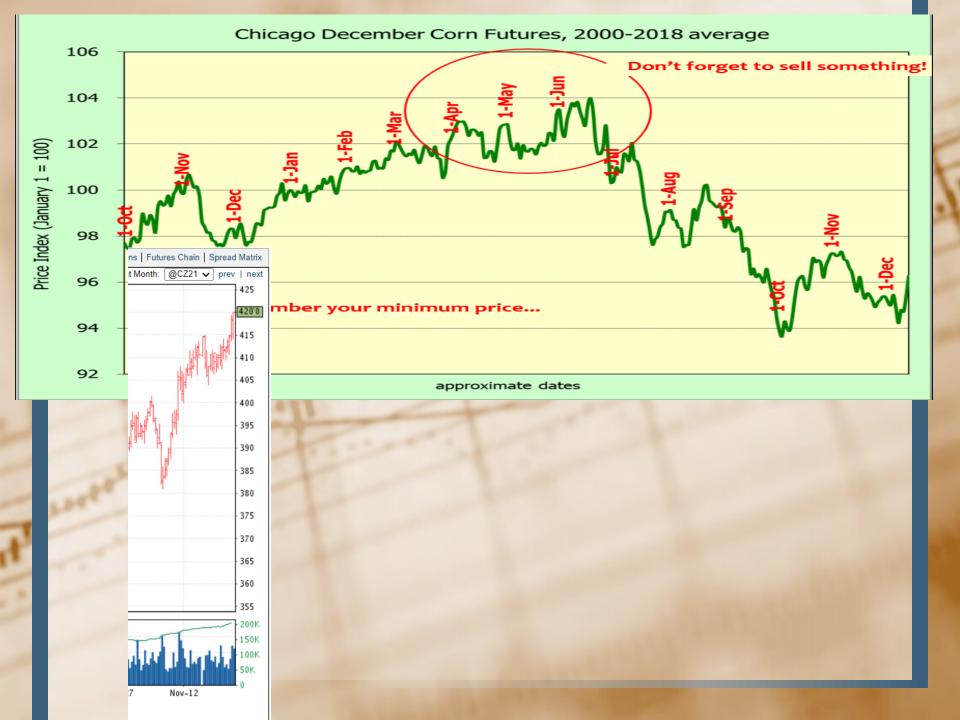
Marketing Class

DATE DECEMBER 21ST, 2020

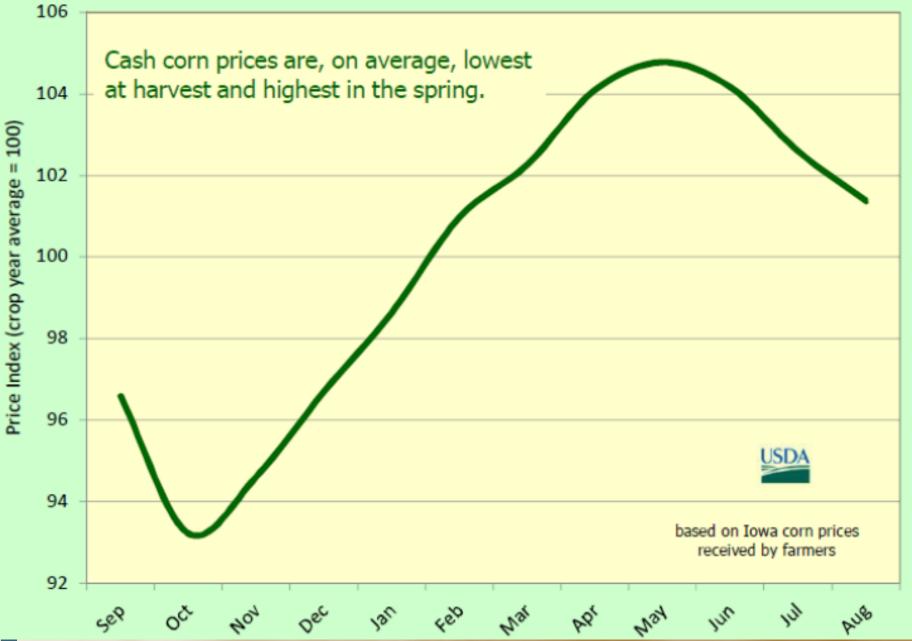


Topics for December 21st, 2020

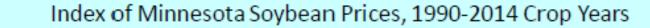
- Current Chart Comparison
- Updates on Grain Prices and Basis/Carry-Review Marketing Plans
- Market Information Outlook

