

Examining 2018 Grain Sales Strategies

Leonardville & Randolph, Kansas – January 8, 2018

DANIEL O'BRIEN EXTENSION AGRICULTURAL ECONOMIST

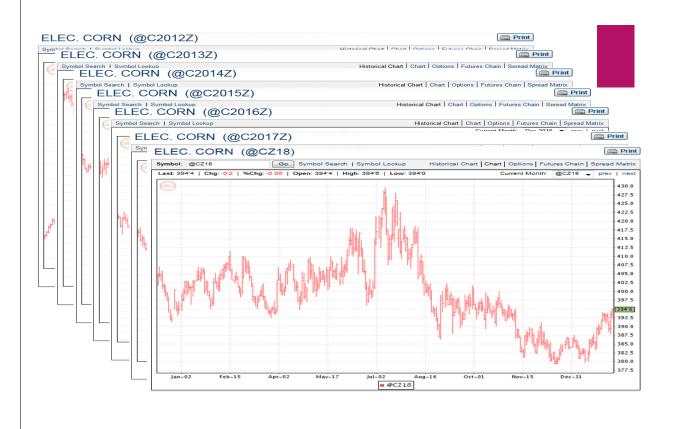
KANSAS STATE

Department of Agricultural Economics









ELEC. CORN (Jul 2018) [10 Minute Delay]

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Last	Change	%Chg	Open	High	Low	Previous	Volume	Exchange	Trade Time
380'2	0'0	0	379'6	380'4	379'4	380'2	120619	CBOT	02/07/18 20:40
Symbol: 🕻	DCN18	Symbo	I Search Sy	/mbol Lookup	Stri	e Range: Near-f	the-Money 👻		Chart Options Futures Chain
Mar	2018 May 2	018 Jul 2	018 Sep 2	018 Dec 20)18 Mar	2019 May 201	9 Jul 2019	Dec 2019 Jul 2020	Jul 2018 🚽

Jul 2018 Options

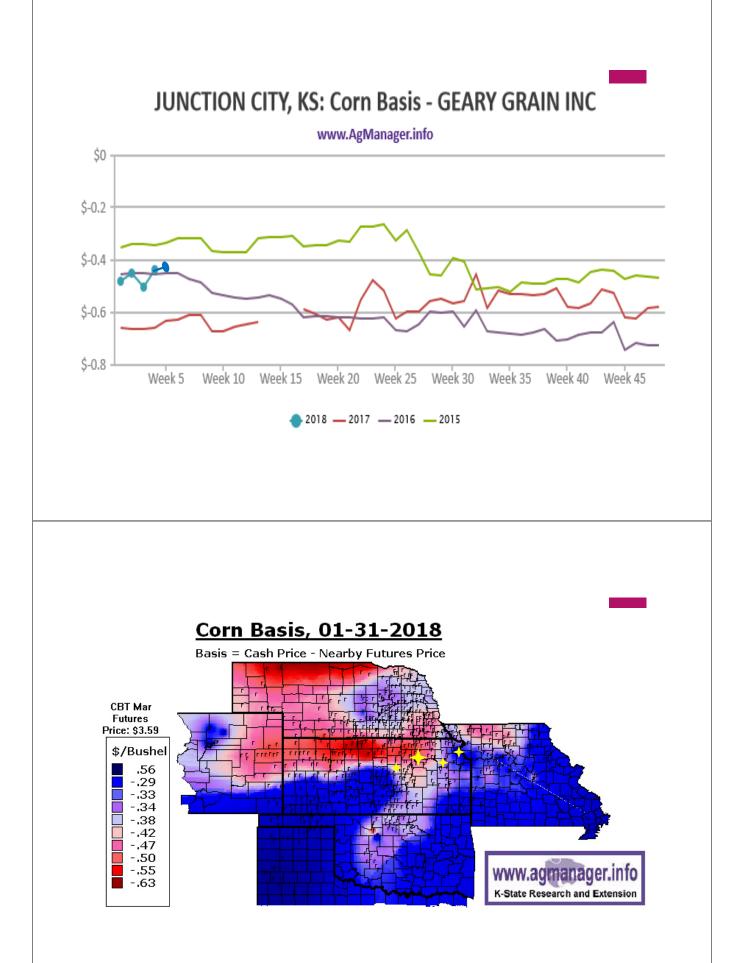
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			(Calls				Puts										
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	@CN18C3400	41'5s	1'5				0	115	3400		@CN18P3400	1'4	0'0	1'4	1'4	1'4	15	5530
	@CN18C3500	33'1s	1'4				0	671	3500		@CN18P3500	3'0	0'0	3'0	3'0	3'0	501	11600
	@CN18C3600	26'0s	1'2	24'6	25'4	24'0	37	5924	3600		@CN18P3600	5'7s	-0'2	6'1	6'1	5'6	4215	15660
	@CN18C3700	20'4s	1'0	19'6	20'0	19'0	472	17373	3700		@CN18P3700	10'0	-0'2	10'0	10'0	10'0	4626	9586
	@CN18C3800	16'2s	0'7	15'2	16'2	15'0	891	24837	3800		@CN18P3800	15'6	-0'2	15'6	15'6	15'6	608	9586
2	@CN18C3900	12'6s	0'6	12'1	12'5	11'7	717	8578	3900		@CN18P3900	22'4s	-0'6	23'0	23'0	22'2	208	3235
2	@CN18C4000	10'2	0'2	10'0	10'2	10'0	1115	18055	4000		@CN18P4000	29'6s	-0'7	30'1	30'1	30'1	2	2715
2	@CN18C4100	8'0s	0'4	7'3	8'0	7'2	226	7851	4100		@CN18P4100	37'5s	-1'0				0	1686
2	@CN18C4200	6'6	0'3	6'6	6'6	6'6	501	8933	4200		@CN18P4200	46'0s	-1'1				0	849
2	@CN18C4300	5'1s	0'2	4'7	5'0	4'6	164	7538	4300		@CN18P4300	54'5s	-1'2				0	238
								In the mo		tthe	money							

