839'6s	-14'6	854'0	833'2	Sep-23	874'0s	-15'0	890'2	873'0
Nov-23	15.600s				Dec-23	841'4s	-13'4	854'2	834'6	Dec-23	874'6s	-15'0	891'4	873'4
Jan-24	15.850s				Mar-24	840'0s	-13'0	849'2	833'0	Mar-24	872'6s	-15'6	874'2	873'6
Mar-24	16.110s				ELEC	TRONIC C	<b>ANOLA</b>	(@RS)	[10]	May-24	859'4s			
May-24	16.410s	-0.125			Month	Last	Chg	High	Low	<b>ELECTRO</b>	NIC MILL	ING WH	IEAT (@	WA) [0]
ELEC	TRONIC E	BARLE	Y (@BW	/) [0]	May-23	763.7s	-13.6	775.7	760.0	Month	Last	Chg	High	Low
Month	Last	Chg	High	Low	Jul-23	744.9s	-14.8	757.1	740.5					
					Nov-23	713.2s	-16.9	726.0	709.2					
					Jan-24	716.5s	-16.8	729.0	713.0					
					Mar-24	720.3s	-16.7	727.9	727.9					
						ONIC DUR								
					Month	Last	Chg	High	Low					

Quotes generated on: Wed, Apr 5, 2023 4:07 PM CDT \*Quotes are in market time

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#### **`LOCAL CASH GRAIN PRICES**

Northland College-http://www.northlandfbm-moorhead.com/ Ron Dvergsten 218-686-5448 / Josh Tjosaas 218-299-5863-Instructors

	4/5/2023 4:07 p.m.			4/3/2023 2:43 p.m. 3/26		/2023 9:14 p.	m.	3/20/2023 8:49 a.m.				
	2022 Crop	2022 Crop	<b>2023 Crop</b>	2022 Crop	2022 Crop	2023 Crop	2022 Crop	2022 Crop	<b>2023 Crop</b>	2022 Crop	2022 Crop	2023 Crop
WHEAT:	May 23-Apr Del	May 23-May Del	Sept 23- Sept Del	May 23-Apr Del	May 23- May Del	Sept 23- Sept Del	May 23-Mar Del	May 23-April Del	Sept 23- Sept Del	May 23-Mar Del	May 23- April Del	Sept 23- Sept Del
Georgetown	8.29		8.09				8.13			8.18		
Maple River	8.24		<mark>7.99</mark>	8.42	8.42	8.18	8.05	8.05	<mark>7.82</mark>	8.10	8.10	<mark>7.79</mark>
Protein	+.03*1/5	+.03*1/5		+.03*1/5	+.03*1/5		+.03*1/5	+.03*1/5		+.03*1/5	+.03*1/5	
GFE	06*1/5	06*1/5		06*1/5	06*1/5		06*1/5	06*1/5		06*1/5	06*1/5	
Basis:Gtwn	-0.45Jy		<mark>-0.65</mark>				-0.42			-0.42		
Breck	-0.50	-0.50	<mark>-0.60</mark>	-0.50	-0.50	<mark>-0.60</mark>	-0.50	-0.50	<mark>-0.60</mark>	-0.50	-0.50	<mark>-0.60</mark>
Felton	-0.42	-0.42Jy	<b>-0.52</b>	-0.42	-0.47Jy	<b>-0.52</b>	-0.47	-0.47	<b>-0.52</b>	-0.42	-0.42	<b>-0.52</b>
MRG	-0.50	-0.50	<b>-0.75</b>	-0.50	-0.50	<b>-0.75</b>	-0.50	-0.50	<b>-0.75</b>	-0.50	-0.50	<b>-0.75</b>
<b>SOYBEANS:</b>	July 23-Apr Del	July 23-May Del	Nov 23-Oct Del	July 23-Apr Del	July 23-May Del	Nov 23-Oct Del	May 23-Mar Del	May 23-Apr Del	Nov 23-Oct Del	May 23-Mar Del	May 23-Apr Del	Nov 23- Oct Del
Georgetown	14.41		<b>12.51</b>				13.32			13.74		
Maple River	14.05	14.05	<b>12.61</b>	14.22	14.22	12.08	13.33	13.33	12.20	13.91	13.91	12.49
Basis: Gtwn	-0.70My		<del>-0.65</del>				-0.74Jy			-0.74Jy		
Breck	-0.75My	-0.75My	<mark>-0.60</mark>	-0.75My	-0.75My	<mark>-0.60</mark>	-0.70	-0.70	<mark>-0.60</mark>	-0.60	-0.60	<b>-0.60</b>
Felton	-0.72	-0.72	<b>-0.62</b>	-0.72	-0.72	<b>-0.62</b>	-0.72Jy	-0.72Jy	<b>-0.62</b>	-0.72Jy	-0.72Jy	- <mark>0.62</mark>
MRG	-0.73	-0.73	- <mark>0.55</mark>	-0.73	-0.73	<b>-0.55</b>	-0.73Jy	-0.73Jy	- <mark>0.55</mark>	-0.78	-0.78	<mark>-0.55</mark>
CORN:	May 23-Apr Del	May 23-May Del	Dec 23-Oct Del	May 23-Apr Del	May 23- May Del	Dec 23-Oct Del	May 23-Mar Del	May 23-Apr Del	Dec 23-Oct Del	May 23-Mar Del	May 23-Apr Del	Dec 23- Oct Del
Georgetown	6.23		<b>5.03</b>				6.00			5.89		
Cargill	6.52	6.62	<b>5.26</b>	6.58	6.68	5.33	6.40	6.50	<mark>5.24</mark>	6.29	6.29	<b>5.17</b>
Basis-Gtwn	-0.05Jy		<mark>-0.58</mark>				-0.40			-0.40		
Cargill	0.00	0.10	<b>-0.35</b>	0.00	0.10	<b>-0.35</b>	0.00	0.10	<b>-0.35</b>	0.00	0.00	<mark>-0.40</mark>
Felton	-0.12Jy	-0.12Jy	<b>-0.62</b>	-0.12Jy	-0.12Jy	<u>-0.62</u>	-0.32	-0.32	<u>-0.62</u>	-0.32	-0.32	<mark>-0.62</mark>
MRG	-0.12Jy	-0.07Jy	<mark>-0.62</mark>	-0.37	-0.32	<mark>-0.62</mark>	-0.37	-0.32	<mark>-0.62</mark>	-0.42	-0.37	<mark>-0.62</mark>

Loan Rates

	2022/2023	2022/2023	2022/2023
Crop	Clay	Norman	Wilkin
Wheat	3.77-23	3.76-23	3.78-23
Corn	2.06	2.03	2.04
Sovbeans	5.96	5.92	5.98