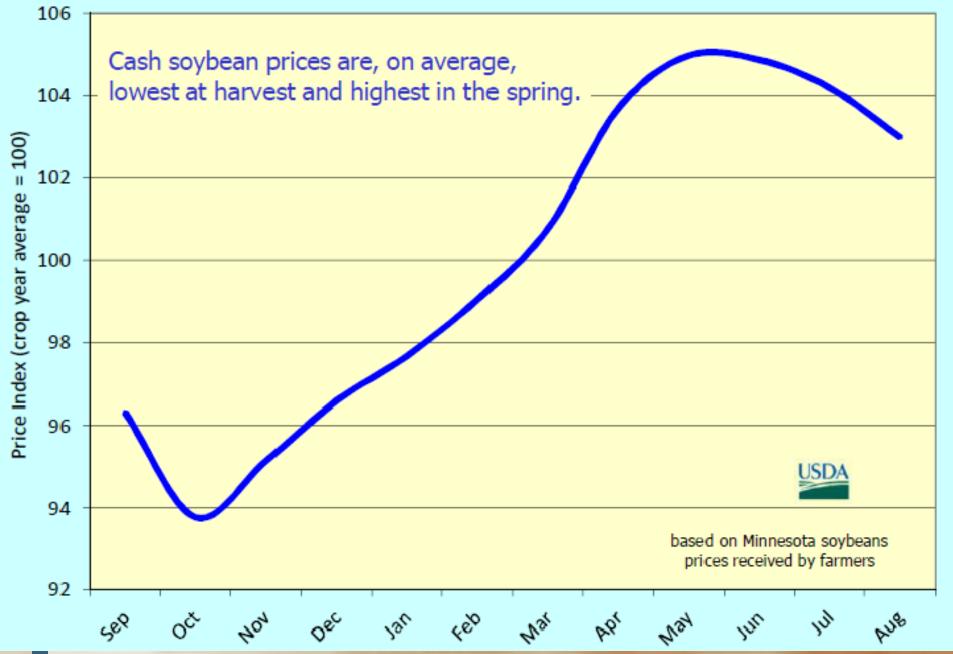


Index of Iowa Corn Prices, 1990-2014 Crop Years

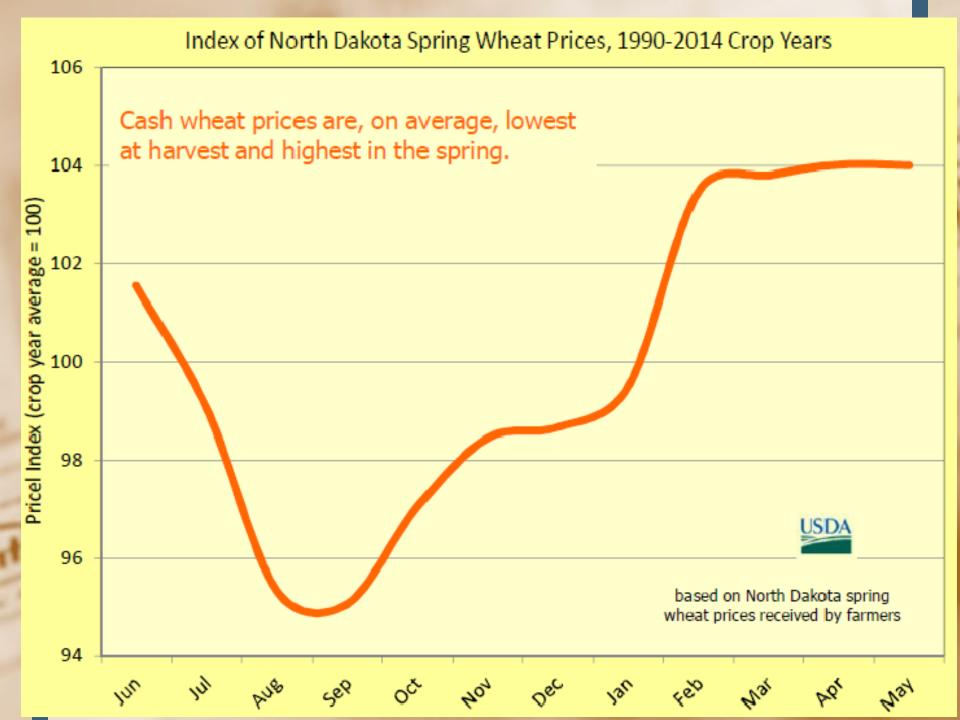


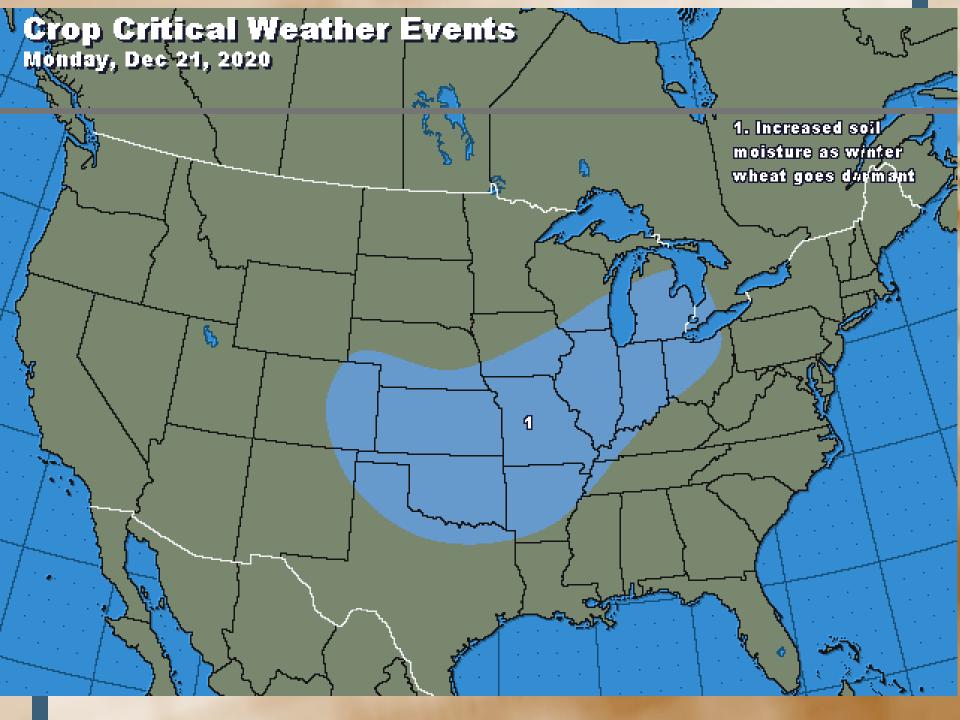










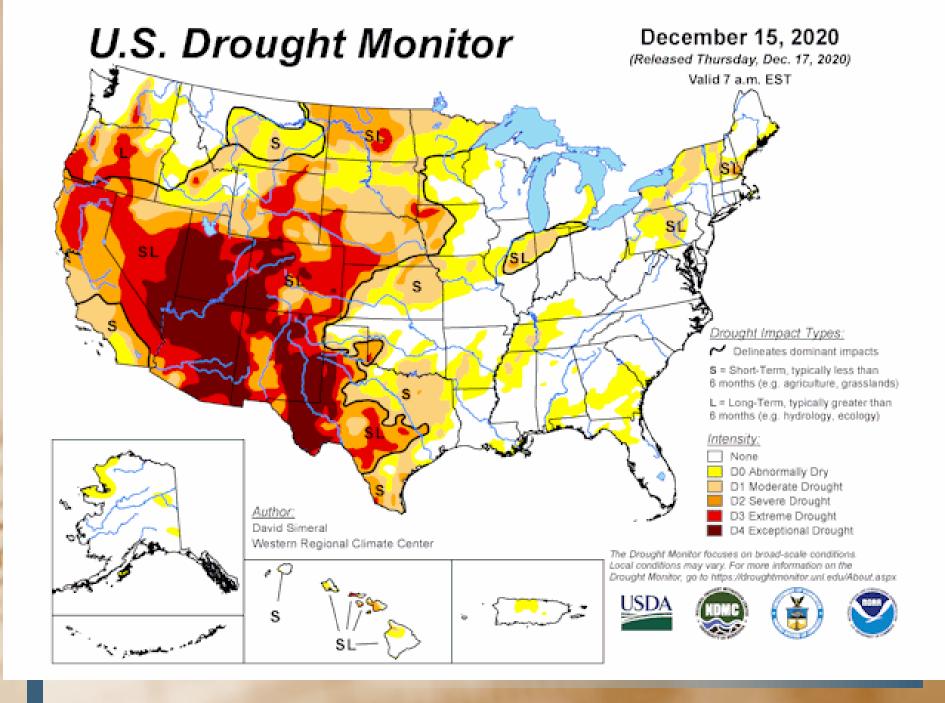


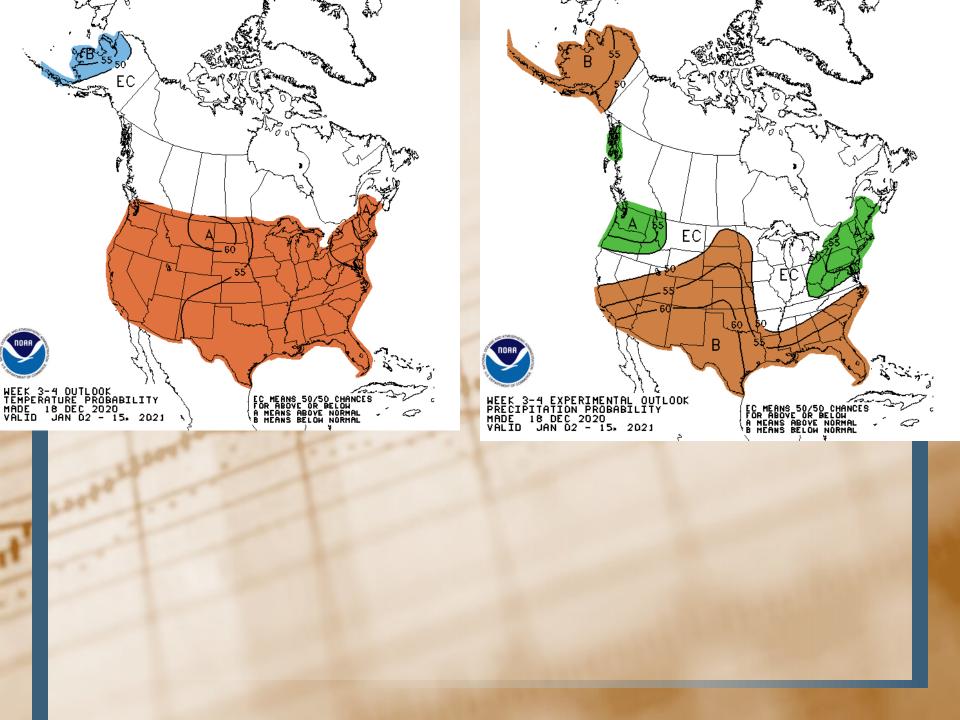
Crop Critical Weather Events Monday, Dec 21, 2020

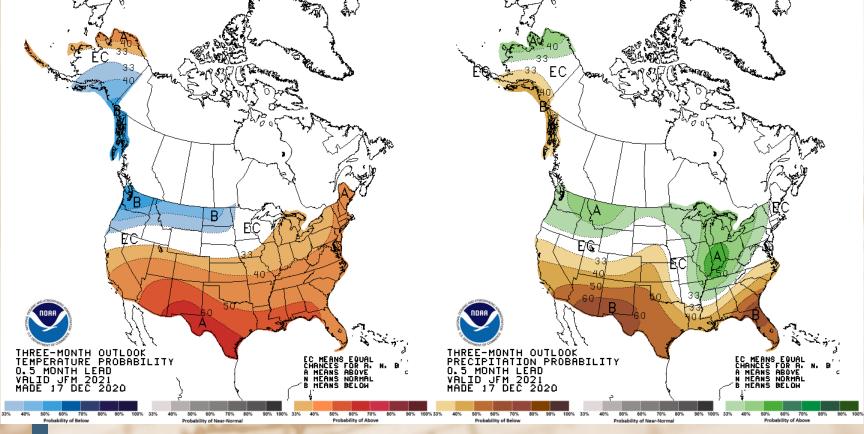
1. Drier conditions stressing developing corn and soybeans, out late week storm will benefit