In the money At the money

	ast Chang 94'4 -0'2		%Chg		Open 394'4		High 94'6	Low 394'0		ious 4'6	Volume 41966		chang				ade Time 7/18 20:4	16
3	944 -02		-0.06		394.4	3	940	3940	39	40	41900		СВОТ			02/0	//18/20.4	10
Sym	nbol: @CZ18	Go	Syn	nbol Sea	arch S	Symbol	Lookup	Strike	Range:	Near	-the-Money 👻				Cha	rt Opt	ions Fut	ures Chai
	Mar 2018 N	lay 2018	Ju	12018	Sep	2018	Dec 201	18 Mar 2	019 M	ay 20	19 Jul 2019	Dec 201	19 .	Jul 2020	De	c 2018		-
								Dec 2	2018 Op	tions	1							
Days	Until Expiration: 2	289												_				
			0	Calls										Puts				
	Symbol	Price	Chg	Open	High	Low	Volume	Open Int	Strike		Symbol	Price	Chg	Open	High	Low	Volume	Open In
2	@CZ18C3400	57'4s	1'3				0	5	3400	2	@CZ18P3400	3'2s	0'2	3'2	3'3	3'1	93	617
2	@CZ18C3500	49'5s	1'4	48'0	48'4	47'6	17	863	3500	2	@CZ18P3500	5'2s	0'2	5'0	5'3	5'0	79	1409
	@CZ18C3600	42'5s	1'3				0	413	3600	2	@CZ18P3600	8'2s	0'2	8'0	8'2	7'7	190	1579
2	@CZ18C3700	36'5s	1'2	35'6	35'6	35'6	2	1611	3700	2	@CZ18P3700	12'2	0'1	12'2	12'2	12'2	58	1092
2	@CZ18C3800	31'4s	1'1	30'6	31'0	30'6	130	3058	3800	2	@CZ18P3800	17'0	0'1	17'0	17'0	17'0	146	826
	@CZ18C3900	27'1s	1'1	26'3	26'3	26'3	82	8381	3900		@CZ18P3900	22'3s	-0'1	22'4	22'7	22'1	180	966
2	@CZ18C4000	23'0	-0'3	23'0	23'0	23'0	2766	17407	4000		@CZ18P4000	28'4s	-0'1	28'6	28'7	28'4	70	584
2	@CZ18C4100	20'1s	1'0	19'2	20'1	18'7	247	5982	4100		@CZ18P4100	35'2s	-0'2				4	354
2	@CZ18C4200	17'2	-0'1	17'2	17'2	17'2	294	15228	4200		@CZ18P4200	42'3s	-0'3				0	97
2	@CZ18C4300	15'0	0'0	15'0	15'0	15'0	148	10507	4300		@CZ18P4300	49'7s	-0'4				0	162
2	@CZ18C4400	13'0s	0'5	12'3	13'0	12'1	194	7471	4400		@CZ18P4400	57'7s	-0'4				0	