Commodity Int. Rate: 5.875% Apr 1, 2023 Farm Storage Loans

Annual Interest Rate	Length of Loan Term	Annual Interest Rate	Length of Loan Term
4.375%	3 years	3.875%	10 years
4.000%	5 years	3.875%	12 years
4.000%	7 years		

#### MARKETING NEWSLETTER COMPARISONS

Northland College-Josh Tjosaas and Ron Dvergsten, Instructors

4-5-2023	WHEAT	SOYBEANS	CORN	OTHER
Pro Farmer:	22: 85% sold for cash sellers and 85% sold for HTA, 15% FO 23: 30% sold for cash sellers and 30% sold for HTC, 0% FO Trend is down.	22: 70% Cash, 70%Hedgers/0%FO 23: 0% Cash, 0% Hedgers/FO Trend is steady.	22: 65% Cash, 65% Hedgers/0% FO 23: 15% Cash, 15% Hedgers/FO <b>Trend is steady.</b>	Cattle: No Sales  Trend is higher.
Money Farm:	22: 55% Sold at \$9.40 23: 10% Sold at \$11.40	22: 100% Cash/Futures at\$13.82 23: 20% Cash/Futures at \$13.36	22: 90% Cash/Futures at \$6.40 23: 10% Cash/Futures at \$5.41, 10% GTC	Luke Swenson writes this daily newsletter.
Martinson Ag:	21: 85% Sold at \$8.80 22: 40% Sold at \$10.16	22: 70% Sold at 14.45 23: 15% Sold at 14.07 Futures	22: 85% Sold \$5.87 23: Order 15% Dec 23 \$6.15	Randy Martinson writes this daily newsletter.
Roach Ag:		Tuesday April 5 <sup>h</sup> , 2023 Day 2 sell signal		
Mhd Mkt Group:	22: 100% Sold at \$6.95 Sept 22 23: 75% Sold at \$8.35, Next Target \$9.25 Futures	22: 99% Sold at \$12.16 Cash, (Target \$16.00 Cash Post Harvest, Floor at \$13.00 cash) 23: 73% Sold at \$12.57 Nov 23 Bought OTM Calls to provide for upside for 22&23 in uncertain input levels for 2023 (Final sale target at \$15.00)	22: 100% Sold at \$5.04 Cash, Target \$7.00 cash Post Harvest, Floor at \$6.00) 23: 75% Sold at \$5.25 Futures Dec 23, Next Target -\$6.25 Dec 23	
Usset, U of MN:	<u>Updated 10/11/2022</u> 22: 100% sold at 9.38 23: 33% Sold at \$9.07 Sept 23	10/7/2022 22: 75% sold at \$13.08 Cash, incremental sales at \$14, \$14.50 and \$15 on remaining bushels, floor at \$12.89 23: 18.5% sold at \$13.97 Nov 23	<u>Updated 10/14/2022</u> 22: 100% sold \$6.10 cash 23: 15% sold at \$6.07 Dec 23	You can check out Ed Usset's plans at https://www.cffm.umn.edu/grain-marketing-plans/
Terms:	CBT-Chicago Board of Trade	OC-Old Crop	P–Put Option	FC-Forward Contract
	MGE-Minneapolis Grain Exchange	NC-New Crop	C–Call Option	H-Hedge
	KC–Kansas City Board of Trade	OTM-Out-of-the-Money	ATM-At-the-Money	F/O-Futures/Options

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or options is substantial and each investor and/or trader must consider whether this is a suitable investment. By accepting this communication, you agree that you are capable of making independent trading decisions, and agree that you are not, and will not,

rely solely on this communication in making trading decisions."

#### 2022 Base Line Prices for Wheat, Soybeans and Corn

Local price (forward contract) quoted at AGV Barnesville, MN (Wheat & Soybeans) and Cargill (Wahpeton Corn Plant) for 2022 grain on the second Monday of each month. County Loan is the Minimum Price.

Month	Wheat	Basis	Soybeans	Basis	Corn	Basis
Jan 2022	8.19	-0.60	12.52	-0.70	5.18	-0.40
Feb	8.66	-0.60	14.07	-0.37	5.55	-0.40
Mar	9.74	-0.60	14.41	-0.50	6.10	-0.45
Apr	10.48	-0.57	14.58	-0.37	7.16	-0.48
May	11.49	-0.60	14.03	-0.45	6.88	-0.48
June	11.60	-0.60	14.86	-0.45	6.94	-0.25
July	8.97	-0.60	13.60	-0.45	6.04	-0.25
Aug	8.19	-0.60	13.55	-0.45	5.77	-0.25
Sept	8.53	-0.60	13.80	-0.39	6.56	-0.25
Oct	9.23	-0.60	13.41	-0.50	6.63	-0.25
Nov	9.00	-0.60	13.99	-0.45	6.49	-0.05
Dec	8.48	-0.60	14.18	-0.45	6.48	0.00
Jan 2023	8.86	-0.15	14.38	-0.60	6.51	0.00
Feb	8.86	-0.30	14.72	-0.55	6.69	-0.10
Mar	8.00	-0.40	14.26	-0.65	6.17	0.00
Apr						
May						
Jun						
Average	9.22	-0.54	14.02	-0.49	6.34	-0.24

#### 2023 Base Line Prices for Wheat, Soybeans and Corn

Local price (forward contract) quoted at AGV Barnesville, MN (Wheat & Soybeans) and Cargill (Wahpeton Corn Plant) for 2022 grain on the second Monday of each month. County Loan is the Minimum Price.

Month	Wheat	Basis	Soybeans	Basis	Corn	Basis
Jan 2023	8.10	-0.70	13.38	-0.60	5.50	-0.40
Feb	8.36	-0.55	13.20	-0.60	5.53	-0.40
Mar	7.77	-0.55	12.95	-0.55	5.19	-0.40
Apr						
May						
June						
July						
Aug						
Sept						
Oct						
Nov						
Dec						
Jan 2024						
Feb						
Mar						
Apr						
May						
Jun						
Average	8.12	-0.61	13.21	-0.59	5.43	-0.40

