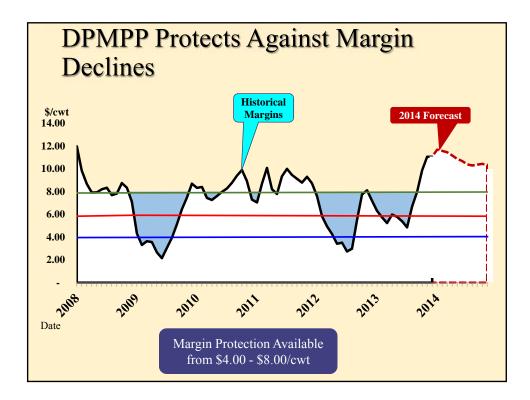
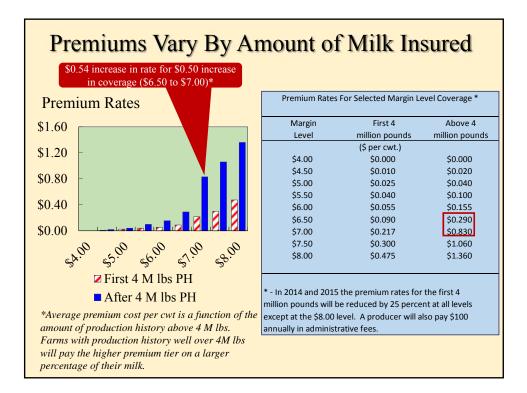


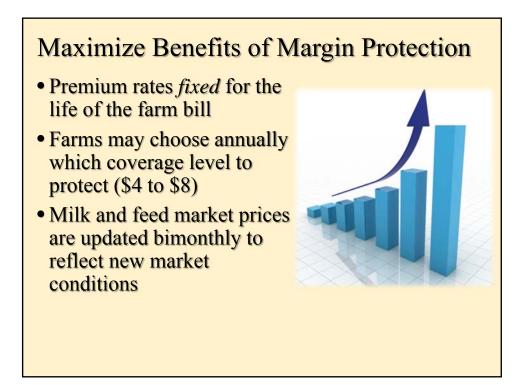
Important Margin Elements										
Type of Animal		Dry Matter Consumed (lbs/day)	Quantity Consumed							
			Shelled Corn (bu/day)	Corn Silage (ton/day)	Soybean Meal (ton/day)	Alfalfa Hay (ton/day)				
Milk Cows	45.5	47.1	0.3198	0.0229	0.0032	0.0059				
Hospital Cows	0.94	40.0	0.2716	0.0194	0.0028	0.0050				
Dry Cows	9.11	24.0	0.0249	0.0172	0.0020	0.0042				
Replacement Heifers										
To Calve Within 1 yr	21.89	23.0	0.0239	0.0020	0.0020	0.0041				
500 lbs and Over	11.28	15.0	0.0311	0.0013	0.0013	0.0022				
Less than 500 lbs	11.28	7.0	0.0363	0.0006	0.0006	0.0006				
Total	100.0	35.1*	0.1632	0.0128	0.0023	0.0043				
	lbs.	25.6	4.6	8.7						
*Note: Weighted su	im whe	re weights	are the	percent o	f herd va	alues				

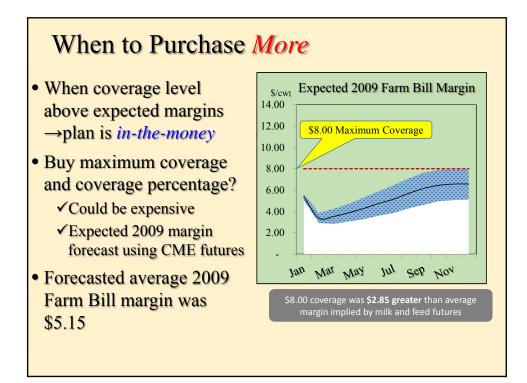
Assumed milk yield of 68.65 tons/day with 10% loss between amount of feed purchased and amount of feed fed.

