





























Sept. 2013 – KCBT – HRW						
	Commodity Exchange KCBT					
HRW – Billings	Ord.	11%	12%	13%		
Futures Price ¹	\$8.08	\$8.08	\$8.08	\$8.08		
Avg. Basis ²	\$73	\$58	\$42	\$26		
Predicted Local Cash Price	\$7.66	\$7.82				
Basis Standard Dev. Price Range Forecast ³	\$.66 \$6.69 - \$8.01	\$.48 \$7.02 - \$7.98	\$.36 \$7.30 – \$8.02	\$.28 \$7.54 - \$8.01		
 ¹ On February 20th for Sept of 2013 ² Billings Average Basis for 2000 through 2010 ³ Predicted Local Cash Price +/- one Standard Deviation of the basis = range of prices = (68% chance of price being in this range) 						
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	Sample Bas	is Calculat	ions			
Date 6/2/12 6/3/12 6/4/12 6/5/12 6/6/12 6/9/12 6/10/12 6/11/12	Local Cash* \$ 6.45 \$ 6.45 \$ 6.50 \$ 6.52 \$ 6.50 \$ 6.48 \$ 6.45 \$ 6.45 \$ 6.40	Futures \$6.85 \$6.89 \$6.94 \$6.96 \$6.92 \$6.90 \$6.88 \$6.85 Average Bas	Basis -\$.40 -\$.44 -\$.44 -\$.44 -\$.42 -\$.42 -\$.42 -\$.43 <u>-\$.45</u> sis -\$.43			
* For specific type and quality of commodity						
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Predicting Local Price With Fu	utures
 KCBT <u>Futures</u> Basis HRW 	\$7.60 \$- 58
 Trading cost per bushel 	\$.02
 Predicted Local Cash Price 	\$7.00
 KCBT <u>Puts</u> Strike Price 	\$7.20
 Basis HRW, 	\$58
 Trading cost per bushel 	\$.02
 Minus Premium Cost for Put 	<u>\$.60</u>
 Established Floor Price Using a Put 	\$6.00
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Lock in Price - Futures Goe	es Up
 Sell wheat futures contract, lock in 	\$8.00
 Expected basis at sale 	56
 Brokerage and Interest 	04
 Projected cash price at sale 	\$7.40
At Harvest/Sale/Offset	
 Purchase wheat futures contract 	\$8.50
 Cash price at sale 	<u>\$7.94</u>
 Actual Basis (\$7.94 - \$8.50) 	\$56
 Loss per bushel on futures contract 	<u>\$.50</u>
 Net Price realized (\$7.945004) 	\$7.40
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	Margin Accounting for Livestock								
Basic I Commod Exchange Contract Number Contract Initial cor	Margin Ac lity Traded Used Month Trade of Contracts Size in Cwt, ntract price	counting d Traded Bu, lbs, etc. (for	r one contract)	Feeders CME Oct-13 2 50,000 \$1.5800	Initial margin per cc Maintenance margi Initial Position (Buy Initial Margin Paid Date of Initial Posit	ontract n required v or Sell) to Broker ion (M/D/Y)	(B or S)	\$3,000 \$2,500 \$ \$6,000 12/3/2012	
Date	Current Price Quote	<<< Sh Previous Price Quote	ading means numb — Change From Previous Quote	oer is calculate Units Under Contract =	cd/protected Change in Margin From + Last Quote	Previous Ending Margin Balance =	Margin Account _ Balance	Margin Call Required =	Final Margin Account Balance
12-Nov 13-Jan 17-Jan 28-Jan 2-Feb 8-Mar	\$1.1250 \$1.6400 \$1.5900 \$1.6400 \$1.5600 \$1.5400	1.5800 1.1250 1.6400 1.5900 1.6400 1.5600	\$ 0.4550 \$ (0.5150) \$ 0.0500 \$ 0.0500 \$ 0.0800 \$ 0.0200	100,000 100,000 100,000 100,000 100,000 100,000	45,500.00 (51,500.00) 5,000.00 (5,000.00) 8,000.00 2,000.00	6,000.00 51,500.00 5,000.00 10,000.00 5,000.00 13,000.00	51,500.00 0.00 10,000.00 5,000.00 13,000.00 15,000.00	5,000.00 - - - -	51,500.00 5,000.00 10,000.00 5,000.00 13,000.00 15,000.00
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Basic ! Commod Exchange Contract Number Contract Initial cor	Wargin Act lity Traded : Used Month Tradec of Contracts T Size in Cwt, E tract price Pe	counting d Iraded Bu, Ibs, etc. (fo r Unit	r one contract)	Wheat KCBT March 5 5,000 \$7.3500	Initial margin per Maintenance ma Initial Position (I Initial Margin Pa Date of Initial Po	r contract Irgin required Juy or Sell) id to Broker osition	(B or S)	\$1,250 \$1,000 \$ \$6,250 7/27/2010	
Date	Current Price Quote	Previous Price	Change From Previous	Units Units	Change in Margin From	Previous - Ending Margin =	Margin Account	+ Margin Call Required =	Final Margin Account Balance
5-Aug	\$8.0000	7.3500	\$ (0.6500)	25,000	(16,250.00)	6,250.00	(10,000.00)	15,000.00	5,000.00
10-Aug	\$7.2000	8.0000	\$ 0.8000	25,000	20,000.00	5,000.00	25,000.00		25,000.00
25-Aug	\$7.3000	7.2000	\$ (0.1000)	25,000	(2,500.00)	25,000.00	22,500.00	141	22,500.00
10-Sep	\$7.8000	7.3000	\$ (0.5000)	25,000	(12,500.00)	22,500.00	10,000.00	100	10,000.00
30-Sep	\$7.0000	7.8000	\$ 0.8000	25,000	20,000.00	10,000.00	30,000.00		30,000.00
7-Oct	\$7.4000	7.0000	\$ (0.4000)	25,000	(10,000.00)	30,000.00	20,000.00	-	20,000.00
29-Oct	\$7.9000	7.4000	\$ (0.5000)	25,000	(12,500.00)	20,000.00	7,500.00	2 750 00	7,500.00
-Nov	\$8.1500	7.9000	S (0.2500)	25,000	(6,250.00)	7,500.00	1,250.00	3,750.00	5,000.00
l-Dec	\$8.0000	7.1500	\$ (0.8500)	25,000	(21,250.00)	30,000.00	8,750.00		8,750.00