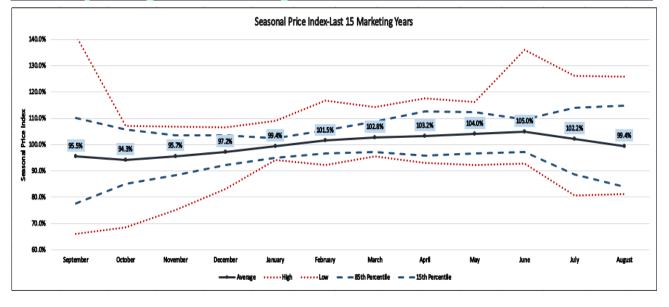




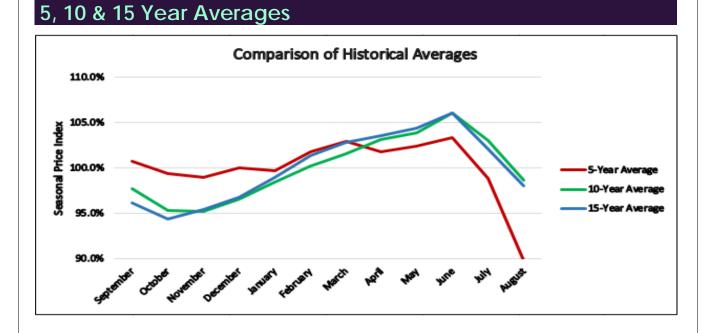


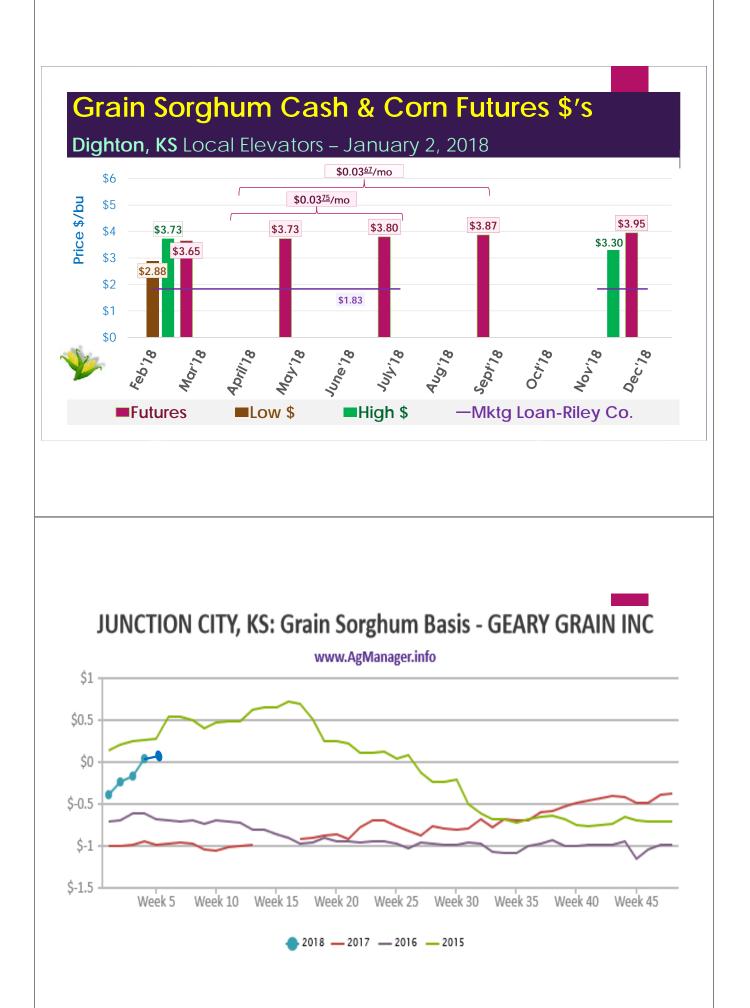
Kansas Corn Seasonal Cash \$ Index

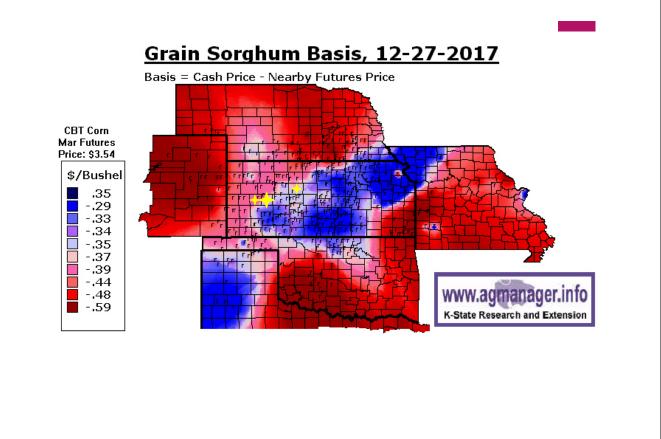
Monthly: Long Term Average



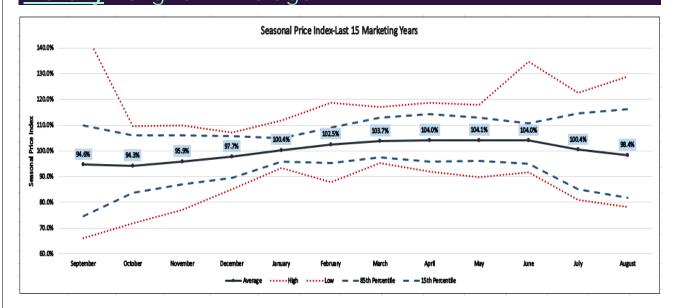
Kansas Corn Cash Prices





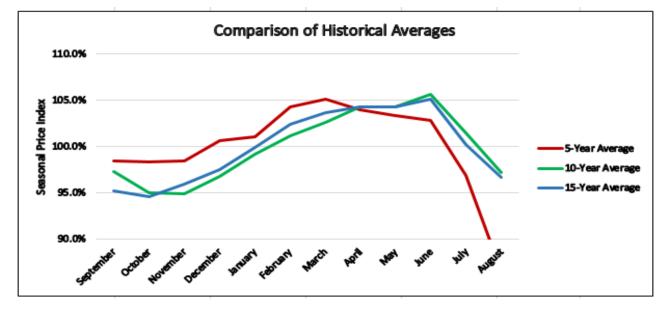


Kansas Sorghum Seasonal Cash \$ Index Monthly: Long Term Average



Kansas Grain Sorghum Cash Prices

5, 10 & 15 Year Averages



What "Old Crop" Corn & Sorghum Marketing Strategies are Likely to Work Best in 2018?

