

Ethanol and Milk Price History - An apparent collision.

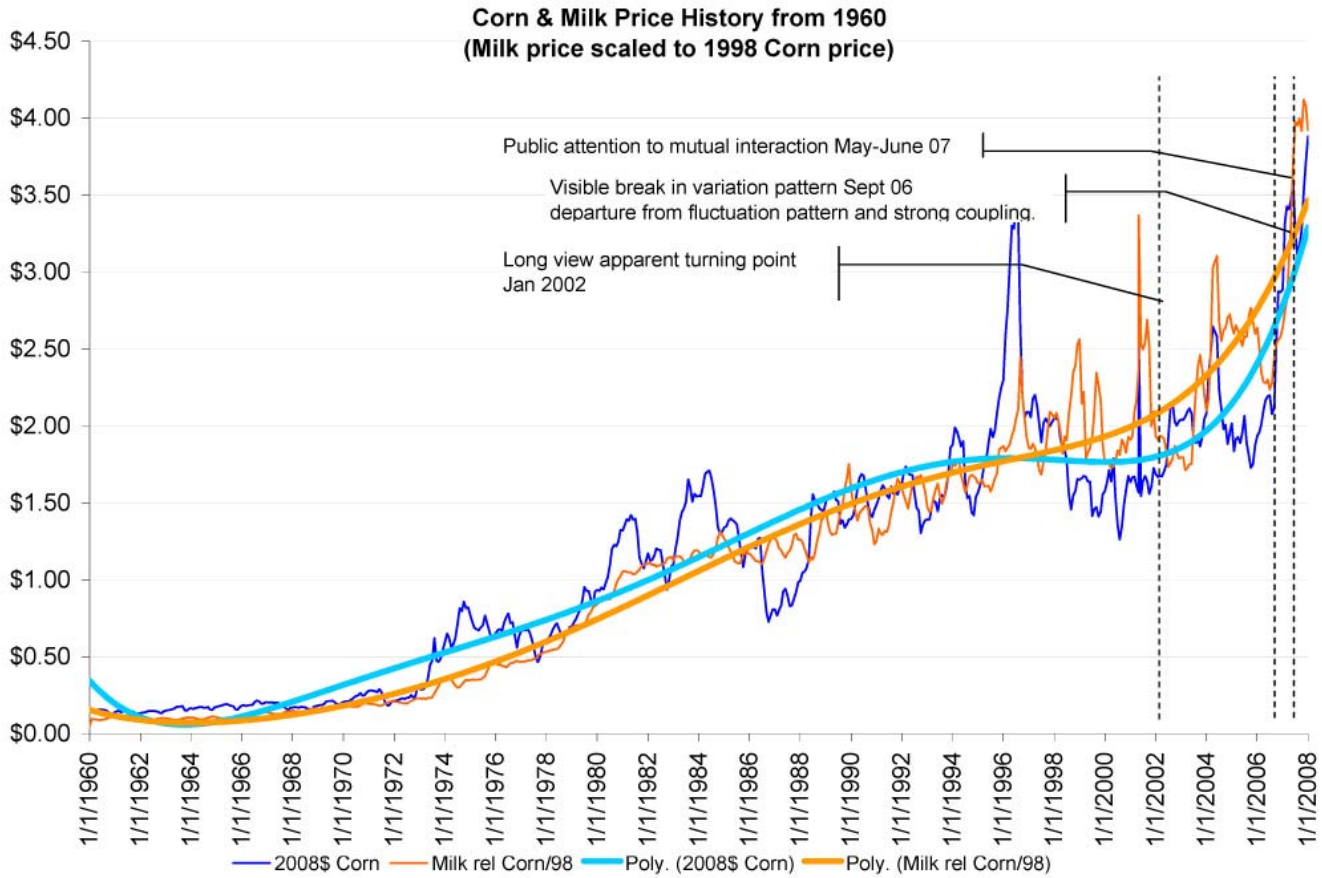
I. Intro

A. This is a raw research document, text data and prelim graph pages

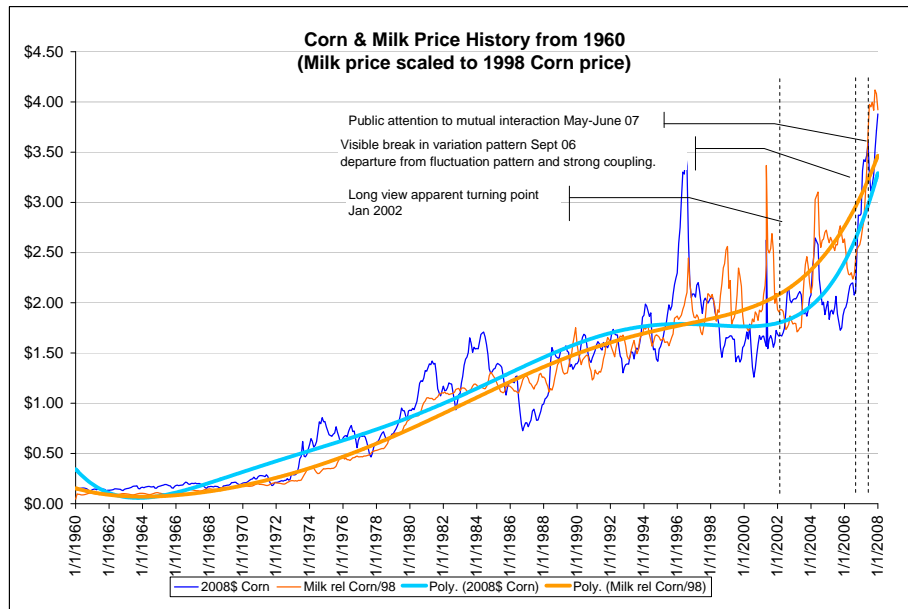
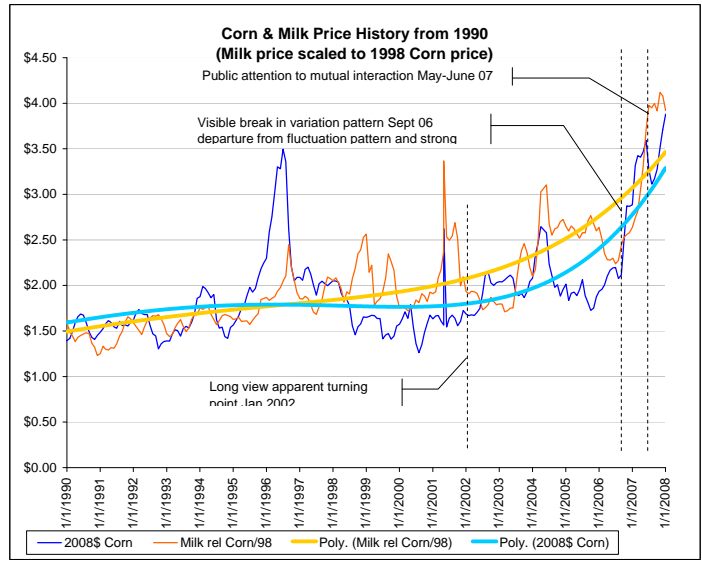
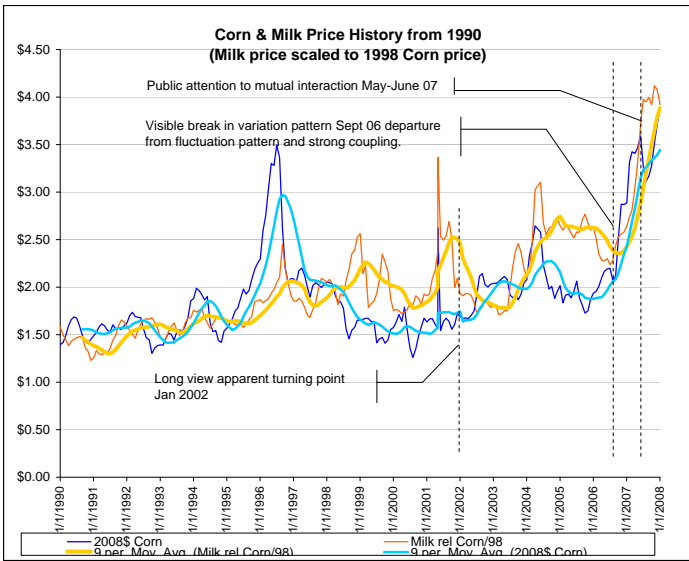
B. A search on the NY Times web site for articles and blogs containing Ethanol+Milk+Price produce the following tables of 70 blog entries and 21 articles. The links take you to the text on the Times site. The dates were copied to EthMilkPr.xls and the article frequencies graphed, showing sharp spikes in April 2007 in articles and spikes in the blog entries two months later in June and then in Jan 2008. The corn and milk prices published for Illinois from 1960 were then graphed and added