Hedger	Interest	Speculator Interest
neuger	<u>IIIIeresi</u>	<u>Speculator</u> <u>interest</u>
● Volatility	Y	• Volatility Y
Basis	Y	• Basis NA
Cash Markets	Y	Cash Markets NA
Liquidity	Wants	• Liquidity Provides/Wants
Location	Basis	Location NA
Time frame	Cycles	• Time frame Varies
Price Patterns	Y	Price Patterns Y
• Fundamentals	Y	• Fundamentals Y
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C	вот	[Whe	Dis eat F	CU ⁻ utu	ssion	of 10.	Τe \$7.	ern 42	าร		
С	вот	Put	<u>Stri</u>	ke F	Prices and	l <u>Pre</u>	emiu	<u>ums</u>	, 12·	-1-20	10
C . 4			*****	S	Session	*******			Pr	Day	Expiry
Strike	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Date
future	743 2/8	745 ⁶ / ₈	739	742	Nov 26, 16:00	742	3	1044	739	16166	
600	-	23 4/8	23 4/8	23 4/8	Nov 26, 16:43	23 4/8	-2 ³ / ₈	1	25 7/8	1	
660	125	45	45	45	Nov 26, 16:43	45	-3 ³ / ₈	1	48 ³ / ₈	1	
680	-	54 ¹ / ₈	54 ¹ / ₈	54 ¹ / ₈	Nov 26, 16:43	54 ¹ / ₈	-3 4/8	1	57 ⁵ /8	1	
700	-	64	64	64	Nov 26, 16:43	64	-3 %	1	67 ⁶ / ₈	24	
730	-	80 ⁵ / ₈	80 5/8	80 ⁵ / ₈	Nov 26, 16:43	80 ⁵ / ₈	-4	1	84 5/8	1	
740		86 ⁴ / ₈	86 4/8	86 4/2	Nov 26, 16:43	86 ⁴ / ₈	-4 ¹ / ₈	1	90 ⁵ /8	1	



