► For "Old Crop" 2017 Feedgrains

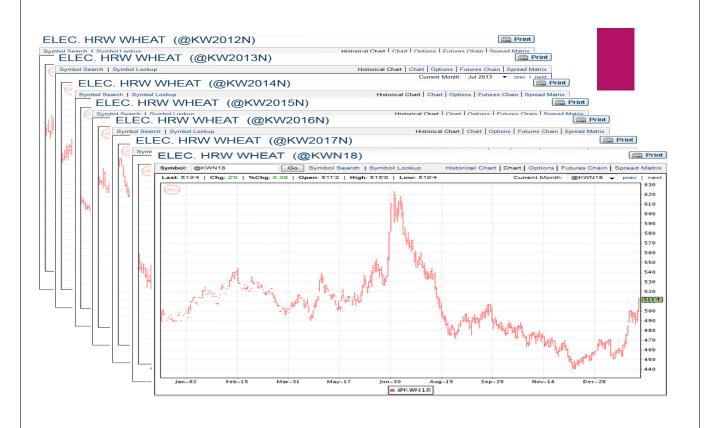
- On-Farm Storage ⇒ Yes, <u>but</u> not until spring-summer 2018
- Off-Farm Storage ⇒ Maybe, <u>but</u> will need larger 2018 rallies
- Storage Hedge / Fwd Contract
 ⇒ <u>Maybe</u>
 ⇒ futures have "carry"!
- Buy Puts or Marketing Loan ⇒ <u>No Mktg Loans</u> (Watch ↓ put costs)
- Sell Cash & Buy Call Options ⇒ <u>Watch narrower Basis</u> (*Yes* post sales*)

What "<u>New Crop</u>" Corn & Sorghum Marketing Strategies are Likely to Work Best in 2018?

- ► For "New Crop" 2018 Feedgrains
 - Futures Hedge (HTA) ⇒ Yes, <u>but</u> not until spring-summer 2017
 - Forward Contract ⇒ Maybe, <u>but</u> watch for better basis bids
 - Buy Puts
 A Maybe @ spring/summer rallies
 - Marketing Loans ⇒ Be aware of Mktg Loan\$ vs Net Put\$
 - Fwrd Contract + Buy Calls ⇒ No if wide Basis (+ rally protection)

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ELEC. HRW WHEAT (Jul 2018) [10 Minute Delay]

Refresh 2

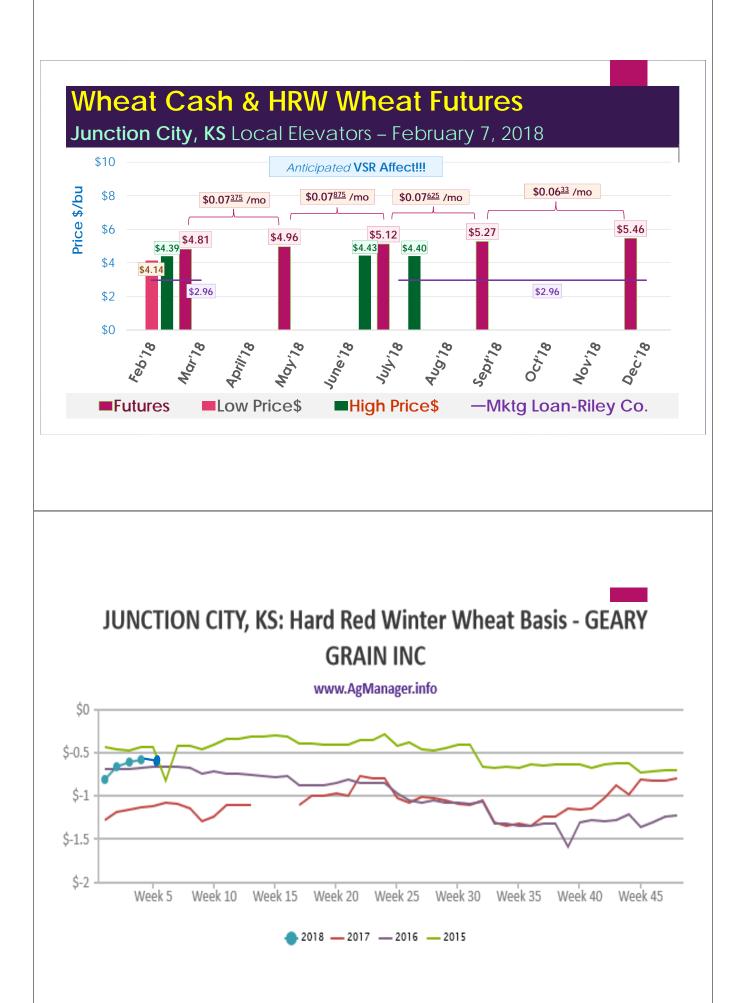
			N				2.1		
Last	Change	%Chg	Open	High	Low	Previous	Volume	Exchange	Trade Time
513'0	1'4	0.29	511'2	515'0	510'4	511'4	24154	KCBT	02/07/18 21:18
Symbol:	@KWN18 G	Symbol	Search S	Symbol Loo	kup Stril	ke Range: Near	-the-Money 💂		Chart Options Futures Chain
	1	/lar 2018	May 2018	3 Jul 201	8 Sep 2	2018 Dec 201	8 Mar 2019	Jul 2018	•