Corn Quotes-2023	3/13/2023	Spread		3/15/2023	Spread		3/16/2023	Spread		3/20/2023		
Dec-23	5.584		Dec-23	5.556		Dec-23	5.54		Dec-23	5.572		
Mar-24	5.664	0.08	Mar-24	5.644	0.088	Mar-24	5.626	0.086	Mar-24	5.66	0.088	
May-24		0.136	May-24	5.694	0.138	May-24	5.682	0.142	May-24	5.72		
Jul-24	5.734	0.15	Jul-24	5.736	0.18	Jul-24	5.704	0.164	Jul-24	5.74	0.168	
	3/22/2023			3/26/2023			3/30/2023			4/3/2023		
Dec-23	5.482	Spread	Dec-23	5.586	Spread	Dec-23	5.706	Spread	Dec-23	5.674	Spread	
Mar-24	5.57	0.088	Mar-24	5.674	0.088	Mar-24	5.79	0.084	Mar-24	6.75	1.076	
May-24	5.622	0.14	May-24	5.74	0.154	May-24	5.834	0.128	May-24	5.792	0.118	
Jul-24	5.64	0.158	Jul-24	5.75	0.164	Jul-24	5.826	0.12	Jul-24	5.802	0.128	
	4/5/2023	Spread			Spread			Spread			Spread	
Dec-23	5.606		Dec-23			Dec-23			Dec-23			
Mar-24	5.682	0.076	Mar-24	_	0	Mar-24		0	Mar-24		0	
May-24	5.732	0.126	May-24		0	May-24		0	May-24		0	
Jul-24	5.746	0.14	Jul-24		0	Jul-24		0	Jul-24		0	
		Spread			Spread			Spread			Spread	
Dec-23			Dec-23			Dec-23			Dec-23			
Mar-24		0	Mar-24		0	Mar-24		0	Mar-24		0	
May-24		0	May-24	_	0	May-24		0	May-24		0	
Jul-24		0	Jul-24	_	0	Jul-24		0	Jul-24		0	
		Spread		_	Spread			Spread			Spread	
Dec-23	- -		Dec-23	-		Dec-23			Dec-23			
Mar-24		0	Mar-24	-	0	Mar-24		0	Mar-24		0	
May-24		0	May-24	-	0	May-24		0	May-24		0	
Jul-24	1	0	Jul-24	-	0	Jul-24		0	Jul-24		0	
		Spread		-	Spread			Spread			Spread	
Dec-23			Dec-23	-		Dec-23			Dec-23			
Mar-24		0	Mar-24	-	0	Mar-24		0	Mar-24		0	
May-24		0	May-24	-	0	May-24		0	May-24		0	
Jul-24	) [	0	Jul-24	-	0	Jul-24		0	Jul-24		0	
		Spread		-	Spread			Spread			Spread	
Dec-23			Dec-23	-		Dec-23			Dec-23			
Mar-24	·	0	Mar-24	-	0	Mar-24		0	Mar-24		0	
May-24		0	May-24	-	0	May-24		0	May-24		0	
Jul-24		0	Jul-24	Г	0	Jul-24		0	Jul-24		0	
		Spread			Spread			Spread			Spread	
Dec-23			Dec-23	-		Dec-23			Dec-23			
Mar-24		0	Mar-24	-	0	Mar-24		0	Mar-24		0	
May-24		0	May-24	-	0	May-24		0	May-24		0	
Jul-24		0	Jul-24		0	Jul-24		0	Jul-24		0	

3/30/2023	4/3/2023	4/5/2023
		-0.05
		-0.12
_	0	0
_	ŭ	-0.05
_	0.1	0.1
		-0.15
		-0.15
		-0.03
		-0.65
		-0.72
	-0.75	-0.75
		-0.7
		-0.55
		-0.65
		-0.73
-0.4	-0.4	-0.4
-0.47	-0.42	-0.42
-0.5	-0.5	-0.5
-0.42		-0.45
-0.4	-0.4	-0.4
-0.35	-0.35	-0.35
		-0.5
		-0.5
		-0.62
		-0.35
-	0.55	-0.58
-n 4	-0.4	-0.4
		-0.6
		-0.6
		-0.62
_		-0.55
_		-0.62
_ <b>-0.6</b>	-0.6	-0.6
=		-0.65
		-0.6
-0.6	-0.6	-0.6
-0.55	-0.55	-0.55
-0.55	-0.55	-0.55
-0.52	-0.52	-0.52
-0.6	-0.6	-0.6
=		-0.65
-0.65	-0.65	-0.65
_		-0.55
_		
-0.75	-0.75	-0.75
	-0.5 -0.42 -0.4 -0.35 -0.5 -0.5 -0.62 -0.6 -0.6 -0.62 -0.62 -0.55 -0.62 -0.65 -0.62 -0.65 -0.62 -0.65 -0.62	-0.05

Name: Farm Business Management-Projection for 2023 Central RRV Valley
es 8.76 13.15 5.61 Prices as of 4/5/2023

2023 Futures 8.76 13.15 5.61 Prices as of 4/5
2023 PROJECTED FARM CASH FLOW BY CROP/BEP
Expenses based on 2022 final Mbd Analysis