	KC	СВТ	Se	ept 2	2011 <mark>P</mark>	<u>uts</u>	or	n 1	1-2	26-1	0
C				Se	ession				Pr.	Day	Expiry
Strike	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Date
future	761 ⁶ / ₈	763 ⁶ / ₈	752 ⁶ / ₈	759 ⁶ / ₈	Nov 26, 14:27	759 ⁶ / ₈	3 %	475	756	8120	
720	-	66 ⁴ / ₈	66 ⁴ / ₈	66 ⁴ / ₈	Nov 26, 16:43	66 ⁴ / ₈	-1 ⁶ / ₈	0	68 ² / ₈	4	
	S i. \$7	trike e. wł 7.20 v	Puts price ny wo when	s are s is > ould I n the	In The Mo the Curr exercise Futures an	ent F the <u>r</u> re tra	wh utu i <u>ght</u> din	en res <u>to s</u> g at	Pric <u>sell</u> a \$7.6	e, at 50	
M	MOI STATE	VTAN UNIVERSI	A ry						Mou	ntains 😂	Minds

Establishing A Floor Price Us	sing a Put
 Initial Conditions: KCBT <i>Puts</i> Strike Price Plus Basis HRW, Minus Trading cost per bushel Minus Premium Cost for Put Estimated Floor Price Cash 	\$7.20 \$58 \$.02 <u>\$.67</u> \$5.93
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	C1.4.				1	Session				Pr.	Day	Expiry
	зніке	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Date
KCBT	future	750	756 ⁶ / ₈	745 ⁶ / ₈	752 ² / ₈	Nov 26, 14:27	752 ² / ₈	2 ² / ₈	1436	750	49867	
I RODI	440		1/8	1/ ₈	1/8	Nov 26, 16:43	1/8	-	0	1/8	12	
.lulv2011	480		4/8	4/8	4/8	Nov 26, 16:43	4/8	-0 ¹ / ₈	0	⁵ /8	10	
July2011	500		1 1/8	1 1/8	1 1/8	Nov 26, 16:43	1 ¹ / ₈	-	0	1 1/8	31	
Puts on Nov.	550	-	4 ⁴ / ₈	4 ⁴ / ₈	4 ⁴ / ₈	Nov 26, 16:43	4 ⁴ / ₈	-0 ³ /8	0	4 ⁷ / ₈	106	
	570	-	7 ¹ / ₈	7 1/8	7 1/8	Nov 26, 16:43	7 ¹ / ₈	-0 ³ / ₈	0	7 ⁴ / ₈	61	
26, 2010	600		$12 \ {}^6\!\!/_8$	12 ⁶ / ₈	12 ⁶ / ₈	Nov 26, 16:43	12 %	-0 ⁵ / ₈	43	13 ³ / ₈	374	
,	620	-	17 ⁷ / ₈	17 ⁷ / ₈	17 ⁷ / ₈	Nov 26, 16:43	17 7/8	-0 ⁵ / ₈	0	18 ⁴ / ₈	22	
	630	-	20 ⁶ / ₈	20 ⁶ / ₈	20 ⁶ / ₈	Nov 26, 16:43	20 %	-0 ⁶ / ₈	0	$21 \frac{4}{8}$	47	
	640	-	24	24	24	Nov 26, 16:43	24	-0 ⁶ / ₈	0	24 ⁶ / ₈	384	
Put = Seii	650	-	27 ³ / ₈	27 ³ / ₈	27 ³ / ₈	Nov 26, 16:43	27 ³ / ₈	-1	1	28 ³ / ₈	215	
	660		31 ² / ₈	31 ² / ₈	31 ² / ₈	Nov 26, 16:43	31 ² / ₈	-0 ⁷ / ₈	0	32 ¹ / ₈	238	
	680		39 ⁴ / ₈	39 ⁴ / ₈	39 ⁴ / ₈	Nov 26, 16:43	39 ⁴ / ₈	-1 ¹ / ₈	0	40 5/8	15	
	690	-	44 ¹ / ₈	44 ¹ / ₈	44 ¹ / ₈	Nov 26, 16:43	44 1/8	-1 ¹ / ₈	0	45 ² / ₈	248	
In the Money	700		48 7/8	48 7/8	48 7/8	Nov 26, 16:43	48 7/8	-1 ² / ₈	7	50 ¹ / ₈	342	
	720		59 ³ / ₈	59 ³ / ₈	59 3/8	Nov 26, 16:43	59 3/8	-1 ³ / ₈	0	60 ⁶ / ₈	32	
	730	-	64 ⁷ / ₈	64 ⁷ / ₈	64 ⁷ / ₈	Nov 26, 16:43	64 ⁷ / ₈	-1 ⁴ / ₈	0	66 ³ / ₈	19	
	740		70 ⁶ / ₈	70 ⁶ / ₈	70 ⁶ / ₈	Nov 26, 16:43	70 %	-1 3/8	0	72 ¹ / ₈	28	
	750	100	76 6/8	76 ⁶ / ₈	76 ⁶ / ₈	Nov 26, 16:43	76 %	-1 4/8	0	78 ² / ₈	217	
MONTANA	760		82 7/8	82 ⁷ / ₈	82 7/8	Nov 26, 16:43	82 7/8	-1 ⁴ / ₈	0	84 ³ / ₈	18	
STATE UNIVERSITY	770	-	89 ² / ₈	89 ² / ₈	89 ² / ₈	Nov 26, 16:43	89 ² / ₈	-1 4/8	0	90 ⁶ / ₈	20	