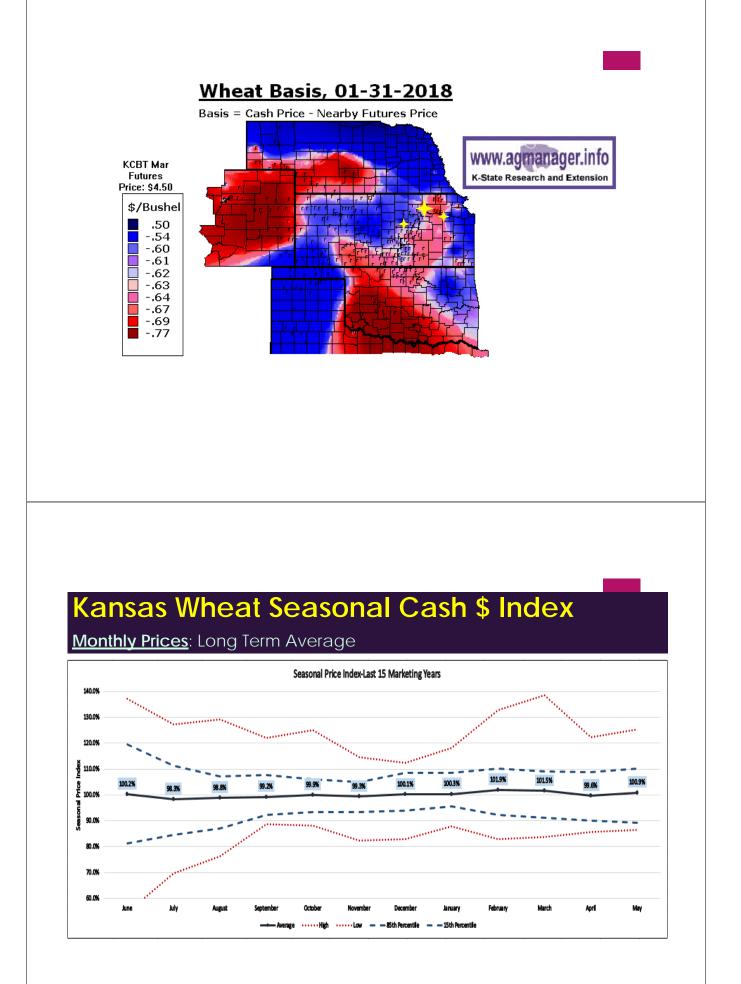
- Ind	2012	Options	

Day	s Until Expiration:	135																
			C	alls									F	outs				
	Symbol	Price	Chg	Open	High	Low	Volume	Open Int	Strike		Symbol	Price	Chg	Open	High	Low	Volume	Open Int
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	@KWN18C4700	51'7s	10'2				20	276	4700		@KWN18P4700	10'0	-0'4	10'0	10'0	10'0	875	1086
	@KWN18C4800	46'0	0'2	46'0	46'0	46'0	143	524	4800		@KWN18P4800	14'3s	-2'2	16'0	16'0	14'0	66	214
	@KWN18C4900	40'2s	9'0	36'2	37'0	36'2	2	47	4900	2	@KWN18P4900	18'7s	-3'0	19'2	19'2	18'2	4	266
	@KWN18C5000	35'3s	8'2	30'0	34'0	30'0	30	3619	5000	2	@KWN18P5000	24'0s	-3'5	25'0	25'0	23'7	83	307
	@KWN18C5100	31'1s	7'5	26'6	26'6	26'6	11	358	5100		@KWN18P5100	30'0	0'3	30'0	30'0	30'0	86	95
	@KWN18C5200	27'2s	6'7	23'0	27'5	23'0	38	607	5200		@KWN18P5200	35'6s	-5'0				0	131
	@KWN18C5300	23'7s	6'2	20'0	20'0	20'0	12	298	5300		@KWN18P5300	42'3s	-5'5				0	78
	@KWN18C5400	20'7s	5'5	17'0	17'2	17'0	31	373	5400	ø	@KWN18P5400	49'2s	-6'2				0	42
	@KWN18C5500	19'0	0'6	19'0	19'0	19'0	20	651	5500		@KWN18P5500	56'5s	-6'6				2	27
	@KWN18C5600	16'0s	4'6	14'1	16'2	14'0	3	420	5600	Z	@KWN18P5600	64'2s	-7'2				0	44

