

Things that Go Away With the new farm bill Repeals the dairy export incentive program

- Repeals the dairy product price support program → Sov
- $\ensuremath{\bigcirc}$ Repeals the MILC program after the margin protection program is operational
 - MILC has paid significant dollars to producers
 - \cdot MILC was an easy program in which to participate
 - O Picking correct start month was probably the hardest part for large farms
 - O Larger farms were not a fan of the program

U. P	S weak dollar, more affector by with held until rebounded	phu

Things that Stay

- Dairy Price Support Program (the old one—permanent legislation—of "Dairy Cliff" fame)
- Extends the dairy forward pricing program
- ∩ Livestock Gross Margin for Dairy
- Language that would allow the formation of a California Federal Milk Marketing Order with consideration of their quota program.

Things that Are New

- Creates a margin protection program (MPP)
 - ... Run by the Farm Service Agency
 - Farms can choose the MPP or LGM-D, but cannot use
- O Creates a dairy product donation program -

MPP	` '5	Similar	to	MILC
-----	-------------	---------	----	------

permanent decision once enrolled

-> Gov't would purchase perishable dairy products + donate to food shelves. No storing product

What is this Margin?

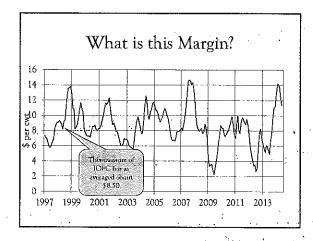
- O 'All Milk Price less Feed Cost
 - The average cost of feed for a dairy operation required to produce a cwt of milk, determined in accordance with the following formula:

[1.0728~X~\$~corn/bu] + [0.00735~X~\$~SBM/ton] + [0.0137~X~\$~alfalfa~hay/ton]

- Milk, corn and alfalfa prices reported by NASS in Agricultural Prices; soybean meal price is Central Illinois, USDA/AMS
- Formula was developed by NMPF and used in the Dairy Security Act. Meant to feed cow at average production for 100 lbs of milk with complement of youngstock, dry cows and sick animals. Values reduced to 90% of full needs by Senate.

	Calcula	led for a	- COM	-produ	cinq
-	23,000	165/yr -	other	Youn	gstack
	dry con				,
)				
_	Senate	reduce	d to	90% 0	

- Senate reduced to 90% or 9016/d MILK



At 64 margain it is considered
catestrophic with no cost
other than \$100/yr. At \$8
there is some pay out but
with costs

What is this Margin?

- The margin values will be averaged in two-month pairs of Jan-Feb, Mar-Apr, May-Jun, Jul-Aug, Sep-Oct, Nov-Dec
- $\,\cap\,\,$ The margin level will determine indemnity payments
- $\,\cap\,\,$ This is a national measure of dairy farm well-being—your actual mileage will vary.

•	
Annual	Decision

- The MPP is an insurance product—you pay a premium and you will receive an indemnity payment if due
- O You already have a production history
 - Highest annual production in 2011, 2012 or 2013
 Your production history will be increased by national average rate of growth in milk production
- Annual choice of coverage percentage between 25% and 90% in 5% increments
- $\,\cap\,$ Annual choice of coverage level between \$4 and \$8 in 50¢ increments

mis year - Can enroll now until Nov 28
Normal 15+ business day July until
last business day Septembe
x Each year & Can change the level of coverage

x can have reduced herd but payments up to production

Premium Rates

O Premiums at 2 rate levels: first 4 million pounds and above 4 million pounds

○ Premiums increase in -cost as you increase margin level.

 ∧ Much more expensive above \$6.50

Premium Rates For Selected Margin Level Coverage * million pounds \$4.00

First 4
milion pounds
(5per cyrt.)
50,000
\$0,010
\$0,025
\$0,040
\$0,055
\$0,040 \$0.000 \$0.020 \$0.040 \$0.100 \$0.155 \$0.290 \$0.830 \$1.060 \$1.360 \$6.50 \$7.00 \$7.50 \$8.00 \$0,090 50.217 50.300 50.475

Also a \$100 annual fee
 in 2014 and 2025 the premium rates for the first 4 million pounds will be reduced by 25 percent at all levels except at the S8,00 level. A producer will also pay \$100 annually in administrative fee.