		KC	BT	July	/2011 <u>C</u>	alls	, 1	1-2	6-1	C	
C . 1				S	lession				Pr.I	Day	Expiry
Strike	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Date
future	750	756 ⁶ / ₈	745 ⁶ / ₈	752 ² / ₈	Nov 26, 14:27	752 ² / ₈	2 ² / ₈	1436	750	49867	
600	-	164 ³ / ₈	164 ³ / ₈	164 ³ /8	Nov 26, 16:43	164 ³ / ₈	1 5/8	0	162 ⁶ / ₈	29	
660	=	123	123	123	Nov 26, 16:43	123	1 ² / ₈	0	121 %	68	
680	-	111 ⁴ / ₈	111 ⁴ / ₈	111 ⁴ / ₈	Nov 26, 16:43	111 4/8	1 2/8	0	110 ² / ₈	6	
700		101	101	101	Nov 26, 16:43	101	1 1/8	0	99 ⁷ / ₈	184	
750	2	79	70	79	Nov 26, 16:43	79	0 %	0	78 ² / ₈	272	
770	-	71 4/8	71 4/8	71 478	26, 16:43	71 4/8	0 5/8	0	70 ⁷ / ₈	13	
780	-	68 ¹ / ₈	68 ¹ / ₈	68 ¹ / ₈	Nov 26, 16:45		0 5/8	0	67 ⁴ / ₈	22	
800	-	61 ⁶ / ₈	61 ⁶ / ₈	61 ⁶ / ₈	Nov 26, 16:43	61 In	th	e Mo	nev	240	
820	-	56	56	56	Nov 26, 16:43	5	- 8			16	
850	-	48 ⁵ /8	48 ⁵ /8	48 ⁵ /8	Nov 26, 16:43	48 5/8	0 3/8	0	48 ² / ₈	425	
860	-	46 ³ / ₈	46 ³ / ₈	46 ³ /8	Nov 26, 16:43	46 ³ / ₈	0 2/8	3	46 ¹ / ₈	174	
900	-	38 6/8	38 ⁶ / ₈	38 ⁶ /8	Nov 26, 16:43	38 ⁶ / ₈	0 2/8	0	38 ⁴ / ₈	742	
1000	-	25 ⁵ / ₈	25 ⁵ /8	25 ⁵ / ₈	Nov 26, 16:43	25 5/8	-	0	25 5/8	229	