2023 PROJECTED FARM							on 2022 final M	/Ihd An	alysis								
Projected Future Prices-Basis	\$	(0.30)		(0.50)		,	Non JV										Old Crop
Based on historical values		WHEAT_	<u>sc</u>	OYBEANS	CORN		<u>SugarBeet</u>	<u>Su</u>	nflowers		<u>Barley</u>	Edib	ole Beans	<u>See</u>	ed/Soy		<u>Hay</u>
Acres		1		1	1		11		1		1		1		1		1
Yield Per Acre		65.00		44.00	170.00		27.00		25.00		85.00		22.00		2.00		3.50
Price Received per unit	\$	8.46	\$	12.65	•		55.00		24.00		6.50		34.00		13.65		150.00
Total Product Return per Acre	\$	549.90	\$	556.60	\$ 868.70	) \$	1,485.00	\$	600.00	\$	552.50	\$	748.00	\$	573.30	\$	525.00
Gross Return per Acre	\$	549.90	\$	556.60	\$ 868.70	\$	1,485.00	\$	600.00	\$	552.50	\$	748.00	\$	573.30	\$	525.00
DIRECT EXPENSES																	
Seed	\$	32.00	\$	65.00	\$ 105.00	) \$	285.00	\$	40.00	\$	20.00	\$	70.00	\$	64.00		
Fertilizer	\$	167.00	\$	30.00	\$ 210.00	) \$	125.00	\$	145.00	\$	120.00	\$	135.00	\$	30.00	\$	80.00
Crop Chemicals	\$	42.00	\$		\$ 40.00	) \$	164.00	\$	48.00	\$	40.00	\$	95.00	\$	48.00		
Crop Insurance	\$	21.00	\$	25.00	\$ 26.00	) \$	47.00	\$	31.00	\$	28.00	\$	34.00	\$	25.00	\$	4.00
Fuel and Oil	\$	23.00	\$	23.00	\$ 35.00		83.00	\$	28.00	\$	27.00	\$	29.00	\$	23.00	\$	39.00
Repairs	\$	35.00	\$	36.00	\$ 71.00	) \$	136.00	\$	54.00	\$	44.00	\$	44.00	\$	36.00	\$	63.00
Custom Hire/Lease	\$	8.00	\$	6.00	\$ 8.00		115.00	\$	5.00	\$	4.00	\$	3.00	\$	6.00	\$	20.00
Land Rent/Costs	\$	155.00	\$	155.00	*		155.00	\$	155.00	\$	155.00	\$	155.00	\$	155.00	\$	155.00
Drying					\$ 15.00												
Miscellaneous	\$	10.00	\$		\$ 15.00		23.00	\$	19.00	\$	19.00	\$	14.00		10.00		12.00
TOTAL DIRECT EXPENSE	\$	493.00	\$	398.00	\$ 680.00	) \$	1,133.00	\$	525.00	\$	457.00	\$	579.00	\$	397.00	\$	373.00
OVERUEAR EVERNOES	N- 1	/5.6	N- 17		.1- 1 /04	NI - 1	/8.6	N - 1 //		N- 17	'A 4	N - 1 /N		NI - 1 /04		N - 1 /N/	
OVERHEAD EXPENSES	No L		No L/		No L/M	No I		No L/I		No L/		No L/N		No L/M		No L/M	
Overhead Expenses	\$	60.00	\$	60.00	\$ 105.00	\$	240.00	\$	90.00	\$	60.00	\$	85.00	\$	60.00	\$	90.00
				60.00		\$				\$				\$			
Overhead Expenses TOTAL OVERHEAD EXPENSE	\$ <b>\$</b>	60.00 <b>60.00</b>	\$	60.00 <b>60.00</b>	\$ 105.00 <b>\$ 105.0</b> 0	) \$ <b>) \$</b>	240.00 <b>240.00</b>	\$	90.00	\$	60.00 <b>60.00</b>	\$ <b>\$</b>	85.00 <b>85.00</b>	\$	60.00 <b>60.00</b>	\$	90.00 <b>90.00</b>
Overhead Expenses	\$	60.00	\$	60.00   60.00	\$ 105.00	) \$ <b>) \$</b>	240.00	\$	90.00	\$	60.00	\$	85.00	\$	60.00	\$	90.00
Overhead Expenses TOTAL OVERHEAD EXPENSE TOTAL EXPENSES/ACRE	\$ \$	60.00 <b>60.00</b> <b>553.00</b>	\$	60.00 60.00 458.00	\$ 105.00 \$ 105.00 \$ 785.00	) \$ ) \$	240.00 240.00 1,373.00	\$ \$	90.00 <b>90.00</b> <b>615.00</b>	\$	60.00 <b>60.00</b> <b>517.00</b>	\$	85.00 <b>85.00</b> <b>664.00</b>	\$	60.00 <b>60.00</b> <b>457.00</b>	\$	90.00 90.00 463.00
Overhead Expenses TOTAL OVERHEAD EXPENSE	\$ <b>\$</b>	60.00 <b>60.00</b>	\$	60.00 <b>60.00</b>	\$ 105.00 <b>\$ 105.0</b> 0	) \$ ) \$	240.00 <b>240.00</b>	\$ \$	90.00	\$	60.00 <b>60.00</b>	\$ <b>\$</b>	85.00 <b>85.00</b>	\$	60.00 <b>60.00</b>	\$	90.00 <b>90.00</b>
Overhead Expenses TOTAL OVERHEAD EXPENSE TOTAL EXPENSES/ACRE	\$ \$	60.00 <b>60.00</b> <b>553.00</b>	\$ \$	60.00 60.00 458.00	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	240.00 240.00 1,373.00	\$ \$	90.00 <b>90.00</b> <b>615.00</b>	\$ \$	60.00 <b>60.00</b> <b>517.00</b>	\$	85.00 <b>85.00</b> <b>664.00</b>	\$ \$ \$	60.00 <b>60.00</b> <b>457.00</b>	\$ \$ \$	90.00 90.00 463.00
Overhead Expenses TOTAL OVERHEAD EXPENSE TOTAL EXPENSES/ACRE  NET RETURN/ACRE	\$ \$ \$	60.00 60.00 553.00	\$ \$ \$	60.00 60.00 458.00 98.60	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	240.00 240.00 1,373.00	\$ \$ \$	90.00 90.00 615.00	\$ \$	60.00 60.00 517.00 35.50	\$ \$ \$	85.00 85.00 664.00	\$ \$ \$	60.00 60.00 457.00	\$ \$ \$	90.00 90.00 463.00 62.00
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income	\$ \$ \$	60.00 60.00 553.00 (3.10)	\$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 785.00	) \$ ) \$ ) \$ ) \$	240.00 240.00 1,373.00 112.00	\$ \$ \$	90.00 90.00 615.00 (15.00)	\$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50	\$ \$ \$ \$	85.00 85.00 664.00 84.00	\$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30	\$ \$ \$	90.00 90.00 463.00 62.00
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre	\$ \$ \$ \$	60.00 60.00 553.00 (3.10) 549.90 553.00	\$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60 458.00	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 785.00	) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	240.00 240.00 1,373.00 112.00 1,485.00 1,373.00	\$ \$ \$ \$	90.00 <b>90.00</b> <b>615.00</b> <b>(15.00)</b> <b>600.00</b> <b>615.00</b>	\$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50 517.00	\$ \$ \$ \$	85.00 85.00 664.00 84.00 748.00 664.00	\$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30 457.00	\$ \$ \$ \$	90.00 90.00 463.00 62.00 525.00 463.00
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense	\$ \$ \$ \$	60.00 60.00 553.00 (3.10) 549.90 553.00 (3.10)	\$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60 458.00 98.60	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 785.00 \$ 83.70	) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	240.00 240.00 1,373.00 112.00 1,485.00 1,373.00 112.00	\$ \$ \$ \$	90.00 90.00 615.00 (15.00) 600.00 615.00 (15.00)	\$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50 517.00 35.50	\$ \$ \$ \$	85.00 85.00 664.00 84.00 748.00 664.00 84.00	\$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30 457.00 116.30	\$ \$ \$ \$	90.00 90.00 463.00 62.00 525.00 463.00 62.00
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre	\$ \$ \$ \$ \$	60.00 60.00 553.00 (3.10) 549.90 553.00 (3.10) -0.56%	\$ \$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60 458.00 98.60 21.53%	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 8785.00 \$ 83.70	) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	240.00 240.00 1,373.00 112.00 1,485.00 1,373.00 112.00 8.16%	\$ \$ \$ \$ \$	90.00 90.00 615.00 (15.00) 600.00 615.00 (15.00) -2.44%	\$ \$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50 517.00 35.50 6.87%	\$ \$ \$ \$	85.00 85.00 664.00 84.00 748.00 664.00 84.00 12.65%	\$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30 457.00 116.30 25.45%	\$ \$ \$ \$ \$	90.00 90.00 463.00 62.00 525.00 463.00 62.00 13.39%
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre Profit Margin	\$ \$ \$ \$ \$	60.00 60.00 553.00 (3.10) 549.90 553.00 (3.10) -0.56%	\$ \$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60 458.00 98.60 21.53%	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 83.70 10.66	) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	240.00 240.00 1,373.00 112.00 1,485.00 1,373.00 112.00 8.16%	\$ \$ \$ \$ \$	90.00 90.00 615.00 (15.00) 600.00 615.00 (15.00) -2.44%	\$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50 517.00 35.50 6.87%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	85.00 85.00 664.00 84.00 748.00 664.00 84.00 12.65% 30.18	\$ \$ \$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30 457.00 116.30 25.45%	\$ \$ \$ \$	90.00 90.00 463.00 62.00 525.00 463.00 62.00 13.39%
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre Profit Margin  BEP L/M & NR \$50/A	\$ \$ \$ \$ \$	60.00 60.00 553.00 (3.10) 549.90 553.00 (3.10) -0.56% 8.51 9.28	\$ \$ \$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60 458.00 98.60 21.53% 10.41 11.55	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 83.70 10.66 \$ 4.62 \$ 4.91	) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	240.00 240.00 1,373.00 112.00 1,485.00 1,373.00 112.00 8.16% 50.85 52.70	\$ \$ \$ \$ \$ \$	90.00 90.00 615.00 (15.00) 600.00 615.00 (15.00) -2.44% 24.60 26.60	\$ \$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50 517.00 35.50 6.87%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	85.00 85.00 84.00 748.00 664.00 84.00 12.65% 30.18 32.45	\$ \$ \$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30 457.00 116.30 25.45% 10.88 12.07	\$ \$ \$ \$ \$ \$	90.00 90.00 463.00 62.00 525.00 463.00 62.00 13.39% 132.29 146.57
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre Profit Margin  BEP L/M & NR \$50/A L/M & NR \$100/A	\$ \$ \$ \$ \$	60.00 60.00 553.00 (3.10) 549.90 553.00 (3.10) -0.56% 8.51 9.28 10.05	\$ \$ \$ \$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60 458.00 98.60 21.53% 10.41 11.55 12.68	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 785.00 \$ 83.70 10.66 \$ 4.62 \$ 4.91 \$ 5.21	) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0	240.00 240.00 1,373.00 112.00 1,485.00 1,373.00 112.00 8.16% 50.85 52.70 54.56	\$ \$ \$ \$ \$ \$ \$	90.00 90.00 615.00 (15.00) 600.00 615.00 (15.00) -2.44% 24.60 26.60 28.60	\$ \$ \$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50 517.00 35.50 6.87% 6.08 6.67 7.26	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	85.00 85.00 84.00 748.00 664.00 84.00 12.65% 30.18 32.45 34.73	\$ \$ \$ \$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30 457.00 116.30 25.45% 10.88 12.07 13.26	\$ \$ \$ \$ \$ \$ \$ \$	90.00 90.00 463.00 62.00 525.00 463.00 62.00 13.39% 132.29 146.57 160.86
Overhead Expenses TOTAL OVERHEAD EXPENSE  TOTAL EXPENSES/ACRE  NET RETURN/ACRE  Estimated Income Estimated Expense Profit Per Acre Profit Margin  BEP L/M & NR \$50/A	\$ \$ \$ \$ \$	60.00 60.00 553.00 (3.10) 549.90 553.00 (3.10) -0.56% 8.51 9.28 10.05	\$ \$ \$ \$ \$ \$ \$	60.00 60.00 458.00 98.60 556.60 458.00 98.60 21.53% 10.41 11.55	\$ 105.00 \$ 105.00 \$ 785.00 \$ 83.70 \$ 868.70 \$ 785.00 \$ 83.70 10.66 \$ 4.62 \$ 4.91 \$ 5.21 \$ 5.50	) \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$ 0 \$	240.00 240.00 1,373.00 112.00 1,485.00 1,373.00 112.00 8.16% 50.85 52.70	\$ \$ \$ \$ \$ \$	90.00 90.00 615.00 (15.00) 600.00 615.00 (15.00) -2.44% 24.60 26.60	\$ \$ \$ \$ \$ \$ \$	60.00 60.00 517.00 35.50 552.50 517.00 35.50 6.87%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	85.00 85.00 84.00 748.00 664.00 84.00 12.65% 30.18 32.45	\$ \$ \$ \$ \$ \$ \$	60.00 60.00 457.00 116.30 573.30 457.00 116.30 25.45% 10.88 12.07	\$ \$ \$ \$ \$ \$	90.00 90.00 463.00 62.00 525.00 463.00 62.00 13.39% 132.29 146.57