2. Periods of showers continuing to benefit developing to reproductive corn and soybeans

3. Limited shower activity stressing developing to reproductive corn and soybeans. Showers increasing over the weekend









				LOC	AL CAS	H GRAI	N PRICES	5				
							dfbm-moorhe					
			R	on Dvergster	n 218-686-544	48 / Josh Tjo	saas 299-5863	-Instructors				
		/22/2020 p.i	m.		/2020 5:06	p.m.		//2020 8:15 j	5 p.m. 12/5/2020 10:34 a.m.			
	2020 Crop	2020 Crop	2021 Crop	2020 Crop	2020 Crop	2021 Crop	2020 Crop	2020 Crop	2021 Crop	2020 Crop	2020 Crop	2021 Crop
WHEAT:	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	Sept 21-Aug Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	Sept 21-Aug Del	Mar 21-Dec Del	<u>Mar 21-Jan</u> Del	Sept 21-Aug Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	Sept 21-Aug Del
Georgetown	5.46	5.46	24	5.44	5.44	24	5.47	5.47	20	5.26	5.26	24
Maple River	5.26	5.26	5.39	5.24	5.24	5.38	5.27	5.27	5.40	5.11	5.11	5.18
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	-0.25	-0.25		-0.25	-0.25		-0.25	-0.25		-0.25	-0.25	
Breck	-0.50	-0.50	-0.70	-0.50	-0.50	-0.70	-0.50	-0.50	-0.70	-0.50	-0.50	-0.70
Felton	-0.27	-0.27	-0.37	-0.27	-0.27	-0.37	-0.27	-0.27	-0.37	-0.27	-0.27	-0.37
MRG	-0.45	-0.45	-0.55	-0.45	-0.45	-0.55	-0.45	-0.45	-0.55	-0.40	-0.40	-0.55
SOYBEANS:	<u>Jan 21-Dec</u> Del	<u>Jan 21-Jan</u> Del	<u>Nov 21-Oct</u> Del	<u>Jan 21-Dec</u> Del	<u>Jan 21-Jan</u> Del	<u>Nov 21-Oct</u> Del	<u>Jan 21-Dec</u> Del	<u>Jan 21-Jan</u> Del	Nov 21-Oct Del	<u>Jan 21-Dec</u> Del	<u>Jan 21-Jan</u> Del	Nov 21-Oct Del
Georgetown	11.80	11.80		11.53	11.53		11.03	11.03		10.94	10.94	
Maple River	11.70	11.70	10.10	11.43	11.43	10.04	10.93	10.93	9.81	10.84	10.84	9.46
Basis: Gtwn	-0.67	-0.67		-0.67	-0.67		-0.67	-0.67		-0.67	-0.67	
Breck	-0.60	-0.60	-0.75	-0.60	-0.60	-0.75	-0.60	-0.60	-0.75	-0.60	-0.55	-0.75
Felton	-0.72	-0.72	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.82
MRG	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.92
CORN:	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	<u>Dec 21-Oct</u> Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	<u>Dec 21-Oct</u> Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	<u>Dec 21-Oct</u> Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	Dec 21-Oct Del
Georgetown	4.01	4.01	Dei	3.96	3.96	Dei	3.86	3.86	Dei	<u>561</u> 3.79	3.79	Dei
Cargill	4.23	4.28	3.75	4.18	4.23	3.74	4.08	4.08	3.64	4.01	4.01	3.60
Basis-Gtwn	-0.42	-0.42		-0.42	-0.42		-0.42	-0.42		-0.42	-0.42	5.00
Cargill	-0.20	-0.15	-0.45	-0.20	-0.15	-0.45	-0.20	-0.20	-0.50	-0.20	-0.20	-0.50
Felton	-0.37	-0.37	-0.72	-0.37	-0.37	-0.72	-0.37	-0.37	-0.72	-0.37	-0.37	-0.72
MRG	-0.32	-0.32	-0.62	-0.32	-0.32	-0.62	-0.32	-0.32	-0.62	-0.37	-0.37	-0.62
Loan Rates					Com	modity Int. F	Rate: 1.125%	Dec 1, 2020 F	arm Storage	Loans		
	2020	2020	2020									

	2020	2020	2020
Crop	Clay	Norman	Wilkin
Wheat	3.96	3.95	3.97
Corn	2.05	2.02	2.03
Soybeans	5.96	5.92	5.98

<u>Annual Interest</u> <u>Rate</u>	<u>Length of</u> Loan Term	<u>Annual</u> Interest Rate	<u>Length of</u> Loan Term
0.250%	3 years	0.875%	10 years
0.375%	5 years	1.000%	12 years
0.625%	7 years		

Cash Prices for Old Crop and New Crop-Marketing Impact Factors

- General-COVID relief passed for Agriculture and economy, Holiday Season, Markets Close Thursday Noon Dec 24th and reopen Sunday 7 p.m. Dec 27th Similar schedule for New Year's, Weather concerns in S. American will stay on the forefront through the new year, Possible holiday retracement although would be shallow, Approval of more vaccinations while possible virus changes in UK-effectiveness, Possible new Stimulus -\$20 for Flat Rate and Price Trigger, Supplement to CFAP2 which only covered 80% price loss on portion of crop marketings. Fully fund WHIP+ in 2021 omnibus.
- <u>https://www.profarmer.com/markets/policy/details-covid-aid-package-including-some-big-changes-ag-sector</u>

Cash Prices for Old Crop and New Crop-Marketing Impact Factors

Corn- China rumors of switching purchases from Brazil to US in Jan/Feb, Early estimates are for 91 million acres for 2021, Ethanol will be watched for potential hiccups in 2021, Support for Dec corn is at \$3.95 while resistance remains at \$4.35

Wheat- US Dollar is still weak, Russia is slowing exports, US Drought is a potential concern but more of an issue in Spring, More reduction in US planted acres for winter wheat and spring wheat in future reports, Early spring wheat acres at 11.7 million acres for 2021 versus 12.7 last month, Support for Mar MW is at \$5.35 while resistance is at \$5.95

Cash Prices for Old Crop and New Crop-Marketing Impact Factors

Soybeans- Ending stocks after Jan WASDE could be close to 100 million, which is bare bottom stocks and only way to ration will be prices, China possibly switching from Brazil/S. America to US exports in Jan/Feb as well as other countries due to Argentina strike, Dry in S Brazil and Argentina, Brazil crop may be worse than expected, Expectations for 89 million acres in 2021 versus 83 million in 2020. Support for January soybeans is at \$9.85 while resistance is at \$12.00

2021 Crop Targets-Review 2020 and 2021 Marketing Plan

- 21 Corn Dec Futures 2021-\$4.00, Hit \$4.20, look at GTC increased targets, Next Target 4.40+ (FSA PP for 2021-\$3.50)
- 21 Soybeans Nov Futures 2021-\$10.00, Hit \$10.8, Next Target \$11.40+ (FSA PP for 2021-\$9.00)
- 21 Spring Wheat Sept Futures 2021-\$5.90-Hit already, Next Target \$6.00+ (FSA PP for 2021-\$5.25)
- 21 Spring Wheat Dec Futures 2021-\$6.00-Hit already, Next Target \$6.20+

Zimmerman Thoughts

- Risk management.
- 25% sales on battle for acres
- 25% May/June/July Rally with typical seasonal.
- 25% Post Harvest or Late Sales.
- Marketing Plan 2021 Pricing objectives futures:
- Corn: Dec 2021 \$4.09-\$4.30, 4.30-4.50, 4.50-UP Sell all corn above 3.70 cash.
- Soybeans: Nov 21: \$10.20-10.80 10.80-11.80 11.80 Up Sell beans above \$10.00 cash.
- Wheat: Sep 2021 \$5.80-6.10, 6.10-6.30, 6.30 Up Sell wheat above \$5.80 cash
- I am a bit cautious to price a big lot to early but need to consider risks. THIS is an example of plan. Make a plan to call your own. Everybody's situation is different, but a plan may help make decisions. Maybe we get back to a more typical seasonal market or will the market continue to surprise like much