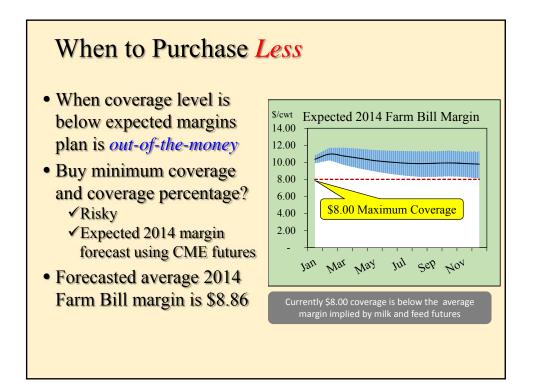




Premiums Vary By Amount of Milk Insured											
	< \$4 Million Lbs Insured				> \$4 Million Lbs Insured						
			Net				Net				
Margin	Premium	Change	Margin	Margin	Premium	Change	Margin				
\$4.00	\$0.000		\$4.000	\$4.00	\$0.000		\$4.000				
\$4.50	\$0.010	\$0.010	\$4.490	\$4.50	\$0.020	\$0.020	\$4.480				
\$5.00	\$0.025	\$0.015	\$4.975	\$5.00	\$0.040	\$0.020	\$4.960				
\$5.50	\$0.040	\$0.015	\$5.460	\$5.50	\$0.100	\$0.060	\$5.400				
\$6.00	\$0.055	\$0.015	\$5.945	\$6.00	\$0.155	\$0.055	\$5.845				
\$6.50	\$0.090	\$0.035	\$6.410	\$6.50	\$0.290	\$0.135	\$6.210				
\$7.00	\$0.217	\$0.127	\$6.783	\$7.00	\$0.830	\$0.540	\$6.170				
\$7.50	\$0.300	\$0.083	\$7.200	\$7.50	\$1.060	\$0.230	\$6.440				
\$8.00	\$0.475	\$0.175	\$7.525	\$8.00	\$1.360	\$0.300	\$6.640				
Note: N	let Margin	= Margin	guarantee	e — premi	um						







## **Margin Protection Facts**

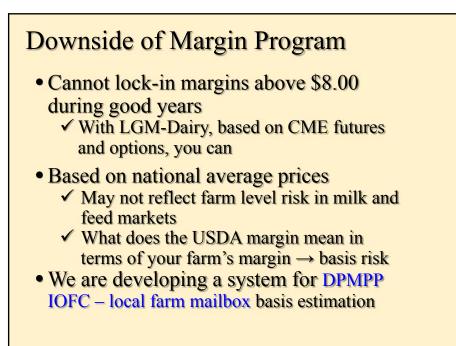
- Can provide revenue support during multi-year losses in farm equity
- No payment limitations
- In-the-money Coverage

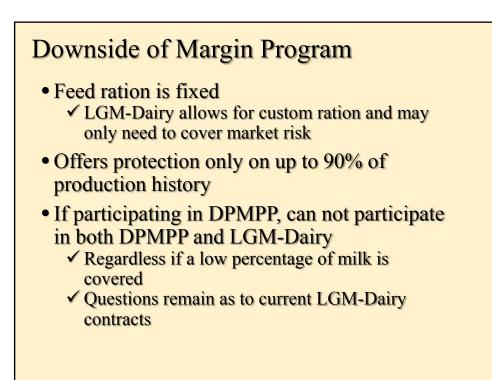
✓ May provide margin protection at levels greater than CME futures would provide

- Out-of-the-money Coverage
  - ✓ Will not provide margin protection at levels greater than \$8.00 per cwt

### **Margin Protection Facts**

- Indemnities calculated every 2 months
  - One month could offset the other
- Coverage options may be cheaper than
  - ✓LGM-Dairy
  - ✓ Futures
  - ✓Options
- Is not actuarially fair as premiums are not based on milk and feed market prices





# USDA Risk Management Options for Dairy Philosophically Different Approaches

Target Deficiency Payment Program

#### Dairy Margin Protection Program

- 1. Provides protection against multiyear losses from \$4 to \$8 cwt
- 2. Is not actuarially fair and premiums not based on current milk and feed market prices
- Indemnity payments only when margin falls below user selected coverage level
- 4. No payment limitations or AGI caps on eligibility

#### Futures & Options Based

#### LGM-Dairy

- Protects average gross margin at prevailing market prices, price floor moves up or down
- 2. Is designed to be actuarially fair pre-subsidy
- Indemnity payments when actual margins are below guarantee at end of coverage period
- 4. Inadequate funding