Developed by Randy Zimmerman, NCTC Ulen-Mahnomen Modified by Josh Tjosaas and Ron Dvergsten-Moorhead

#### **2022 GRAIN SALES SUMMARY**

#### <u>Name</u>

	Acres	Preharvest Sales	Sales to Date	Bushels to Left to Presell	Percent Sold	Av	erage Futures Price	A۱	verage Cash Price	Tota	al Preharvest Sales
Corn	500	65625	87500	-21875	100%	\$	5.48	\$	5.04	\$	440,770.00
<u>-</u>											
Soybean	500	16500	21750	-5250	99%	\$	12.46	\$	12.16	\$	264,447.50
Wheat	500	24375	32500	-8125	100%	\$	7.25	\$	6.95	\$	225,937.50
Totals	1500									\$	931,155.00

#### **POST HARVEST SALES SUMMARY**

PUST HARVEST SALES SUMMARY													
	Acres	Bushels to Sell	l otal Busnels to Produce	39500			10	tai Postnarvest Sales	BU/A SOLD	BEP For Post Harvest	Projected BEY w Sales		
Corn	500	0	87500	0%	\$	5.85	\$	-	175.00	#DIV/0!	143.18		
Soybean	500	250	22000	1%	\$	14.32	\$	3,580.00	43.50	\$ (253.61)	34.64		
Wheat	500	0	32500	0%	\$	8.23	\$	-	65.00	#DIV/0!	65.88		
Other Crop	0.000001	Tons	Tons Produced	100%			\$	-		#DIV/0!	#DIV/0!		
ugarbeets	1	28.00	28	100%		42		1176		\$ 43.06	28.705644		
Totals	1501						\$	4,756.00			<u> </u>		
									<u>ROI</u>	20%			
	Project	Corn Expense	\$ 347,704.06					Net Farr	n Income Ratio	17%			
	Project Soy	bean Expense	\$ 201,044.65										
		Vheat Expense						2020 Sales		Net Return			
Proj	ected Sugar	beet Expenses	\$ 1,205.64				\$	935,911.00		\$ 156,412.00	i		
		Crop Expense							Return/Acre	\$ 104.21			
То	tal Project I	Farm Expense	\$ 779,499.00							-	•		

#### **2023 GRAIN SALES SUMMARY**

#### <u>Name</u>

	Acres	Preharvest Sales	Sales to Date	Bushels to Left to Presell	Percent Sold	Av	erage Futures Price	A۱	erage Cash Price	Tota	al Preharvest Sales
Corn	600	75150	75000	150	75%	\$	5.15	\$	4.65	\$	349,000.00
Soybean	600	19350	18900	450	73%	\$	12.57	\$	11.97	\$	226,260.00
Wheat	300	15075	15075	0	75%	\$	8.25	\$	7.95	\$	119,777.50
Totals	1500									\$	695,037.50