CBOT Puts for Sept 2011 on 11-26-10

C . 1				5	Session				Pr	Day	Expiry
Strike	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Date
future	743 ² / ₈	745 ⁶ / ₈	739	742	Nov 26, 16:00	742	3	1044	739	16166	
600	-	23 ⁴ / ₈	23 4/8	23 4/8	Nov 26, 16:43	23 4/8	-2 ³ / ₈	1	25 7/8	1	
660	120	45	45	45	Nov 26, 16:43	45	-3 ³ / ₈	1	48 ³ / ₈	1	
680		54 ¹ / ₈	54 ¹ / ₈	54 ¹ / ₈	Nov 26, 16:43	54 ¹ / ₈	-3 ⁴ / ₈	1	57 ⁵ / ₈	1	
700	-	64	64	64	Nov 26, 16:43	64	-3 %	1	67 ⁶ / ₈	24	
730	-	80 ⁵ / ₈	80 ⁵ / ₈	80 ⁵ / ₈	Nov 26, 16:43	80 ⁵ / ₈	-4	1	84 ⁵ /8	1	
740	-	86 ⁴ / ₈	86 ⁴ / ₈	86 4/8	Nov 26, 16:43	86 4/8	-4 ¹ / ₈	1	90 ⁵ /8	1	
M	hti MOI	tp://v	<u>VWV</u> ¥	<u>ı.tfc</u>	charts.co	m/n	nen	<u>u.ht</u>	<u>ml</u>	untains 😂	Minds

	Ch.T.					Session				Pr.	Day	Expiry
	Strike	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Date
	future	743 ² / ₈	745 ⁶ / ₈	739	742	Nov 26, 16:00	742	3	1044	739	16166	
	(720)	-	96 ⁶ / ₈	96 ⁶ / ₈	96 ⁶ / ₈	Nov 26, 16:43	96 ⁶ / ₈	-0 7/8	1	97 ⁵ / ₈	23	
In the Money	800	-	67 ⁷ / ₈	67 ⁷ / ₈	67 ⁷ / ₈	Nov 26, 16:43	67 ⁷ / ₈	-1 ⁴ / ₈	4	69 ³ / ₈	35	
	850	-	54 ⁷ / ₈	54 7/8	54 ⁷ / ₈	Nov 26, 16:43	54 ⁷ / ₈	-1 5/8	1	56 ⁴ / ₈	1	
CBOT Calls For	860	-	52 ⁵ / ₈	52 ⁵ / ₈	52 ⁵ / ₈	Nov 26, 16:43	52 ⁵ / ₈	-1 ⁵ / ₈	2	54 ² / ₈	2	
	960	-	35 ² /8	35 ² / ₈	35 ² / ₈	Nov 26, 16:43	35 ² /8	-1 ⁴ / ₈	25	36 %	25	
Sept 2011 on	970	-	33 7/8	33 7/8	33 7/8	Nov 26, 16:43	33 7/8	-1 5/8	5	35 4/8	5	
	980	-	32 ⁵ / ₈	32 5/8	32 5/8	Nov 26, 16:43	32 ⁵ / ₈	-1 5/8	10	34 2/8	10	
Nov. 26, 2010	990		31 ⁴ / ₈	31 4/8	31 4/8	Nov 26, 16:43	31 4/8	-1 ⁴ / ₈	15	33	15	
,	1000	-	30 ³ / ₈	30 ⁻³ / ₈	30 ³ / ₈	Nov 26, 16:43	30 ³ / ₈	-1 ⁴ / ₈	1	31 7/8	52	
	1010	-	29 ² / ₈	29 ² / ₈	29 ² / ₈	Nov 26, 16:43	29 ² / ₈	-1 ⁴ / ₈	7	30 %	23	
Coll Dight to Duny	1020	-	28 ¹ / ₈	28 ¹ / ₈	28 ¹ / ₈	Nov 26, 16:43	28 ¹ / ₈	-1 4/8	5	29 ⁵ / ₈	15	
Call = Right to Buy	1030	-	27 ¹ / ₈	27 ¹ / ₈	27 ¹ / ₈	Nov 26, 16:43	27 ¹ / ₈	-1 4/8	1	28 ⁵ / ₈	12	
	1040	-	26 ² / ₈	26 ² / ₈	26 ² / ₈	Nov 26, 16:43	26 ² / ₈	-1 ³ / ₈	5	27 5/8	14	
	1050	-	25 ²/ ₈	25 ² / ₈	25 ² / ₈	Nov 26, 16:43	25 ² /8	-1 3/8	5	26 ⁵ / ₈	217	
	1060	-	24 ³ / ₈	24 ³ / ₈	24 ³ / ₈	Nov 26, 16:43	24 ³ / ₈	-1 3/8	5	25 ⁶ / ₈	18	
	1070	1.50	23 ⁴ / ₈	23 ⁴ / ₈	23 4/8	Nov 26, 16:43	23 4/8	-1 ³ / ₈	5	24 ⁷ / ₈	17	
	1080	-	22 ⁶ / ₈	22 ⁶ / ₈	22 ⁶ / ₈	Nov 26, 16:43	22 %	-1 2/8	4	24	13	
	1090	-	22	22	22	Nov 26, 16:43	22	-1 2/8	1	23 ² / ₈	13	
CALL IN .	1100	-	21 ² / ₈	21 ² / ₈	21 ² / ₈	Nov 26, 16:43	21 ² / ₈	-1 ²/8	1	22 ⁴ / ₈	33	
MONTANA	1110	-	20 ⁴ / ₈	20 ⁴ / ₈	20 ⁴ / ₈	Nov 26, 16:43	20 ⁴ / ₈	-1 2/8	1	21 %	13	
STATE UNIVERSITY	1120	-	19 ⁷ / ₈	19 7/8	19 7/8	Nov 26, 16:43	19 7/8	-1 1/8	3	21	4	