12/22/2020

Contract Composite

	ELEC. CO)RN (@	C) [10]		EL	EC. SOYI	BEANS	(@S) [10]	E	LEC. WH	EAT (@	W) [10]	
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
Mar-21	442'6	2'6	444'2	437'2	Jan-21	1246'4	3'2	1252'2	1236'6	Mar-21	616'0	4'6	619'6	603'0
May-21	444'4	2'4	445'2	438'6	Mar-21	1249'2	1'6	1256'2	1241'0	May-21	616'0	3'6	618'6	604'6
Jul-21	444'2	2'0	445'0	439'4	May-21	1248'2	1'4	1254'4	1239'4	Jul-21	609'2	3'2	611'0	598'4
Sep-21	426'2	1'0	426'6	423'0	Jul-21	1242'4	2'2	1247'4	1233'4	Sep-21	611'4	2'6	613'2	601'4
Dec-21	419'6	-0'2	420'6	417'6	Aug-21	1210'6	2'0	1215'4	1203'0	Dec-21	618'4	2'6	619'6	609'0
Mar-22		-0'6	425'2	422'4	Sep-21	1135'0	-2'6	1141'6	1131'4	Mar-22	624'2	1'6	625'6	615'6
May-22		-0'2		424'0	Nov-21	1086'6	-4'4	1094'4	1085'0	May-22	620'2	1'2	621'0	620'2
Jul-22	424'6	-1'0		423'4	Jan-22	1086'0	-2'4	1091'4	1082'6	Jul-22	605'0	-0'4	607'4	598'6
ELE	CTRONIC		(@O) [10]	ELECTRO	NIC SOY		IEAL (@	SM) [10]	ELECTRO	DNIC SO	BEAN	OIL (@B	<mark>O)</mark> [10]
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
Mar-21	336'4	-1'2	338'4	335'0	Jan-21	413.7	1.4	416.9	408.6	Jan-21	40.49	0.53	40.52	39.64
May-21	334'0) -0'4	334'6	332'0	Mar-21	413.1	1.0	416.3	408.4	Mar-21	39.94	0.39	40.00	39.23
Jul-21	331'4s	s 0'6			May-21	410.8	1.2	413.8	406.2	May-21	39.37	0.25	39.50	38.72
Sep-21	312'6s	s 0'6			Jul-21	409.1	1.2	412.3	404.9	Jul-21	39.07	0.16	39.28	38.50
Dec-21	308'6s	s 0'4			Aug-21	398.1	0.2	401.2	396.6	Aug-21	38.60	0.09	38.83	38.30
Mar-22	316'0s	s 0'4			Sep-21	379.0	-1.8	383.1	378.3	Sep-21	38.11	0.12	38.32	37.64
May-22	316'0s	s 0'4			Oct-21	360.7	-2.4	365.1	360.1	Oct-21	37.62	0.02	37.83	37.30
Jul-22	316'0s	s 0'4			Dec-21	359.1	-3.1	363.7	357.7	Dec-21	37.50	0.05	37.78	37.04
ELECTR	ONIC RO	UGH R	ICE (@F	RR) [10]	ELE	C. HRW V	VHEAT	(@KW) [10]	ELEC	C. HRS W	HEAT (@MW) [[.]	10]
Month	Last	Chg	High	Low	Month	Last	Chg	High	Low	Month	Last	Chg	High	Low
Jan-21	12.355	-0.005	12.435	12.325	Mar-21	579'0	4'4	581'4	563'0	Mar-21	570'6	0'4	573'6	565'0
Mar-21	12.510	0.005	12.580	12.455	May-21	582'2	4'0	584'4	567'0	May-21	579'4	0'6	582'0	574'0
May-21	12.640s	-0.205			Jul-21	584'2	3'6	586'4	569'4	Jul-21	587'4	1'2	589'2	581'0
Jul-21	12.785s	-0.205			Sep-21	589'2	4'0	591'0	574'6	Sep-21	593'6	0'2	596'2	588'2
Sep-21	11.650s	-0.205	11.910	11.910	Dec-21	596'4	4'2	597'6	582'4	Dec-21	601'6	-1'0	603'4	599'6
Nov-21	11.655s	-0.205			ELEC	TRONIC (CANOL	A (@RS)	[10]	Mar-22	604'6	-2'6	607'0	604'6
	11.655s				Month	Last	Chg	High	Low	ELECTRO	NIC MILL	ING W	HEAT (@	WA) [0]
ELEC	TRONIC I	BARLE	Y (@BV	/) [0]	Jan-21	638.7	4.4	641.1	633.7	Month	Last	Chg	High	Low
Month	Last	Chg	High	Low	Mar-21	628.2	2.4	630.8	624.4					
					May-21	612.8	1.3	615.7	610.9					
					Jul-21	596.1	1.0	599.5	595.4					
					Nov-21	529.1	2.6	530.8	526.0					
					ELECTR									
					Month	Last	Chg	High	Low					
			Quot	es denera	ted on: Tue		-	<u> </u>		are in marke	t time			

Quotes generated on: Tue, Dec 22, 2020 1:19 PM CST *Quotes are in market time

							N PRICES						
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	1			0		Ĵ.	saas 299-5863						
	12	2/22/2020 p.	m.	12/20)/2020 5:06	p.m.	12/14/2020 8:15 p.m.			12/5/2	12/5/2020 10:34 a.m.		
	2020 Crop	2020 Crop	2021 Crop	2020 Crop	2020 Crop	2021 Crop	2020 Crop	2020 Crop	2021 Crop	2020 Crop	2020 Crop	2021 Crop	
WHEAT:	Mar 21-Dec Del	<u>Mar 21-Jan</u> Del	<u>Sept 21-Aug</u> Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	Sept 21-Aug Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	<u>Sept 21-Aug</u> Del	<u>Mar 21-Dec</u> Del	<u>Mar 21-Jan</u> Del	<u>Sept 21-Aug</u> Del	
Georgetown		5.46		5.44	5.44		5.47	5.47		5.26	5.26		
Maple River	5.26	5.26	5.39	5.24	5.24	5.38	5.27	5.27	5.40	5.11	5.11	5.18	
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	-0.25	-0.25		-0.25	-0.25		-0.25	-0.25		-0.25	-0.25		
Breck	-0.50	-0.50	-0.70	-0.50	-0.50	-0.70	-0.50	-0.50	-0.70	-0.50	-0.50	-0.70	
Felton	-0.27	-0.27	-0.37	-0.27	-0.27	-0.37	-0.27	-0.27	-0.37	-0.27	-0.27	-0.37	
MRG	-0.45	-0.45	-0.55	-0.45	-0.45	-0.55	-0.45	-0.45	-0.55	-0.40	-0.40	-0.55	
SOYBEANS:	Jan 21-Dec Del	Jan 21-Jan Del	Nov 21-Oct Del	<u>Jan 21-Dec</u> Del	<u>Jan 21-Jan</u> Del	Nov 21-Oct Del	<u>Jan 21-Dec</u> Del	<u>Jan 21-Jan</u> Del	Nov 21-Oct Del	<u>Jan 21-Dec</u> Del	<u>Jan 21-Jan</u> Del	Nov 21-Oct Del	
Georgetown	11.80	11.80		11.53	11.53		11.03	11.03		10.94	10.94		
Maple River	11.70	11.70	10.10	11.43	11.43	10.04	10.93	10.93	9.81	10.84	10.84	9.46	
Basis: Gtwn	-0.67	-0.67		-0.67	-0.67		-0.67	-0.67		-0.67	-0.67		
Breck	-0.60	-0.60	-0.75	-0.60	-0.60	-0.75	-0.60	-0.60	-0.75	-0.60	-0.55	-0.75	
Felton	-0.72	-0.72	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.82	
MRG	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.92	
CODN	Mar 21-Dec	Mar 21-Jan	Dec 21-Oct	Mar 21-Dec	Mar 21-Jan	Dec 21-Oct	Mar 21-Dec	Mar 21-Jan	Dec 21-Oct	Mar 21-Dec	Mar 21-Jan	Dec 21-Oct	
CORN:	Del	Del	Del	Del	Del	Del Del	Del	Del	Del	Del	Del	Del	
Georgetown		4.01		3.96	3.96		3.86	3.86		3.79	3.79		
Cargill	4.23	4.28	3.75	4.18	4.23	3.74	4.08	4.08	3.64	4.01	4.01	3.60	
Basis-Gtwn	-0.42	-0.42		-0.42	-0.42		-0.42	-0.42		-0.42	-0.42		
Cargill	-0.20	-0.15	-0.45	-0.20	-0.15	-0.45	-0.20	-0.20	-0.50	-0.20	-0.20	-0.50	
Felton	-0.37	-0.37	-0.72	-0.37	-0.37	-0.72	-0.37	-0.37	-0.72	-0.37	-0.37	-0.72	
MRG	-0.32	-0.32	-0.62	-0.32	-0.32	-0.62	-0.32	-0.32	-0.62	-0.37	-0.37	-0.62	
Loan Rates	2020			_	Com	modity Int. I	Rate: 1.125%	Dec 1, 2020 F	arm Storage	Loans			
Сгор	2020 Clay	2020 Norman	2020 Wilkin	_	Δnn	ual Interest	Length of	Annual	Lengt	h of			
Crop		TUTILIAN	vv iikiii		Ann D-4-	uai interest	Longth UI			<u>II UI</u>			

2020	2020	2020
Clay	Norman	Wilkin
3.96	3.95	3.97
2.05	2.02	2.03
5.96	5.92	5.98
	Clay 3.96 2.05	Clay Norman 3.96 3.95 2.05 2.02

Annual Interest Rate	<u>Length of</u> Loan Term	<u>Annual</u> Interest Rate	<u>Length of</u> Loan Term
0.250%	3 years	0.875%	10 years
0.375%	5 years	1.000%	12 years
0.625%	7 years		