#### **POST HARVEST SALES SUMMARY**

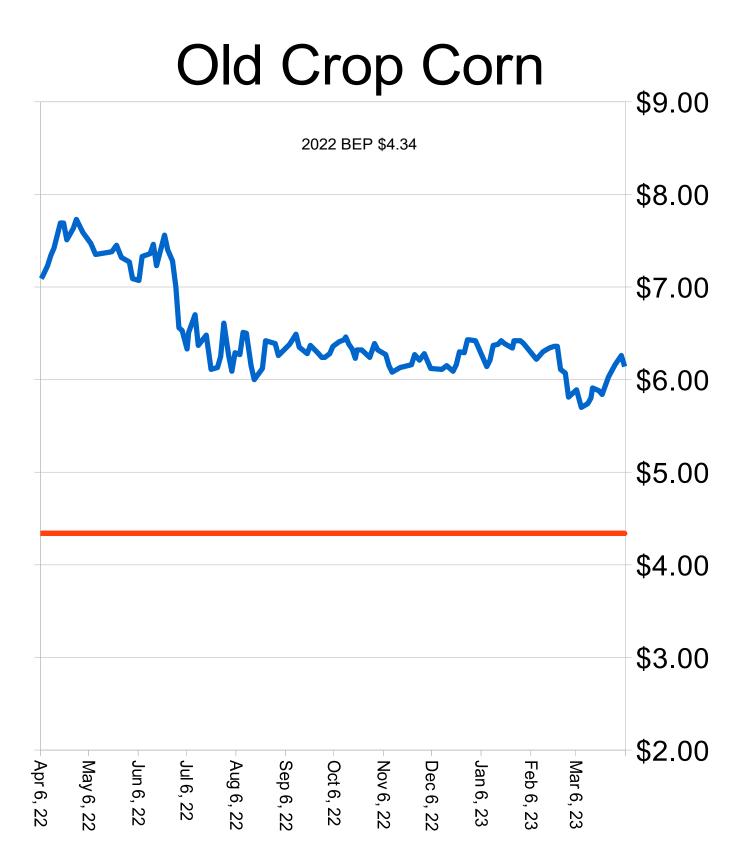
							•			
			l otal Busnels to			10	tai Postnarvest			Projected
	Acres	Bushels to Sell	Produce	39500			Sales	BU/A SOLD	BEP For Post Harvest	BEY w Sales
Corn	600	25200	100200	25%	\$ 5.06	\$	127,512.00	125.00	\$ 3.31	152.48
Soybean	600	6900	25800	27%	\$ 13.14	\$	90,666.00	31.50	\$ 2.76	33.91
	•									
Wheat	300	5025	20100	25%	\$ 7.86	\$	39,496.50	50.25	\$ 5.82	62.65
	0.000001			4000/					#BN#61	#BD##4
Other Crop	0.000001			100%		\$	-		#DIV/0!	#DIV/0!
<u>-</u>		Tons	Tons Produced							
ugarbeets	1	28.00	28	100%	55		1540		\$ 47.96	24.414695
Totals	1501					\$	259,214.50			
								<u>ROI</u>	15%	
	Project (	Corn Expense	\$ 432,435.44		_		Net Farr	n Income Ratio	13%	
	Project Soyl	bean Expense	\$ 245,297.17							Ī
	Projected W	heat Expense	\$ 149,018.58				2020 Sales		Net Return	
Proje	ected Sugarb	eet Expenses	\$ 1,342.81			\$	954,252.00		\$ 126,158.00	
Proj	ected Misc. (	Crop Expense	\$ 0.00		•			Return/Acre	\$ 84.05	I
Tot	tal Project F	arm Expense	\$ 828,094.00					<u>'</u>	<u> </u>	<b>-</b>