	(CME	E Fe	ede	r Quot	es,	11	-26	6-10)	
Month				Sess	sion				Pr.D	ay	Ontions
Click for chart	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Options
Cash	-	-1	-1	109.930 *	Nov 24, 16:14	-	-	-	114.080	-	n/a
<u>Jan 11</u>	118.750	119.100	118.600	118.750	Nov 26, 16:07	118.750	0.475	2109	118.275	15677	Call Put
<u>Mar 11</u>	119.125	119.500	119.125	119.375	Nov 26, 16:07	119.375	0.375	1318	119.000	8662	Call Put
<u>Apr 11</u>	119.575	119.700	119.575	119.700	Nov 26, 16:07	119.700	0.425	495	119.275	2510	Call Put
May 11	119.750	119.800	119.750	119.775	Nov 26, 16:07	119.775	0.425	310	119.350	3430	Call Put
Aug 11	120.200	120.500	120.200	120.500	Nov 26, 16:07	120.500	0.250	656	120.250	3028	Call Put
Sep 11	<u>_</u>	119.800	119.800	119.800	Nov 26, 16:07	119.800	0.300	20	119.500	188	Call Put
Oct 11	-	119.300	119.300	119.300	Nov 26, 16:07	119.300	0.300	9	119.000	41	Call Put
Nov 11		118.300	118.300	118.300	Nov 26, 16:07	118.300	0.300	2	118.000	2	Call Put
M	Nov 11 - 118.300 118.300 Nov 26, 16:07 118.300 0.300 2 118.000 2 Call Put Do you like volatility as a producer? http://www.tfccharts.com/menu.html ************************************										

Sec. 19				Se	ession				Pr.Da	ay	Expiry
ыке	Open	High	Low	Last	Time	Sett	Chg	Vol	Sett	OpInt	Date
iuture	2	119.300	119.300	119.300	Nov 26, 16:07	119.300	0.300	9	119.000	41	
1100	=	3.450	3.450	3.400	Nov 26, 16:00	3.400	-0.050	100	3.450	1	