In the money At the money

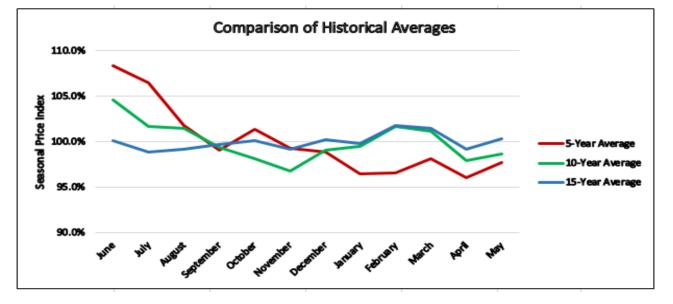
Quotes generated on: Wed, Feb 7, 2018 9:30 PM CST





Kansas Wheat Cash Prices

5, 10 & 15 Year Averages



What "Old Crop" Wheat Marketing Strategies are Likely to Work Best in 2018?

For "Old Crop" 2017 Wheat

- **On-Farm Storage** ⇒ By <u>now</u> are waiting for Spring 2018 rally
- Off-Farm Storage ⇒ Ditto on-farm, <u>but</u> need <u>larger</u> 2018 rallies
- Storage Hedge / Fwd Contract ⇒ Hedge w. open basis (HTA)
- Buy Puts or Marketing Loan ⇒ ? Mktg Loans** (only buy put <u>if</u> LDP)
- Sell Cash & Buy Call Options ⇒ <u>↓</u> wide Basis (but do <u>if</u> after sales)

What "<u>New Crop</u>" Wheat Marketing Strategies are Likely to Work Best in 2018?

▶ For "New Crop" 2018 Wheat

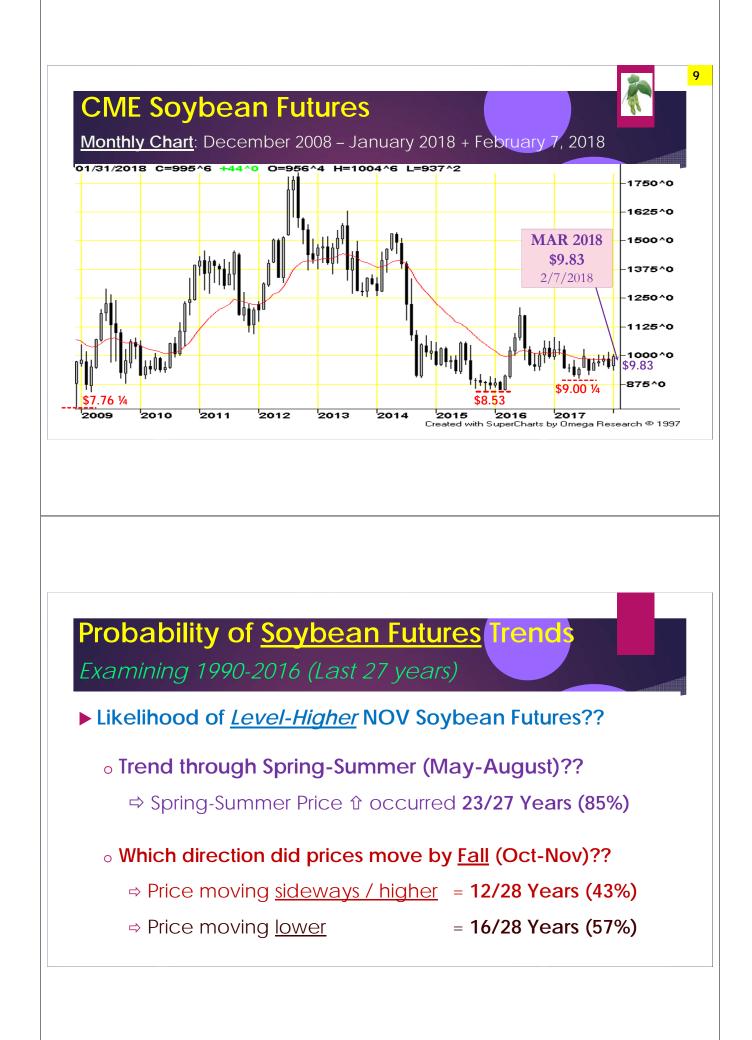
- Futures Hedge ⇒ Yes, <u>but</u> not till Spring 2018 (watch basis risk***)
- Forward Contract ⇒ Maybe, <u>but</u> watch for wide basis bids
- Buy Puts
 ⇒ Maybe @ Spring 2018 rallies
- Marketing Loan ⇒ A <u>2nd or 3rd best</u> cash strategy (end dates?)
- Forward Contract + Buy Calls ⇒ <u>↓</u> wide Basis (+ rally protection)

Soybean Markets

Department of Agricultural Economics









ELEC. SOYBEANS (Jul 2018) [10 Minute Delay]

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			`	/ •						
Last	Change	%Chg	Open	High	Low	Previous	Volume	Exchange	Trade Ti	ime
1004'4	0'4	0.05	1004'0	1006'6	1003'2	1004'0	35845	CBOT	02/07/18 2	21:23
Symbol: @S	SN18 Go	Symbol	Search Symb	ol Lookup	Strike Range	Near-the-Mo	oney 🗸		Chart Options F	utures Chain
Mar 20	18 May 2018	Jul 201	8 Aug 2018	Sep 2018	Nov 2018 J	an 2019 Ma	ar 2019 May 20)19 Nov 2019	Jul 2018	•
					Jul 2018 O	ptions				