Basis Check Elevators	12/3/2020	12/7/2020	12/7/2020	12/11/2020	12/14/2020	12/16/2020	12/18/2020	12/21/2020	
Old Corn-Ag Valley	-0.4	-0.4	-0.4	-0.4	-0.4	-0.35	-0.35	-0.35	
Old Corn-Felton	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	
Old Corn-Cargill	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2	
Old Corn-Georgetown	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	
Old Corn-Tharaldson	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	
Old Corn-CW Valley	-0.37	-0.37	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	
Old Corn-Valley United	-0.42	-0.42	-0.42	-0.37	-0.37	-0.37	-0.37	-0.37	
Old Corn-Maple River	-0.37	-0.37	-0.37	-0.32	-0.32	-0.32	-0.32	-0.32	
Old Soybean-Ag Valley	-0.59	-0.63	-0.63	-0.63	-0.63	-0.69	-0.69	-0.69	
Old Soybean-Felton	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.72	
Old Soybean-Minn Kota	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	
Old Soybean-Georgetown	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	
Old Soybean-CW Valley	-0.65	-0.7	-0.7	-0.65	-0.65	-0.65	-0.68	-0.68	
Old Soybean-Valley United	-0.72	-0.72	-0.72	-0.77	-0.77	-0.77	-0.77	-0.77	
Old Soybean-Maple River	-0.72	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	-0.77	
Old S.WAg Valley	-0.35	-0.35	-0.35	-0.35	-0.35	-0.32	-0.32	-0.32	
Old S.WFelton	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	-0.27	
Old S.WMinn Kota	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	
Old S.WGeorgetown	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	
Old S.WCW Valley	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	
Old S.WValley United	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	
Old S.WMaple River	-0.4	-0.4	-0.4	-0.45	-0.45	-0.45	-0.45	-0.45	
New Corn-Ag Valley	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	
New Corn-Felton	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	
New Corn-Cargill	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	
New Corn-Georgetown	_								
New Corn-Tharaldson	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	-0.35	
New Corn-CW Valley	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	-0.65	
New Corn-Valley United	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	
New Corn-Maple River	-0.62	-0.62	-0.57	-0.57	-0.62	-0.62	-0.62	-0.62	
New Soybean-Ag Valley	-0.85	-0.85	-0.85	-0.85	-0.7	-0.7	-0.7	-0.7	
New Soybean-Felton	-0.82	-0.82	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	
New Soybean-Minn Kota	-0.85	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	-0.75	
New Soybean-Georgetown									
New Soybean-CW Valley	-0.92	-0.92	-0.92	-0.8	-0.8	-0.8	-0.75	-0.75	
New Soybean-Valley United	-0.92	-0.92	-0.82	-0.77	-0.77	-0.77	-0.77	-0.77	
New Soybean-Maple River	-0.92	-0.92	-0.92	-0.77	-0.77	-0.77	-0.77	-0.77	
New S.WAg Valley	-0.55	-0.55	-0.55	-0.55	-0.55	-0.58	-0.58	-0.58	
New S.WFelton	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	
New S.WMinn Kota	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	
New S.WGeorgetown	-								
New S.WCW Valley	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	
New S.WValley United	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	
New S.WMaple River	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	

orn Quotes	12/15/2020	Spread		12/18/2020	Spread	1	2/21/2020	Spread		Spread
Dec-21	4.12		Dec-21	4.184		Dec-21	4.2		Dec-21	
Mar-22	4.174	0.054	Mar-22	4.234	0.05	Mar-22	4.25	0.05	Mar-22	C
May-22	4.194	0.074	May-22	4.246	0.062	May-22	4.26	0.06	May-22	C
Jul-22	4.19	0.07	Jul-22	4.242	0.058	Jul-22	4.256	0.056	Jul-22	C
Dec-21		Spread	Dec-21		Spread	Dec-21		Spread	Dec-21	Spread
Mar-22		0	Mar-22		0	Mar-22		0	Mar-22	C
May-22		0	May-22		0	May-22		0	May-22	C
Jul-22		0	Jul-22		0	Jul-22		0	Jul-22	C
		Spread			Spread			Spread		Spread
Dec-21			Dec-21			Dec-21			Dec-21	
Mar-22		0	Mar-22		0	Mar-22		0	Mar-22	C
May-22		0	May-22		0	May-22		0	May-22	C
Jul-22		0	Jul-22		0	Jul-22		0	Jul-22	C
		Spread			Spread			Spread		Spread
Dec-21			Dec-21			Dec-21			Dec-21	
Mar-22		0	Mar-22		0	Mar-22		0	Mar-22	C
May-22		0	May-22		0	May-22		0	May-22	C
Jul-22		0	Jul-22		0	Jul-22		0	Jul-22	C
		Spread			Spread			Spread		Spread
Dec-21			Dec-21			Dec-21			Dec-21	
Mar-22		0	Mar-22		0	Mar-22		0	Mar-22	C
May-22		0	May-22		0	May-22		0	May-22	C
Jul-22		0	Jul-22		0	Jul-22		0	Jul-22	C
		Spread			Spread			Spread		Spread
Dec-21			Dec-21			Dec-21			Dec-21	
Mar-22		0	Mar-22		0	Mar-22		0	Mar-22	C
May-22		0	May-22		0	May-22		0	May-22	C
Jul-22		0	Jul-22		0	Jul-22		0	Jul-22	C
		Spread			Spread			Spread		Spread
Dec-21			Dec-21			Dec-21			Dec-21	
Mar-22		0	Mar-22		0	Mar-22		0	Mar-22	C
May-22		0	May-22		0	May-22		0	May-22	C
Jul-22		0	Jul-22		0	Jul-22		0	Jul-22	C
		Spread			Spread			Spread		Spread
Dec-21			Dec-21			Dec-21			Dec-21	
Mar-22		0	Mar-22		0	Mar-22		0	Mar-22	C
May-22		0	May-22		0	May-22		0	May-22	C
Jul-22		0	Jul-22		0	Jul-22		0	Jul-22	C

Corn Quotes	9/11/2020	Spread		9/14/2020	Spread		9/18/2020	Spread		9/21/2020	Spread
Dec-20	3.67	-	Dec-20	3.684		Dec-20	3.764	-	Dec-20	3.712	-
Mar-21	3.762	0.092	Mar-21	3.776	0.092	Mar-21	3.854	0.09	Mar-21	3.804	0.092
May-21	3.82	0.15	May-21	3.84	0.156	May-21	3.906	0.142	May-21	3.864	0.152
Jul-21	3.852	0.182	Jul-21	3.876	0.192	Jul-21	3.936	0.172	Jul-21	3.902	0.19
	9/23/2020			9/24/2020			9/28/2020			10/1/2020	
Dec-20	3.684	Spread	Dec-20	3.644	Spread	Dec-20	3.692	Spread	Dec-20	3.822	Spread
Mar-21	3.772	0.088	Mar-21	3.73	0.086	Mar-21	3.776	0.084	Mar-21	3.912	0.09
May-21	3.826	0.142	May-21	3.784	0.14	May-21	3.826	0.134	May-21	3.966	0.144
Jul-21	3.86	0.176	Jul-21	3.82	0.176	Jul-21	3.866	0.174	Jul-21	4.002	0.18
	10/2/2020 9	Spread		10/5/2020	Spread		10/7/2020	Spread		10/9/2020	Spread
Dec-20	3.814		Dec-20	3.796		Dec-20	3.874		Dec-20	3.952	
Mar-21	3.906	0.092	Mar-21	3.894	0.098	Mar-21	3.962	0.088	Mar-21	4.02	0.068
May-21	3.962	0.148	May-21	3.946	0.15	May-21	4.01	0.136	May-21	4.06	0.108
Jul-21	4	0.186	Jul-21	3.982	0.186	Jul-21	4.042	0.168	Jul-21	4.086	0.134
	10/11/2020	Spread		10/19/2020	Spread		10/21/2020	Spread		10/26/2020	Spread
Dec-20	3.954		Dec-20	4.04		Dec-20	4.14		Dec-20	4.16	
Mar-21	4.026	0.072	Mar-21	4.092	0.052	Mar-21	4.164	0.024	Mar-21	4.172	0.012
May-21	4.064	0.11	May-21	4.11	0.07	May-21	4.18	0.04	May-21	4.182	0.022
Jul-21	4.094	0.14	Jul-21	4.106	0.066	Jul-21	4.174	0.034	Jul-21	4.176	0.016
	10/28/2020	Spread		10/30/2020	Spread		11/2/2020	Spread		11/9/2020	Spread
Dec-20	4.074		Dec-20	3.972		Dec-20	3.952		Dec-20	4.074	
Mar-21	4.086	0.012	Mar-21	4.022		Mar-21	4	0.048	Mar-21	4.152	0.078
May-21	4.096	0.022	May-21	4.046	0.074	May-21	4.024	0.072	May-21	4.19	0.116
Jul-21	4.102	0.028	Jul-21	4.054	0.082	Jul-21	4.036	0.084	Jul-21	4.212	0.138
	11/14/2020	Spread		11/20/2020	Spread		11/23/2020	Spread		11/25/2020	Spread
Dec-20	4.104		Dec-20	4.27		Dec-20	4.254		Dec-20	4.206	
Mar-21	4.194	0.09	Mar-21	4.326	0.056	Mar-21	4.324	0.07	Mar-21	4.282	0.076
May-21	4.24	0.136	May-21	4.352		May-21	4.354	0.1	May-21	4.314	0.108
Jul-21		0.158	Jul-21	4.36		Jul-21	4.354	0.1	Jul-21	4.33	0.124
	11/30/2020	Spread		12/3/2020	Spread		12/7/2020	Spread		12/9/2020	Spread
Dec-20	4.25		Dec-20	4.23		Dec-20	4.13		Dec-20	4.182	
Mar-21	4.33	0.08	Mar-21	4.27	0.04	Mar-21	4.164	0.034	Mar-21	4.212	0.03
May-21	4.356	0.106	May-21	4.292	0.062	May-21	4.19	0.06	May-21	4.242	0.06
Jul-21	4.354	0.104	Jul-21	4.3	0.07	Jul-21	4.192	0.062	Jul-21	4.252	0.07
	12/11/2020 9	Spread		12/14/2020	Spread			Spread			Spread
Dec-20	4.242		Dec-20	4.274		Dec-20			Dec-20		
Mar-21	4.234	-0.008	Mar-21	4.26	-0.014	Mar-21		0	Mar-21		0
May-21	4.264	0.022	May-21	4.284	0.01	May-21		0	May-21		0
Jul-21	4.282	0.04	Jul-21	4.302	0.028	Jul-21		0	Jul-21		0

2020 Base Line Prices for Wheat, Soybeans and Corn

Local price (forward contract) quoted at Barnesville, MN (Wheat & Soybeans) and Cargill (Wahpeton Corn Plant) for 2020 grain on the second Monday of each month. County Loan is the Minimum Price.