Cash Co	ontracts:
ADVANTAGES	DISADVANTAGES
Easy, no complications.	Price locked in, can't participate in a market rally.
Cash price, quantity, and delivery are known.	Payment not received until grain is delivered.
Risk of price decrease is eliminated.	Possible penalty for cancellation.
No service or storage charges.	
All proceeds available on delivery.	
Income can be deferred.	R
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Forward C	Contracts:					
Advantages	Disadvantages					
Easy, no complications.	Price locked in, can't participate in a market rally.					
Locks in price, no downside risk.	No payment until delivery.					
Can take advantage of a carry market.	May not be able to lock in premium or discount scales.					
No service charge.	Risk involved if production doesn't meet expectations.					
Can defer income.						





Futures Fixed	Contracts:
Advantages	Disadvantages
Limits downside futures price risk.	Can't participate in futures rally.
Can take advantage of basis improvement.	Downside basis risk.
No margin requirements to the farmer, since the elevator is carrying the position.	Must monitor basis levels closely to lock them in when high.
May be allowed to buy back the contract if you are unable to deliver.	Locked in to the elevator and required to deliver (unless allowed to buy back the contract).
May be allowed to roll the contract to a later month in the same crop year.	If grain is delivered prior to pricing basis, there may be service charges.
	This type of contract can only be executed during trading hours (8:30 a.m. to 12:15 p.m. MST)
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Basis Fixed Contracts:		
Advantages	Disadvantages	
Eliminates downside basis risk.	Risk of futures price decrease. (If futures prices drop below the level used to calculate your advance, you may have to pay back a portion of the advance.)	
Can take advantage of potential futures price increase.	Required to deliver grain as stated in contract.	
Can collect an advance on delivered grain without locking in the final cash price.	Must track the futures and market trends to lock in a favorable futures price.	
No storage costs.	Full payment is not made until the futures price is locked in.	
By "rolling the basis" contract can remain unpriced for extended period of time.	16	
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NPE/Delayed/Deferred Price Contracts	
Advantages	Disadvantages
Can ship grain immediately.	Unlimited downside price risk.
Can take advantage of futures and/or basis improvement.	Title of grain is transferred to the elevator.
Allows you to defer income.	No payment is made until contract is priced.
It may be possible to change an NPE contract to a basis fix contract, thus stopping service charges and allowing you to receive an advance.	May have to lock in discounts and protein scales.
	Service charges may apply.
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Advantages	Disadvantages
No downside price risk.	Can't take advantage of basis appreciation.
If futures rally, you receive increase in option value.	Cost of option can be expensive depending on length of expiration date and strike price used.
Full payment (at established minimum price) is received when grain is delivered.	The value of an option does not move a for 1 with the futures market.
	If futures fail to strengthen, contract will expire and the minimum price will be the final price.
	This contract can only be executed during trading hours (from 8:30 am to 12:15 pm MST).






























































Pros for LRP
 Can cover small number of head <u>Not lumpy</u> like futures and options contracts Insurance <u>coverage can be transferred</u> to a new owner if livestock are sold before the end date. – New owner must meet eligibility requirements
 Can purchase this insurance daily after markets close 3:00 pm until 9:00 am the following morning One time only transaction at purchase Settles to daily <i>CME Cash Feeder Cattle Index</i> adjusted by RMA Price Adjustment Factors (PAFs)
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Adjustment Factors Built In To LRP Coverage Levels						
	Pi	rice Adjus	tment Factors ((PAFs)		
Weight Range	Weight Range Steers Heifers Brahman Dairy					
< 6.0 Cwt	110%	100%	100%	85%		
6.0 to 9.0 Cwt	6.0 to 9.0 Cwt 100% 90% 90% 80%					
These factors are applied to the Futures/Options prices the RMA uses to produce the daily LRP price coverage levels listed on the web.						
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Partial LRP Report – 3-8-2013								
Endorsemen t Length	Туре	Crop Year	Exp. End Value	Coverage Price	Coverag e Level	Rate	Cost Per CWT	End Date
13	809 Steers Weight 1	2013	160.321	\$159.72	0.9963	0.030854	4.928	6/7/2013
21	809 Steers Weight 1	2013	165.045	\$160.04	0.9697	023837	3.815	8/2/2013
21	809 Steers Weight 1	2013	165.045	\$153.44	0.9297	0.011592	1.779	8/2/2013
34	809 Steers Weight 1	2013	169.294	\$166.35	0.9826	0.036011	5.99	11/1/2013
34	809 Steers Weight 1	2013	169.294	\$164.15	0.9696	0.030363	4.984	11/1/2013
34	809 Steers Weight 1	2013	169.294	\$153.15	0.9046	0.011793	1.806	11/1/2013