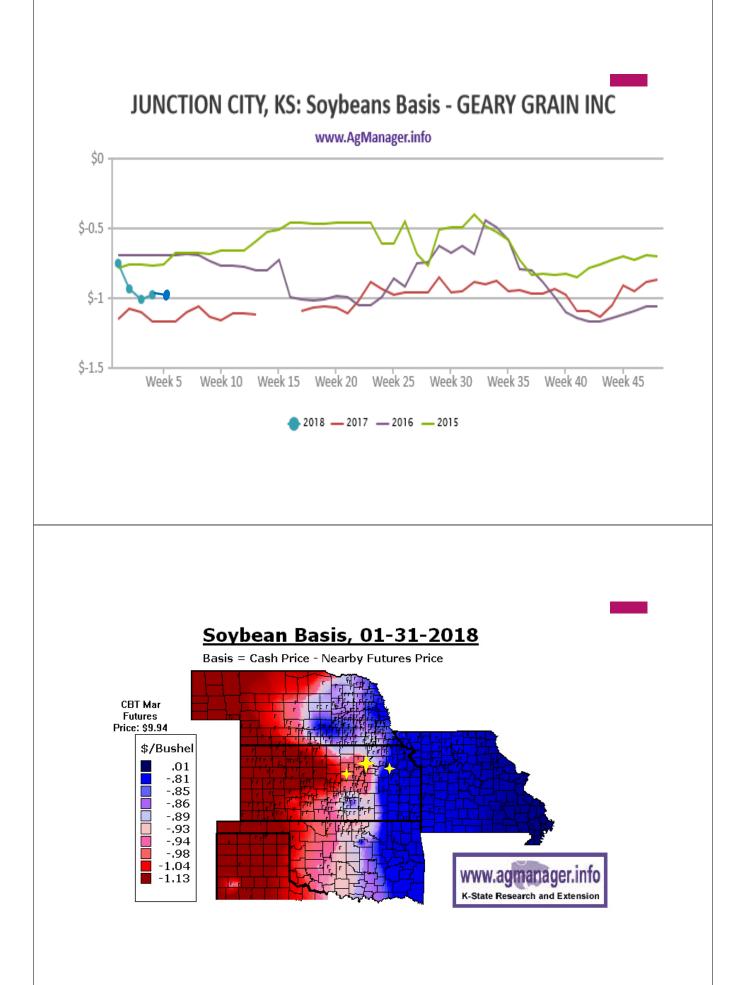
Days	Days Until Expiration: 135																	
			C	alls				Puts										
	Symbol	Price	Chg	Open	High	Low	Volume	Open Int	Strike		Symbol	Price	Chg	Open	High	Low	Volume	Open Int
2	@SN18C9000	106'5s	-3'3	110'0	110'0	110'0	3	31	9000		@SN18P9000	3'1	0'1	3'2	3'2	3'1	97	2737
	@SN18C9200	88'6s	-3'3				0	11	9200		@SN18P9200	5'1s	0'1	5'2	5'2	5'2	82	1960
	@SN18C9400	72'4s	-3'1				0	150	9400		@SN18P9400	8'6s	0'2	8'6	8'6	8'2	72	2708
2	@SN18C9600	58'1s	-2'7				0	166	9600		@SN18P9600	14'2s	0'4	13'7	14'4	13'3	351	2536
2	@SN18C9800	45'7s	-2'5				110	918	9800		@SN18P9800	22'0s	0'7	19'5	21'5	19'5	132	3509
	@SN18C10000	36'0s	-2'2	41'6	41'6	36'2	464	3267	10000		@SN18P10000	32'0s	1'2	31'3	31'7	29'5	347	2945
2	@SN18C10200	28'1s	-1'6	29'2	30'4	28'4	169	2496	10200		@SN18P10200	44'0s	1'5	42'0	44'1	42'0	47	1058
2	@SN18C10400	21'7s	-1'3	25'0	25'0	21'7	532	2133	10400		@SN18P10400	57'6s	2'1				0	238
2	@SN18C10600	17'1s	-1'0	20'0	20'0	17'7	41	1709	10600		@SN18P10600	72'7s	2'4				0	29
2	@SN18C10800	13'3s	-0'7	13'7	13'7	13'2	13	5263	10800		@SN18P10800	89'0s	2'5				0	3
2	@SN18C11000	10'5s	-0'5	13'1	13'1	10'6	181	5544	11000		@SN18P11000	106'1s	2'7	103'0	103'0	103'0	4	5
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In the money At the money