Month	Wheat	Basis	Soybeans	Basis	Corn	Basis
Jan 2020	5.37	-0.50	8.48	-1.06	3.68	-0.35
Feb	5.03	-0.60	8.12	-1.06	3.56	-0.35
Mar	4.78	-0.58	7.90	-0.98	3.35	-0.40
Apr	4.96	-0.59	7.89	-0.86	3.09	-0.40
May	4.72	-0.58	7.74	-0.86	2.93	-0.43
June	4.78	-0.53	8.00	-0.79	3.12	-0.35
July	4.72	-0.47	8.06	-0.68	3.07	-0.30
Aug	4.48	-0.45	8.02	-0.65	2.91	-0.30
Sept	4.76	-0.57	9.37	-0.65	3.44	-0.27
Oct	5.08	-0.37	9.91	-0.69	3.54	-0.25
Nov	5.25	-0.30	10.51	-0.59	3.83	-0.25
Dec	5.37	-0.35	11.07	-0.63	4.08	-0.25
Jan 2021						
Feb						
Mar						
Apr						
May						
Jun						
Average	4.94	-0.49	8.76	-0.79	3.38	-0.35

MARKETING NEWSLETTER COMPARISONS

Northland College–Josh Tjosaas and Ron Dvergsten, Instructors

12-22-2020	WHEAT	SOYBEANS	CORN	OTHER
	20: 75% sold for cash sellers and 95% sold for HTA, 20% FO	20: 80% Cash, 80% Hedgers/0% FO 21: None	20: 60% Cash, 80% Hedgers/ 10% FO	Cattle: No Sales
D D	21: 30% sold for cash sellers and		21: 10% Cash, 10% Hedgers/ 0% FO	Trend is steady.
Pro Farmer:	30% sold for HTA, 0% FO	Trend is up.	0%FO	
	Trend is up.		Trend is up.	
Money Farm:	20-50% Cash Sold	21-10% Sold	20: 35% Cash Sold	Luke Swenson writes this daily newsletter.
	21-15% Sold		21: No Sales	
	19-75% sold FF at \$5.52 Sept	20: 65% Sold 10.05 Avg Nov/Jan	19-85% sold at \$3.83 Futures	Randy Martinson writes this daily newsletter.
Martinson Ag:			20: 65% Sold Dec 20 \$3.70	
			21: 10% Sold Dec 21 \$3.85 22: 10% Sold Dec 22 \$3.92	
	Day 1 Mpls Wheat Sell Signal	Day 3 Soybean Sell Signal	Day 1 Corn Sell Signal	
Roach Ag:	Tuesday Dec 22 nd , 2020	Tuesday Dec 22 nd , 2020	Tuesday Dec 22 nd , 2020	
	Updated 4/24/2020	Updated 10/9/2020	Updated 10/16/2020	You can check out Ed Usset's website at
Usset, U of MN:	20: 5,000 bu at \$4.95	20: 100% sold at 9.62 Cash	20: 20,000 bu sold 3.17 Cash	http://www.cffm.umn.edu/GrainMarketing/Mark
,	21: None-First target \$6 Sept 21	21: None-First target \$9.75 Nov	21: None-First target \$4.25 Dec	tingPlans.aspx
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

"The information provided by Northland Farm Business Management is for informational and comparison purposes only. It is not intended to be considered marketing or trading advice for your individual operation. The risk of loss in trading futures and/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."

2021 GRAIN SALES SUMMARY

Preharvest Bushels to Left Average Futures Average Cash Acres Sales Sales to Date to Presell Percent Sold Price Price **Total Preharvest Sales** 63750 33750 4.10 \$ 3.60 \$ 108,000.00 Corn 500 30000 35% \$ Soybean 500 15375 12000 3375 59% 10.30 \$ 9.70 \$ 116,400.00 \$ Wheat 500 24375 10000 14375 \$ 5.95 \$ 5.75 \$ 57,500.00 31% Totals 1500 \$ 281,900.00 POST HARVEST SALES SUMMARY I otal Bushels to I otal Postharvest Projected **Bushels to Sell** Produce 39500 Sales BU/A SOLD BEP For Post Harvest BEY w Sales Acres 500 55000 85000 3.60 \$ 198,000.00 60.00 \$ 164.06 Corn 65% \$ 3.41 24.00 \$ 8.21 Soybean 500 8500 20500 41% \$ 9.50 \$ 80,750.00 38.70 Wheat 500 22500 32500 5.50 \$ 123,750.00 20.00 \$ 5.99 68.99 69% \$ **Other Crop** 0.000001 #DIV/0! #DIV/0! 100% \$ -Tons Tons Produced ugarbeets 28.00 28 42 1176 41.07 27.381886 1 100% \$ Totals 1501 403,676.00 \$ ROI 2% Project Corn Expense 295,305.28 Net Farm Income Ratio 2% \$ 186,222.84 Project Soybean Expense \$ Projected Wheat Expense \$ 192,222.84 2020 Sales Net Return Projected Sugarbeet Expenses \$ 1,150.04 \$ 685.576.00 \$ 10,675.00 Projected Misc. Crop Expense \$ 0.00 Return/Acre \$ 7.11 Total Project Farm Expense 674,901.00

Name:	2020 Marketing Group Summary
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11.52

12.74

13.96

\$

\$

\$

	WHEAT Acre				<u>YBEANS</u> Acre				CORN Acre				Sugar Beets Acre			<u>c</u>	<u>Acre</u>		
Acres	500				500				500				1				0.000001		
Wok Units	15000			1	15000				27500				120				0.00004		
Yield Per Acre	65.00		32,500.00	4	1.00		20,500.00		170.00		85,000.00		28.00		28.00				0.00
Price Received per Bushel	\$ 5.90			\$	9.25			\$	3.50			\$	42.00						
Total Product Return per Aci	\$ 383.50		191,750.00	\$	379.25		189,625.00	\$	595.00	\$	297,500.00	\$	1,176.00		1,176.00	\$	-	\$	
Miscellaneous Payments		\$	-			\$				\$				\$	-			\$	
Gross Return per Acre ECT EXPENSES	<mark>\$ 383.50</mark>	\$	191,750.00	\$	379.25	\$	189,625.00	\$	595.00	\$	297,500.00	\$	1,176.00	\$	1,176.00	\$	-	\$	
Seed	\$ 20.00	\$	10,000.00	\$	60.00	\$	30,000.00	\$	85.00	\$	42,500.00	\$	225.00	\$	225.00			\$	
Fertilizer	\$ 73.00	\$	36,500.00	\$	12.00	\$	6,000.00	\$	88.00	\$	44,000.00	\$	84.00	\$	84.00			\$	
Crop Chemicals	\$ 25.00		12,500.00	\$		\$	14,000.00	\$	27.00	\$	13,500.00	\$	118.00		118.00			\$	
Crop Insurance	\$ 12.00	\$	6,000.00	\$	18.00	\$	9,000.00	\$	21.00	\$	10,500.00	\$	30.00	\$	30.00			\$	
Fuel and Oil	\$ 14.58	\$	7,289.14	\$	14.58	\$	7,289.14	\$	26.73	\$	13,363.42	\$	58.31	\$	58.31			\$	
Repairs	\$ 27.33	\$	13,667.13	\$	27.33	\$	13,667.13	\$	50.11	\$	25,056.40	\$	109.34	\$	109.34			\$	
Custom Hire/Lease		\$	-			\$	-			\$	-	\$	60.00	\$	60.00			\$	
Stock Quota Joint Venture		\$	-			\$				\$				\$	-			\$	
Land Rent/Costs	\$ 128.25	\$	64,123.92	\$	128.25	\$	64,123.92	\$	128.25	\$	64,123.92	\$	128.25	\$	128.25	\$	128.25	\$	
Drying		\$	-			\$	-	\$	10.00	\$	5,000.00			\$	-			\$	
Operating Interest		\$	-			\$	-	\$	-	\$	-			\$	-			\$	
Miscellaneous		\$	-			\$	-			\$	-			\$	-			\$	
AL DIRECT EXPENSE	\$ 300.16	\$	150,080.18	\$	288.16	\$	144,080.18	\$	436.09	\$	218,043.74	\$	812.90	\$	812.90	\$	128.25	\$	
ERHEAD EXPENSES	\$ 84.29	6	42.142.66	¢	84.29	\$	42.142.66	¢	154.52	¢	77,261.54	¢	337.14	¢	337.14	¢	112.38		
TAL OVERHEAD EXPENSE			42,142.66		84.29 84.29		42,142.66		154.52		77,261.54		337.14		337.14		112.38	ŝ	
-						÷		•				•						•	
TAL EXPENSES/ACRE	\$ 384.45	\$	192,222.84	\$	372.45	\$	186,222.84	\$	590.61	\$	295,305.28	\$	1,150.04	\$	1,150.04	\$	240.63	\$	(
	\$ (0.95 \$ 83.34			\$ \$	6.80 91.09			\$ \$	4.39 158.91			\$ \$	25.96 363.10			\$ \$	(240.63) (128.25)		
	\$ 383.50			\$	379.25			\$	595.00			\$	1.176.00			\$	(120.23)		
	\$ 384.45			э \$	379.25			\$ \$	590.61			ې \$	1,170.00			\$	240.63		
Profit Per Acre	\$ (0.95			\$	6.80			\$	4.39			\$	25.96			\$	(240.63)		
Profit Margin	-0.25%	,		Ť	1.83%			÷	0.74%			Ť	2.26%			Ŧ	-100.00%		
BEP Net Return \$50/A	<mark>\$5.91</mark> \$6.68			<mark>\$</mark> \$	<mark>9.08</mark> 10.30			<mark>\$</mark> \$	3.47 3.77			<mark>\$</mark> \$	41.07 42.86				#DIV/0! #DIV/0!		