# Old Crop Wheat



# Old Crop Soybeans





# 2022 & 2023 Wheat

2022 Red-\$7.66, 2023 Green-\$7.96



# 2022 & 2023 Soybeans

2022 Red-\$9.56, 2023 Green-\$10.65

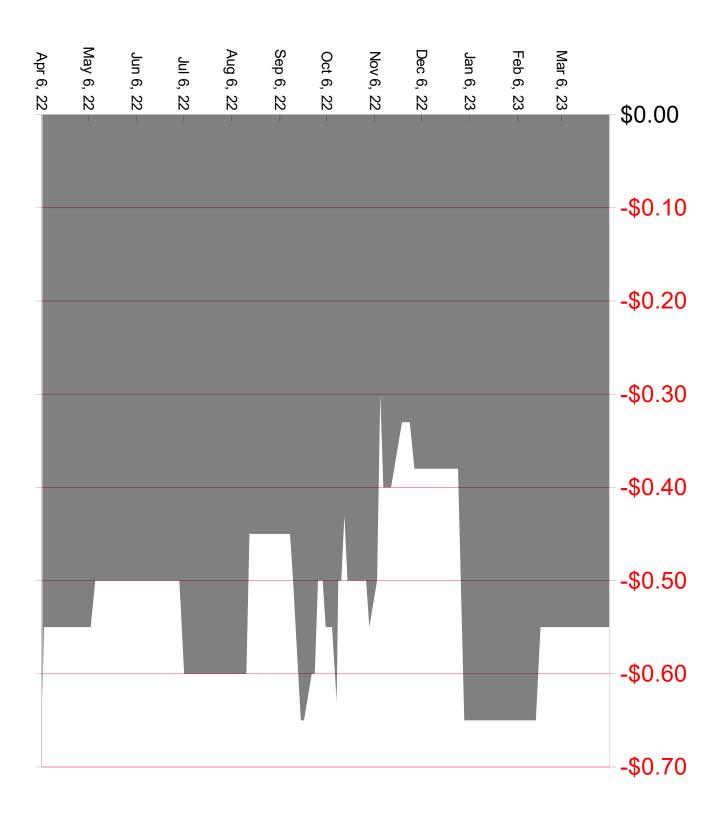


# 2022 and 2023 Corn

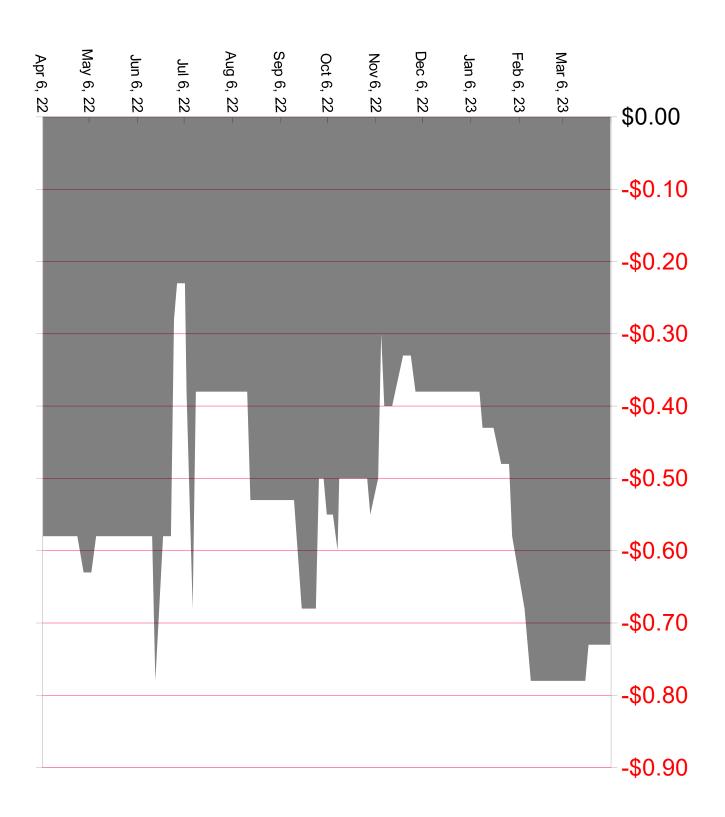
2022 Red-\$4.34, 2023 Green-\$4.77



# New crop Soybean basis



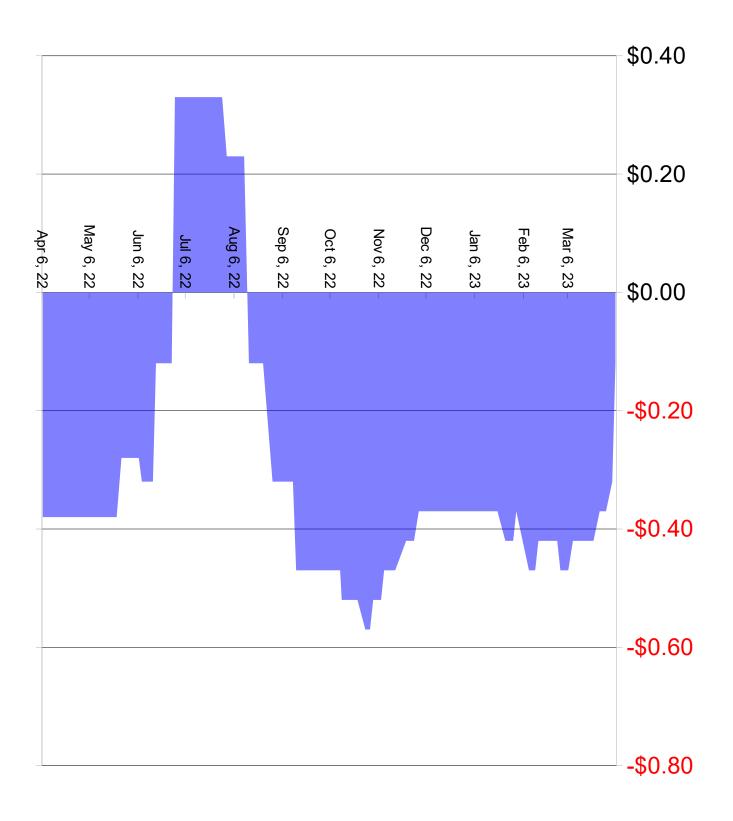
# Old crop Soybean basis



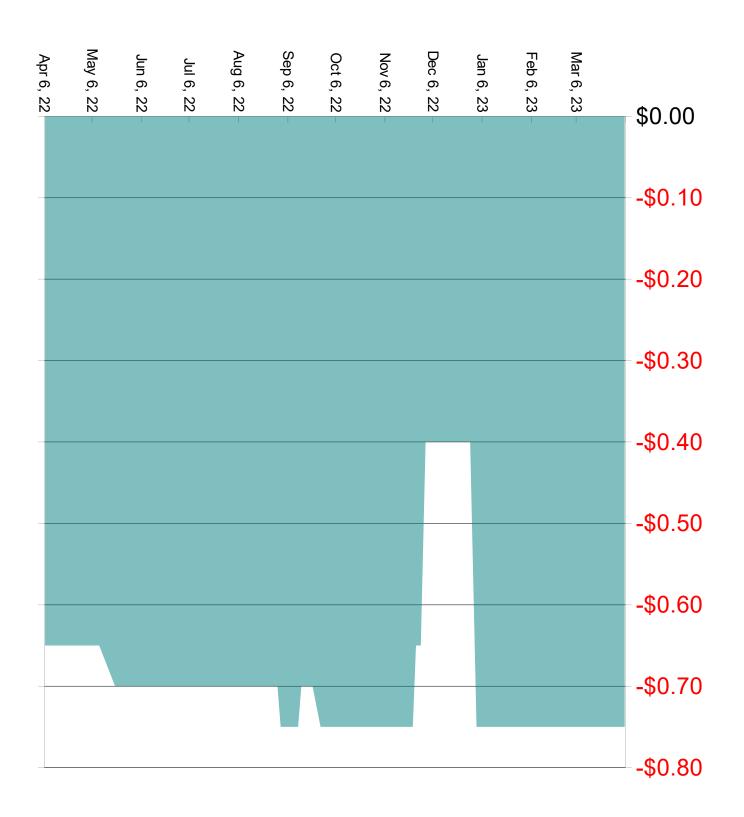
### new crop Corn basis



## old crop Corn basis



# new crop Wheat basis



### old crop Wheat basis





## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Corn: 2023 Pre-Harvest Marketing Plan

by Edward Usset

Expected 2023 production: 100,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated corn crop (based on APH) priced by mid-June.

- Price 15,000 bushels at \$5.50 cash price (\$5.90 Dec. futures) using forward contract/futures hedge/futures fixed contract.
- Price 10,000 bushels at \$5.90c/\$6.30f, or by April 6, pricing tool to-be-determined (tbd).
- Price 15,000 bushels at \$6.30c/\$6.70f, or by May 5, pricing tool tbd.
- Price 10,000 bushels at \$6.70c/\$7.10f, or by May 17, pricing tool tbd.
- Price 15,000 bushels at \$7.10c/\$7.50f, or by June 5, pricing tool tbd.
- Price the last 10,000 bushels at \$7.50c/\$7.90f, or by June 21, pricing tool tbd.

Plan starts on January 1, 2023. Earlier sales may be made at a 50-cent premium and would be limited to 30,000 bushels.

Ignore decision dates and make no sale if prices are lower than \$5.50 local cash price/\$5.90 December futures.



# **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Corn: Execution of the 2023 Pre-Harvest Marketing Plan by Edward Usset

Expected 2023 production: 100,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated corn crop (based on APH) priced by mid-June.