	Last Char	-	%Chg	-	Open		High	Low		revio			chan	-			ade Time	
1	001'6 1'2	2	0.12	2	1000'0		1002'2	999'2		1000	4 15859	(CBOT			02/0	7/18 21:	27
Syn	nbol: @SX18	Go	Sym	bol Sea	rch Sy	mbol Lo	ookup	Strike	Range:	Near-	the-Money 👻				Chart	Opti	ons Futu	ires Cha
	Mar 2018 Ma	y 2018	Jul 2	2018	Aug 20	18 9	Sep 2018	Nov 201	18 Jar	2019	9 Mar 2019 M	ay 2019	No	v 2019	Nov	/ 2018		•
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_	Symbol	Price		Open	High	Low	Volume	Open Int		_	Symbol	Price	-		-		Volume	Open I
2	@SX18C9000	110'5s					0	14	9000	2	@SX18P9000	11'0s	0'2	10'3	11'1	10'3	184	86
2	@SX18C9200	95'7s	-4'4	100'0	100'0	100'0	2	28	9200	2	@SX18P9200	16'1s	0'4	16'0	16'1	15'3	421	26
2	@SX18C9400	82'6s	-4'2				0	78	9400	2	@SX18P9400	22'6s	0'5	22'3	22'3	22'3	9	24
2	@SX18C9600	71'2s	-4'0				0	390	9600	2	@SX18P9600	31'1	0'0	31'1	31'1	31'1	25	17
2	@SX18C9800	61'2s	-3'5	62'5	62'5	62'5	1	951	9800	2	@SX18P9800	40'7s	1'2	40'0	40'3	39'0	44	18
	@SX18C10000	52'5s	-3'1	55'0	55'0	52'7	138	6137	10000		@SX18P10000	52'1s	1'6	50'0	51'4	48'6	139	40
2	@SX18C10200	45'2s	-2'6				1	1768	10200		@SX18P10200	64'4s	2'1	63'2	63'2	63'2	6	5
2	@SX18C10400	38'6s	-2'4	42'3	42'3	40'0	50	3060	10400		@SX18P10400	77'7s	2'4				0	5
2	@SX18C10600	33'0	-0'2	33'0	33'0	33'0	15	3340	10600		@SX18P10600	92'2s	2'6				0	1
2		28'5s	-2'0	32'0	32'0	28'4	85	2051	10800			107'3s	3'0				0	
2	@SX18C11000	24'5s	-1'7	27'1	27'1	24'3	855	9119	11000		@SX18P11000	123'2s	3'1				0	

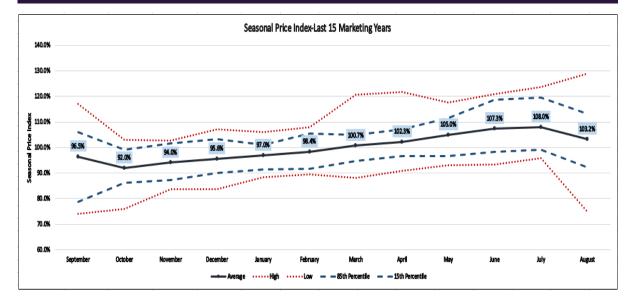
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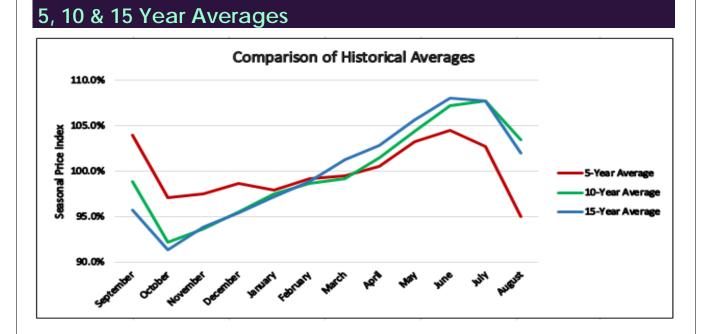


Kansas Soybean Seasonal Cash \$ Index

Monthly Prices: Long Term Average



Kansas Soybean Cash Prices



What "Old Crop" Soybean Marketing Strategies are Likely to Work Best in 2018?

- ► For "Old Crop" 2017 Soybeans
 - **On-Farm Storage** ⇒ Yes, <u>but</u> @ risk to ☆ 2018 So. America crop
 - Off-Farm Storage ⇒ Ditto On-Farm storage *but* at <u>higher costs</u>
 - Storage Hedge / Fwd Contracts ⇒ ≈?? futures are "flat"!
 - Buy Puts or Marketing Loans ⇒ Yes ⇒ Buy Puts (No ⇒ Mktg Loan)
 - Sell Cash & Buy Calls ⇒ Use after cash sales "IF" mkt rallies

What "<u>New Crop</u>" Soybean Marketing Strategies are Likely to Work Best in 2018?

► For "New Crop" 2018 Soybeans

- Futures Hedge ⇒ ??? How much risk of low fall 2018 \$'s?
- Forward Contract ⇒ Ditto, <u>but</u> watch for wide fall '18 basis bids
- Buy Puts ⇒ <u>Yes</u> @ spring/summer rallies
- Marketing Loans ⇒ *Extremely* low Mktg Loan\$ vs Net Put\$s
- Forward Contract + Buy Calls ⇒ Use as <u>post-FC</u> rally protection