2019 PROJECTED FARM CASH FLOW BY CROP/BEP

\$ \$ 8.99 Net Return \$200/A Developed by Randy Zimmerman, NCTC Ulen-Mahnomen

7.45

8.22

Modified by Josh Tjosaas, NCTC Moorhead

\$

Net Return \$100/A

Net Return \$150/A

\$

\$ \$

4.06

4.36

4.65

44.64

46.43

48.22

\$

\$ \$

#DIV/0!

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2021 Pre-Harvest Marketing Plan for Corn *Based on the structure of Ed Usset's-UMN/CFFM Marketing Specialist Pre-Harvest Marketing Plans

Expected 2021 Prod	uction:	85000	bushels		acres @		bushels per a	cre
Objective: Buy crop i	insurance to prote	ct my production risk,	and have	Bushels to Pre-I	75%	63750 of my anticipate Typical Fall Cor		by mid-June -0.5 Additional bump in pric 0.2
20% Price	127	50 bushels at	3.47	cash price				htract/futures/hedge/futures fixed
13% Price	828	7.5 bushels at	3.67	cash price	4.17	Futures or by	23-Mar	pricing tool to-be-determined ("tbd")
20% Price	127	50 bushels at	3.87	cash price	4.37	Futures or by A	21-Apr	pricing tool to-be-determined ("tbd")
13% Price	828	7.5 bushels at	4.07	cash price	4.57	Futures or by M	19-May	pricing tool to-be-determined ("tbd")
20% Price	127	50 bushels at	4.27	l i	4.77	Futures or by Ju	. 6-Jun	pricing tool to-be-determined ("tbd")
14% Price 100%	89	25 bushels at	4.47	cash price	4.97	Futures or by Ju	. 20-Jun	pricing tool to-be-determined ("tbd")
Plan starts on Ignore decision dates			nan		3.47	local cash price		3.97 December futures
Exit all options positions Bushels marketing m			ntracts					
Highlighted areas ca	<mark>n be m</mark> odified				*Plan is started at	your breakeven	but numbers of	an be adjusted
		APH or Expe Acre		170.00 500				
	Crop Ins. Co	erage Level or % to Pre-		75%				
	•	Coverage L		127.5				
		Total		85,000.00				
Corn Sales		Bu to Pr My Brea		63,750.00 \$ 3.47				
CUIT Sales			K Even	φ 3.47				
			Delivery Year**	Delivery Location &				
Date Sold Future	e Price Bushels 4.00 15,0	Total	Dec-21	Time Ulen	Projected Basis (\$0.50)	Cash Price \$ 3.50	Cash Income \$ 52,500.00	
12/21/2020 \$	4.00 15,0		Dec-21 Dec-21	Ulen	(\$0.50)	\$ 3.50 \$ 3.70	\$ 55,500.00 \$ 55,500.00	15000
\$	4.40	\$ -				\$ 4.40	\$-	15000
\$	4.60	\$- \$-				\$ 4.60	\$ -	15000
						\$ - \$ -	\$- \$-	
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		\$- \$-				\$- \$-	\$- \$-	
		- š -				\$ -	\$-	
		-				\$ -	\$ -	
Pre-Sales Avg	4.10 30,0	\$- 00 \$ 123,000.00		Pre-Cas	h Sale Ave.	\$	\$ \$ 108,000.00	
В	ushels Left to Pre-S	ell	33,750	_				
Bushel / Acre Sold			60	35%]			
Post Harvest Sales			55,000	\$ -				
			FUTURES			CASH		
Final Average		\$ 1.45	85,000	\$ 123,000.00	\$ 1.27	85,000.00	\$ 108,000.00	

2021 Pre-Harvest Marketing Plan for Soybeans *Based on the structure of Ed Usset's-UMN/CFFM Marketing Specialist Pre-Harvest Marketing Plans

Expected 2021 Production:		20500	bushels		acres @		bushels per a	cre	
Objective: Buy crop insurance	to protect m	av production	risk and have	Bushels to Pre-H		15375 of my anticipated	d crop priced l	hy mid-lune	
Objective. Duy crop insurance	to protect ii	ny production	nok, and nave		1070	Typical Fall Soyl	bean Basis	-0.65 Additional bump in pric	0.4
25% Price	3843.75	bushels at	9.08	cash price				ntract/futures/hedge/futures fixed	
25% Price	3843.75	bushels at	9.48	cash price	10.13	Futures or by Ar	21-Apr	pricing tool to-be-determined ("tbd")	
25% Price	3843.75	bushels at	9.88	cash price	10.53	Futures or by M	19-May	pricing tool to-be-determined ("tbd")	
25% Price 100%	3843.75	bushels at	10.28	cash price	10.93	Futures or by Ju	20-Jun	pricing tool to-be-determined ("tbd")	
	d-Septembe	er, 2021			9.08	local cash price		9.73 December futures	
Highlighted areas can be modi					at your breakeven	but numbers can	be adjusted		
			pected Yield	41.00					
Crea I			cres	500					
Crop II	ns. Coverage	Level or % to Pr	Level Yield	75% 30.75					
	-		al Bu	20,500.00					
	_		Pre-Sell	15,375.00					
Soybean Sales		My Bre	ak Even	\$ 9.08					
	L				L				
		_	Delivery Year**	Delivery Location &		0.1.0.			
Date Sold Future Price 11/5/2020 \$ 10.00	Bushels 5,000	Total \$ 50,000.00	Nov-21	Time Ulen	Projected Basis (\$0.60)	Cash Price \$ 9.40	Cash Income \$ 47,000.00		
11/13/2020 \$ 10.00		\$ 52,000.00 \$ 52,000.00	Nov-21	Ulen	(\$0.60)		\$ 49,000.00		
12/18/2020 \$ 10.80		\$ 21,600.00	Nov-21	Ulen	(\$0.60)		\$ 20,400.00		
\$ 11.40		\$ -				\$ 11.40	\$ -	2000	
\$ 12.00		\$ -				\$ 12.00	\$-	1375	
		\$- \$-	-			\$- \$-	\$- \$-		
		\$-	-			\$ -	\$-		
		\$ -				\$ -	\$ -		
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		\$ -				\$-	\$-		
		\$ -				\$ -	\$-		
		\$ - \$ -				\$- \$-	\$- \$-		
Pre-Sales Avg 10.30	12,000	\$ 123,600.00		Pre-Cas	h Sale Ave.		\$ 116,400.00		
Bushels Left to	o Pre-Sell		3,375						
Bushel / Acre Sold			24	59%					
Post Harvest Sales			8,500	\$-					
Post Harvest Sales] 1		8,500 FUTURES	\$-		CASH			