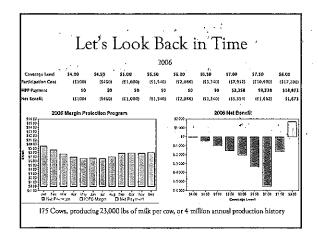
\$0.54 Increase For \$50 coverage

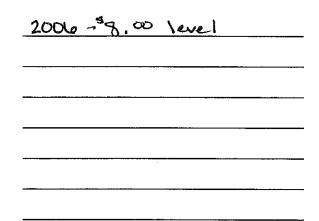
Premium Rates O Premium rates \$1.20 are fixed over \$1.00 the life of the \$0.80 farm bill \$0.60 ○ Premium rates \$0.40 are heavily subsidized \$0.20 \$0.00 \$4.00 \$4.50 \$5.00 \$5.50 \$6.00 \$6.50 \$7.00 \$7.50 \$8.00 First 4 M lbs PH ■ After 4 M lbs PH

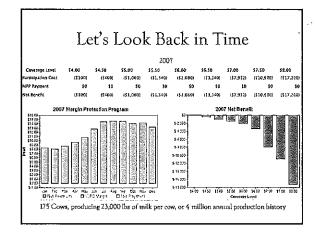
	Le	t's l	Lool	c Ba	ıck i	n T	ime		
				200	5				
Coverage Level* Participation Cost MPP Payment	\$4,00 (\$100) \$9	\$4.50° (\$450) 50	\$5,00 (\$3,000)	\$5,50- (51,540) 50	\$5.00 (\$2,080) \$0	\$6,50: (\$3,340) \$0	\$7.00 ° (\$7,912) 10	\$7.50 ^{\(\)} (\$10,990) 50	\$8,00 (\$17,20)
Net Benefit	(\$100)	(\$459)	(\$1,900)	(\$1,540)	(52,080)	(\$3,140)	(17,912)	(\$10.900)	(\$17.200
200		AND THE PROPERTY OF THE PROPER	gram		12 200 14 000 14 000 15 000 16 000	200 200 200 200 200 200 200 200 200 200	5 Nét Sené	10'60 ST'TO	17:8 17:0

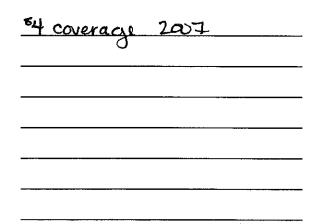
CUST BY CONTROL	
·	
Feb 1st - pay 25% of premums	••
) *
June 15 - balance due	
The FSA will take as much	Des 4
AC DOWN ACTS	<i>-</i>
of payments.	
Payments could be reduced	due
gov't sequestration	
3-11	

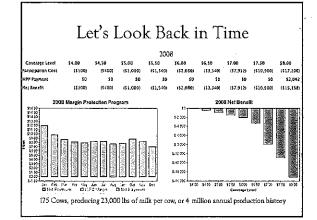
4H'00	would ho	we be	tyo n	amal
Coverage	in 2005			_
٥				
			.	
		<u>,</u>	,	
				_





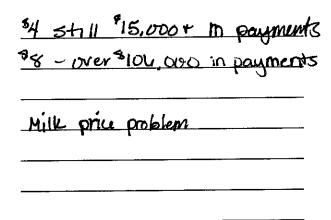


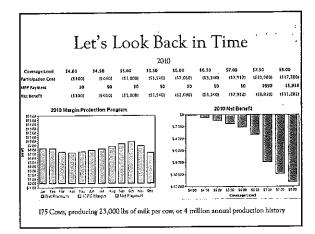




4 cone	rage	wrondo	d ha	ve
been	oph	would mal		
			·	*0-50

	Le	et's l	_00]	k Ba		n T	ime		
Coverage Level Participation Cost MPP Payment Ret Benefit	\$4,00 {\$100} \$15,223 \$15,123	\$4.50 (\$460) \$27,223 \$26,763	\$5.00 (\$1,000) \$39.223 \$38,223	\$5.50 (\$1,540) \$51,223 \$49,683	\$6.00 (\$2,080) \$63,915 \$61,835	\$6.50 (\$3,340) \$78,915 \$75,57\$	\$7,60 (\$7,912) \$93,915 \$86,003	\$7.50 (\$10,900) \$108,915 \$98,015	\$8,0 (\$12 \$12
	nami 🗆 100	5 881 E	- Constitution of the Cons	1		Nice 11 to	S Net Bene	sale tree	sr a