Cons for LRP
 Limited coverage time slots
– 13, 17, 21, 26, 30, 34, 39, 43, 47, or 52-week periods
 <u>Can not sell</u> or <u>transfer ownership</u> prior to 30 days before the end of the "Specific Coverage Endorsement"
 A forward contract is not selling or transferring ownership
 Limited selection of coverage levels
 Producer Must establish eligibility at the time insurance is purchased
 Ownership, number of head, type of livestock, finish date
 Limit of 1,000 head per endorsement & 2000 head annually
 No Off-setting Transactions allowed
 Offset LRP position in the futures and/or options market
Offset = Buying a Call Option
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LKF-Feeders, Steers weight					
Contract Data	Value	Calculation			
Number of Steers	100 hd	Producer			
Expected Weight	5.80 lb	Producer			
Current Date	March 8, 2013	Producer			
Marketing Date	November 1	Producer			
Insurance Period	34 weeks	Producer			
Expected Ending Value	\$169.294 cwt	RMA			
Coverage Level	98.26%	Producer			
Coverage Price	\$166.35/cwt	RMA			

LRP—Feeders Steers Weight 1				
Feeders, July 13, 2011				
Contract Data	Value	Source		
Insured Value	\$96,483	100 hd x 5.80 cwt/hd x \$166.35 /cwt		
Premium Rate	0.036011	RMA		
Total Premium	\$3,474.20	\$96,483 x 0.036011		
Subsidy Rate	13%	RMA		
Subsidy Amount	\$451.65	\$3,474 x 0.13		
Producer Premium	\$3,022	\$3,474 - \$452		
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LRP Example-Steers We	eiaht 1					
• Yes, \$165,000 is less then \$166,350						
 Indemnity calculation 	•					
 - 100 head x 5.80 cwt/head x \$1.35 = • \$1.35 = (\$166.35 - \$165.00) 	\$783.00					
 Revenue from calves 						
- 100 x 5.80 cwt/head x \$168.00 =	\$97,440.00					
 Plus indemnity of: 	+ 783.00					
 Less producer premium of: 	- 3,023.00					
 Less transaction costs (.22*5.80*100) 	<u>- 127.60</u>					
– Net revenue (rounded):	=\$95,072.00					
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Types of Risk Factors					
	Futures	Basis	Premium	Production	
Futures		X		Х	
Options		X	X	Х	
Remain Un-Priced	X	X		Х	
Forward Basis Contract	X			X	
Minimum Price Contract			X	X	
Forward Cash Price				X	
Yield Protection				Some	
RP-HPE				Some	
Revenue Protection				Some	











<u>Action</u> • Store or Wait to Price • Delayed Pricing • Put Options • Minimum Price, <u>Fix</u> <u>Futures</u> <u>Cash</u> <u>Time</u> Basis Strengthening	UpActionF• Basis Contractu• Sell Cash and BuytFutures or Callu• Minimum Price withrFixed BasissFuturescashTimeBasis Weaken	ing
Action • Hedge • Put Options • Minimum Price, <u>Fix</u> <u>Futures</u> Cash Time	F <u>Action</u> u Cash Sales t Forward Contract u r e Futures s Cash Time	
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