	the stru	cture of		MN/CFFM Mar			acres @		bushels per a	acre
Objective: E	Buy crop	p insura	nce to protect	my production	risk, and have	Bushels to Pre-H	75%	23625 of my anticipated Typical Fall Corr		by mid-June -0.3 Additional bump in pric 0.3
20	<mark>%</mark> Price	e	4725	bushels at	5.91	cash price		21		ntract/futures/hedge/futures fixed
20	<mark>%</mark> Price	e	4725	bushels at	6.11	cash price	6.41	Futures or by	23-Mar	pricing tool to-be-determined ("tbd")
20	<mark>%</mark> Price	e	4725	bushels at	6.31	cash price	6.61	Futures or by Ar	21-Apr	pricing tool to-be-determined ("tbd")
20	<mark>%</mark> Price	e	4725	bushels at	6.51	cash price	6.81	Futures or by M	19-May	pricing tool to-be-determined ("tbd")
<mark>20</mark> 100	<mark>%</mark> Prico	e	4725	bushels at	6.71	cash price	7.01	Futures or by Ju	20-Jun	pricing tool to-be-determined ("tbd")
	sion dat	tes and	Oct 1 2020 make no sale i / mid-Septemb		wer than		5.91	local cash price		6.21 December futures
Bushels ma	arketing	may ha	ve to be adjust		s contracts					
Highlighted	areas o	<mark>can be n</mark>	nodified				at your breakeven t	out numbers can	be adjusted	.
					pected Yield cres	65.00 500				
		Cr	op Ins. Coverage			75%				
					Level Yield	48.75				
					al Bu Pre-Sell	32,500.00 24,375.00				
					Pie-Sell					
I \\/L										
W	HEAT				ak Even	\$ 5.91				
Date Sold	Futu	ure Price	Bushels	My Bre	eak Even Delivery Year**	\$ 5.91 Delivery Location & Time	Projected Basis	Cash Price	Cash Income	
Date Sold 10/15/20	Futu 20 \$	5.90	5,000	My Bre Total \$ 29,500.00	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60	\$ 28,000.00	Basis Locked 12/11/2020
Date Sold	Futu 20 \$	5.90 6.00		My Bre	eak Even Delivery Year**	\$ 5.91 Delivery Location & Time		\$ 5.60 \$ 5.90	\$ 28,000.00 \$ 29,500.00	
Date Sold 10/15/20	Futu 20 \$ 20 \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 \$ 5.90 \$ 6.20 \$ 6.40	\$ 28,000.00 \$ 29,500.00 \$ - \$ -	Basis Locked 12/11/2020 5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$	5.90 6.00 6.20	5,000	Total \$ 29,500.00 30,000.00 \$ - \$ > > > \$ > \$ > > \$ \$ > \$ \$ > \$ > \$ > \$ > \$ > \$ > \$ > \$ \$ >	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 \$ 5.90 \$ 6.20 \$ 6.40 \$ 6.60	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ -	5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00 \$ - \$ - \$ - \$ - \$ - \$ - - \$ -	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 \$ 5.90 \$ 6.20 \$ 6.40 \$ 6.60 \$ -	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00 \$ - \$ > > > \$ > \$ > > \$ \$ > \$ \$ > \$ > \$ > \$ > \$ > \$ > \$ > \$ \$ >	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 5.90 6.20 6.40 6.60 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00 \$ - \$ > > \$ > \$ \$ \$ > \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 5.90 5.620 6.60 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00 \$ - \$ \$ - \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 \$ 30,000.00 \$ - \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 5.90 5.620 5.640 5.640 5.6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00 \$ - \$ \$ - \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00 - \$ - - - - \$ - - - - - \$ - -	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
Date Sold 10/15/20	Futu 20 \$ 20 \$ \$ \$	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 \$ 30,000.00 \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen	(\$0.30)	\$ 5.60 5.590 5.620 5 6.40 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000
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Date Sold 10/15/20 10/21/20	Futt 20 \$ 20 \$ \$ \$ 	5.90 6.00 6.20 6.40 6.60	5,000 5,000	Total \$ 29,500.00 30,000.00 - \$ - - <td>eak Even Delivery Year** Sep-21</td> <td>\$ 5.91 Delivery Location & Time Ulen Ulen</td> <td>(\$0.30) (\$0.10)</td> <td>\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5</td> <td>\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td> <td>5000 5000 5000</td>	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen Ulen	(\$0.30) (\$0.10)	\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000 5000
Date Sold 10/15/20	Futt 20 \$ 20 \$ \$ \$ 	5.90 6.00 6.20 6.40	5,000	Total \$ 29,500.00 30,000.00 -	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen Ulen	(\$0.30)	\$ 5.60 5.90 5.620 5 6.40 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000 5000
Date Sold 10/15/20 10/21/20	Futt 20 \$ 20 \$ \$ \$ \$ 	5.90 6.00 6.20 6.40 6.60	5,000 5,000	Total \$ 29,500.00 30,000.00 - \$ - - <td>eak Even Delivery Year** Sep-21</td> <td>\$ 5.91 Delivery Location & Time Ulen Ulen</td> <td>(\$0.30) (\$0.10)</td> <td>\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5</td> <td>\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td> <td>5000 5000 5000</td>	eak Even Delivery Year** Sep-21	\$ 5.91 Delivery Location & Time Ulen Ulen	(\$0.30) (\$0.10)	\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000 5000
Date Sold 10/15/20 10/21/20	Futt 20 \$ 20 \$ \$ \$ 	5.90 6.00 6.20 6.40 6.60	5,000 5,000	Total \$ 29,500.00 30,000.00 - \$ - - <td>Delivery Year** Sep-21 Dec-21</td> <td>\$ 5.91 Delivery Location & Time Ulen Ulen</td> <td>(\$0.30) (\$0.10)</td> <td>\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5</td> <td>\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -</td> <td>5000 5000 5000</td>	Delivery Year** Sep-21 Dec-21	\$ 5.91 Delivery Location & Time Ulen Ulen	(\$0.30) (\$0.10)	\$ 5.60 5.90 5.620 5 6.20 5 6.60 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$ 28,000.00 \$ 29,500.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	5000 5000 5000
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2021 Pre-Harvest Marketing Plan for Spring Wheat

DAILY COMMENTARY

When is enough, enough? We have been bouncing around this question in the office for a while. For 2020, we sold out of cash soybeans when futures were around \$1.60 below where they are now (and thankfully bought calls). We still own the majority of corn and wheat. However, we are now going into a season of crazy volatility without much reason to expect otherwise.

The market seemed to digest the 'new strain' of Covid in a pretty quick fashion. The US hasn't responded but many European countries are starting to clamp down on the UK. With the virus already found in over a dozen countries, trying to 'restrict' spreading is already a 'too late' story. One contact of ours that has spoken with higher up health officials says that the vaccine will almost certainly cover these mutations. If that is true the market adjustment will likely be over quickly. The concern for virus mutations has the potential to be a large black swan in the new year. If something were to derail the fundamentals, it would likely be a headline around these concerns.

To turn fundamentals bearish, we would need to see movement really locked down on a vehicular level for 2021. Protein demand is super strong, crush is strong, etc. Ethanol is the most susceptible to a demand issue going forward. We don't anticipate it at the moment but given the current market structure it seems the most potentially bearish factor for next year.

CORN COMMENTARY

Futures today traded both sides as it felt like early traders were pressing to see if they could find sell stops below the market. When the outside markets held strong late in the session, grains recovered and were able to leg higher.

Futures found new highs again today with March futures finishing at \$4.43 ½.

We reminded customers today to take off the January corn calls that we bought a few weeks ago on a spec trade. Option orders were filled for many, but we wanted to remind everyone to make sure you are repositioned before January options expire this Thursday afternoon.

We are actively contemplating 'when' to fire off our first 2021 sale. We are moving mental stops up internally and looking at pricing out protection through the crop insurance season. \$4.25 in December 2021 futures is a big mark and we will likely be starting with sales there (either with an HTA or options). That gives many the opportunity to roll to Summer 2022 and realize close to \$4.25 cash.

SOYBEAN COMMENTARY

South American weather continues to be the leader. With significant rains forecast across much of the soy producing regions of Brazil, markets are

playing down the Brazilian risk at the moment. However, the sustained shortfalls in Argentina for moisture are getting analysts to really talk about reductions in a quick fashion.

Supporting the markets from the demand side; a higher up at COFCO (China's state owned processing giant) was quoted saying China may import over 100 MMTs of soybeans this year. That would be a 5% increase over any other prior year. The combination of the SA weather issues, strong demand and a weaker dollar continue to make the market bullish over our remaining ending stocks.

Futures today followed a two sided range and again finished strong. With a range that was 15 cents wide; January futures finished near highs at \$12.47.

Cash 2021 harvest delivery is now over \$10.00 almost everywhere. However, this isn't garnering much for physical sales yet. Still, a pullback could cause a little waterfall of selling. We currently have stops under this market and hope to keep moving them up before announcing another round of sales for 2021.

WHEAT COMMENTARY

Like corn and soybeans, wheat markets also had a two-sided trading day as it continues to be a follower. Wheat markets continue to be stuck in a trading range since October as little fresh fundamental news is exciting the market. Large world wheat supplies and concerns of COVD affecting further demand will likely limit rallies into the new year. Still, it is worth watching US and Russian weather along with Russian production and exports. Remember, their February 15th implemented export tax already has Russian wheat prices above its major competitors.

March Chicago wheat settled up 5 cents at \$6.17; March KC closed up 4 cents at \$5.79; and March Minneapolis finished up a penny at \$5.71.