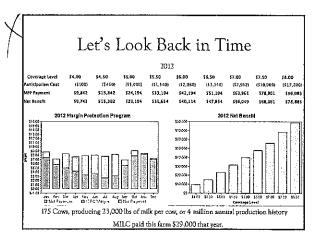


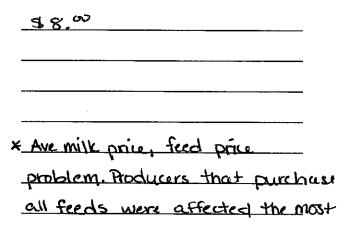


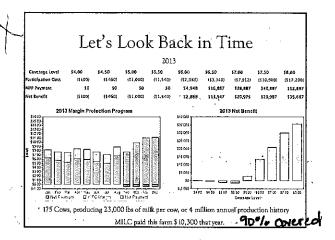
4			

	Le	et's l	Lool	k Ba	ICK 1	n l	ıme		
Coverage tevel	\$4,00	54,50	\$5.00	201	\$6.00	is.50	17.00	\$2,50	55.00
Participation Cost	(\$100)	(\$=60}	(\$1,00D)	(\$1,540)	(\$2,680)	(\$3.340)	(\$7,912)	(\$10,300)	(\$17,200
MPP Payment	50	10	60	50	20	50	50	\$0	599
Net Benefit	(\$100)	(\$460)	(\$1,000)	[53,540]	(\$2,980)	(53,340)	(\$7.912)	(\$10,900)	(\$16,200
HO H		STATEMENT OF THE STATE OF THE S	Section Control of the Control of th	and the second second	\$4000 \$4000 \$4000 \$4000 \$4000 \$4000 \$4000 \$4000 \$4000				
E follows			a 0± fa □ Hai Parmer		24 (34.50 65.20	1950 1960 Description 5		1735 173

⁴ 4		 		
		 	 	,
	-			
		 	 ·	







<u>ල් ක</u>			
-	3. 14		

Year	Optimal Strategy	Optimal Outcome
2005	\$4.00	-\$100
2006	\$8.00	\$1,673
2007	\$4.00	-\$100
2008	\$4.00	-\$100
2009	\$8.00	\$106,715
2010	\$4.00	-\$100
2011	\$4,00	-\$100
2012	\$8.00	\$78,885
2013	\$8.00	\$35,687
2014	\$4.00	-\$100
	Total	\$224.137
	per cow	\$128.08
	per cwt	\$0.56

For small producers it would	_
have been all or nothing	_
	_
	_

What Do We Learn?



- C) Like my daughter, one foot is on the brake and one on the gas... and one foot or the other is all the way down.
- Problem is, we don't know with certainty what the future will be.

We Aren't Clueless Actual and Forecast Dairy Production Margin 516.00 S16.00 S16.0

. ,	· · ·		
		EM	

dairy markets. org	_
fsa.usda.gov	
Decision Tools - Forecast usu	 a[l
have market direction correct	
underestimate the extreme	hīg
•	

If We Picked Advanced Strategy

			l l	
Year	Advance Strategy	Advance Outcome		
2005	\$4.00	-\$100		
2006	\$4,00	-\$100		
2007	\$6.00	-\$2,080		
2008	\$6.00	-\$2,080		
2009	\$8,00	\$106,715		
2010	\$4.00	-\$100		
2011	\$8.00	-\$16,209		
2012	\$6.50	\$48,004		
2013	\$6,50	\$14,930	s. Nads	-wt
2014	\$4.00	-\$100	NIM S	7.C
			" pistif	Agr.
		V	K. 00.	
	Total	\$148,880	128.0	>
	. per cow	\$85.07	128.0	>
	per cwt	\$0.37		

~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Dairy	Prod	uct I	Donation	Program
---	-------	------	-------	----------	---------

- Must be operational no later than 120 days after the margin program begins
- When the margin is less than 4.00 for the two preceding months, this feature becomes operational
- Secretary purchases dairy products at prevailing market prices and distributes to public and private nonprofits assisting low-income households. Cannot hold/store purchases.
- This program suspended:
 After three months of operation
 Margins move above \$4.00
 Margins between \$3.00 & \$4.00 AND U.S. prices exceed world prices by more than 5%
 Margins less than \$3.00 AND U.S. prices exceed world prices by more than 7%
- O Program will shorten low margin periods but cost more than paying indemnities

.. Observations...

- O Program will support larger dairies much better than
- $\, \cap \,$ Program will require some decisions and some "skin in the game"
- It will reduce income risk `
- :) Less risk will produce more milk in the long-run

	•
J	
•	

Conclusions...

- O Need to think about:
 - :) Your risk-bearing ability (high versus low leverage)
 - Your risk preferences (love the thrill, or can't sleep at night)
 - Am I a small farm or a larger farm (cost of premiums makes a difference)
- O Do you need other forms of coverage:
 - . LGM-Dairy vs MPP-Dairy
 - n MPP-Dairy plus forward contracts or futures
- MPP Dairy will be a very helpful tool, but it's no substitute for good management





For More Information

http://DairyMarkets.org

LGM-Dairy is an insurance product. Mpp. Dairy is insurance-like

- * premiums change every year
- k enrollment available every month
- * only certain amount of subsidies available orace out it is gone.

MPP. Dairy. could get payment every 2 mo.