- Price 15,000 bushels at \$5.50 cash price (\$5.90 Dec. futures) using forward contract/futures hedge/futures fixed contract. Futures sale January 3, 2023 @ \$6.063/4 Dec'23 contract
- Price 10,000 bushels at \$5.90c/\$6.30f, or by April 6, pricing tool to-be-determined (tbd).
- Price 15,000 bushels at \$6.30c/\$6.70f, or by May 5, pricing tool tbd.
- Price 10,000 bushels at \$6.70c/\$7.10f, or by May 17, pricing tool tbd.
- Price 15,000 bushels at \$7.10c/\$7.50f, or by June 5, pricing tool tbd.
- Price the last 10,000 bushels at \$7.50c/\$7.90f, or by June 21, pricing tool tbd.

The plan starts on January 1, 2023. Earlier sales may be made at a 50-cent premium and would be limited to 30,000 bushels.

Ignore decision dates and make no sale if prices are lower than \$5.50 local cash price/\$5.90 December futures.



## **Center for Farm Financial Management University of Minnesota**

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Corn: Execution of the 2023 Pre-Harvest Marketing Plan by Edward Usset

January 3, 2023: The new year has started, and the plan is active. I make a sale of 3 contracts of Dec'23 corn futures at \$6.06\frac{3}{4} per bushel.

2023 status: I am 15% sold with Dec'23 futures at \$6.07, or a cash price at harvest of about \$5.70.



### **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Soybeans: 2023 Pre-Harvest Marketing Plan

by Ed Usset

Expected 2023 production: 27,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated soybean crop priced by mid-June.

- Price 5,000 bushels at \$13.00 cash price (\$13.50 Nov futures) using forward contract/futures hedge/futures fixed contract.
- Price 5,000 bushels at \$14.20c/\$14.70f, or by April 6, pricing tool to-be-determined (tbd).
- Price 5,000 bushels at \$15.40c/\$15.90f, or by May 5, pricing tool tbd.
- Price 5,000 bushels at \$16.60c/\$17.10f, or by June 5, pricing tool tbd.

Plan starts on January 1, 2023. Earlier sales may be made at a 75-cent premium and would be limited to 10.000 bushels.

Ignore decision dates and make no sale if prices are lower than \$13.00 local cash price/\$13.50 November futures.



### **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Soybeans: Execution of the 2023 Pre-Harvest Marketing Plan

by Ed Usset

Expected 2023 production: 27,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my anticipated soybean crop priced by mid-June.

- Price 5,000 bushels at \$13.00 cash price (\$13.50 Nov futures) using forward contract/futures hedge/futures fixed contract. Futures sale on January 3, 2023 @ \$19.97 Nov'23 contract
- Price 5,000 bushels at \$14.20c/\$14.70f, or by April 6, pricing tool to-be-determined (tbd).
- Price 5,000 bushels at \$15.40c/\$15.90f, or by May 5, pricing tool tbd.
- Price 5,000 bushels at \$16.60c/\$17.10f, or by June 5, pricing tool tbd.

The plan starts on January 1, 2023. Earlier sales may be made at a 75-cent premium and would be limited to 10.000 bushels.

Ignore decision dates and make no sale if prices are lower than \$13.00 local cash price/\$13.50 November futures.



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

Soybeans: Execution of the 2023 Pre-Harvest Marketing Plan by Ed Usset

January 3, 2023: The new year has started, and the plan is active. I make a sale of one contract of Nov'23 soybean futures at \$13.97 per bushel.

I am 15% sold on the 2023 crop at an average Nov'23 futures price of \$13.97 or a cash price of about \$13.40 per bushel.



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.asp

Spring Wheat: 2023 Pre-Harvest Marketing Plan by Edward Usset

Expected 2023 production: 30,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my APH insured wheat crop priced by mid-June.

- Price 5,000 bushels at \$8.30 cash price (\$8.70 September futures) using forward contract/futures hedge/futures fixed contract.
- Price 5,000 bushels at \$8.90c/\$9.30f, or by March 7, pricing tool to-be-determined (tbd).
- Price 2,500 bushels at \$9.50c/\$9.90f, or by April 6, pricing tool tbd.
- Price 5,000 bushels at \$10.10c/\$10.50f, or by May 5, pricing tool tbd.
- Price my last 5,000 bushels at \$10.70c/\$11.10f, or by June 5, pricing tool tbd.

Plan starts on January 1, 2023. Earlier sales may be made at a 50-cent premium and would be limited to 15,000 bushels.

I will consider the Dec'23 futures contract for new crop sales at a 18-cent premium to Sep'23.

Ignore decision dates and make no sale if prices are lower than \$8.30 local cash price/\$8.70 September futures.



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.asp

#### Spring Wheat: Execution of the 2023 Pre-Harvest Marketing Plan by Edward Usset

Expected 2023 production: 30,000 bushels

Objective: Buy crop insurance to protect my production risk and have 75% of my APH insured wheat crop priced by mid-June.

- Price 5,000 bushels at \$8.30 cash price (\$8.70 September futures) using forward contract/futures hedge/futures fixed contract. Futures sale on Oct. 3, 2022 @ \$9.44½ Sep'23 contract
- Price 5,000 bushels at \$8.90c/\$9.30f, or by March 7

Futures sale on March 27 @ \$8.70½ Sep'23 contract

- Price 2,500 bushels at \$9.50c/\$9.90f, or by April 6, pricing tool tbd.
- Price 5,000 bushels at \$10.10c/\$10.50f, or by May 5, pricing tool tbd.
- Price my last 5,000 bushels at \$10.70c/\$11.10f, or by June 5, pricing tool tbd.

The plan starts on January 1, 2023. Earlier sales may be made at a 50-cent premium and would be limited to 15.000 bushels.

I will consider the Dec'23 futures contract for new crop sales at an 18-cent premium to Sep'23.

Ignore decision dates and make no sale if prices are lower than \$8.30 local cash price/\$8.70 September futures.



## **Center for Farm Financial Management University of Minnesota**

http://www.cffm.umn.edu/GrainMarketing/marketingplans.aspx

#### Spring Wheat: Execution of the 2023 Pre-Harvest Marketing Plan by Edward Usset

October 3, 2022: My plan has a start date of January 1, 2023 but I reserve the right to start earlier at a price more than 50 cents above my first price objective. Selling the Sep'23 contract at \$9.44½ is a good place to start – nearly 75 cents over production costs.

March 7: A decision date is reached but the Sep'23 contract is trading nearly 30 cents below my minimum price of \$8.70 per bushel. No action taken.

March 27: The wheat market is rallying and giving me a second chance to get something done. Sell another contract of Sep'23 futures at \$8.70 ½ per bushel.

I am 30% sold on the 2023 crop at an average Sep'23 futures price of \$9.08 or a cash price of about \$8.70 per bushel.