C. The 'hypothesis' being considered is that the expectation that large and continually increasing amounts of productive land would be available for biofuels without a reaction from their present users, and that crossed one of those 'invisible' lines and triggered a price war.

1. <http://www.synapse9.com/issues/EthMilkPr.pdf>



Monthly Illinois State Milk and Corn Prices from 1960 to 2008



A significant increase in corn price volatility developed in the early 1970's and milk price volatility the early 1990's. That volatility disguises the take-off point of the simultaneous price explosion that becomes visible in 2007. We might call this the global warming effect, as it seems primarily resulting from the reaction of milk prices to increasing demand for productive land for agricultural bio-fuels, though that is not demonstrated by just the visible coupling.

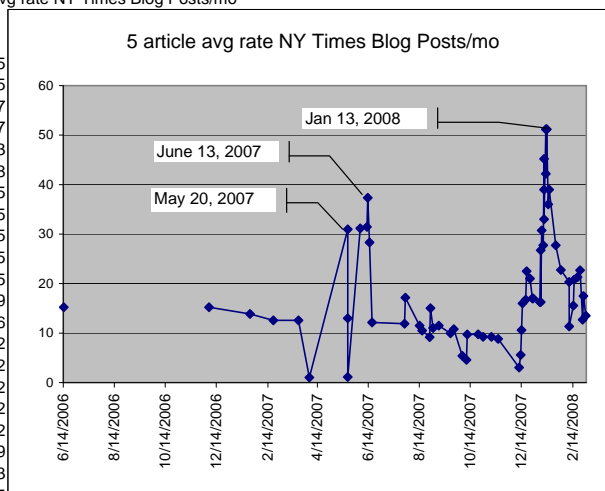
From a chart of historical data like this there is no good way to tell if the peaks of 2008 will reverse like the corn price peak of 1997. To know whether the present trend is reversible or not you need to know what is physically shifting, and whether the increased demand for corn, and rising price for milk apparently to block corn's take-over, is cyclic or permanent.

p.h.

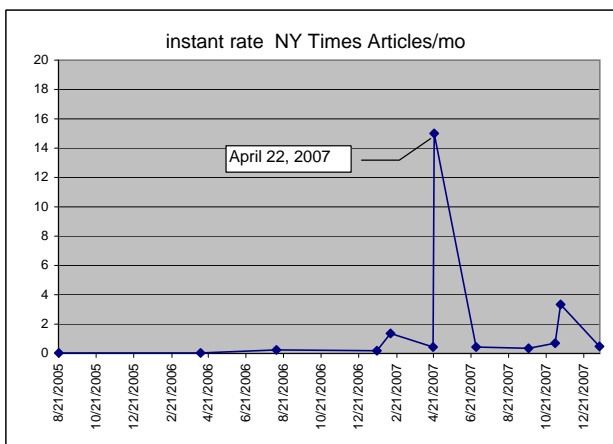
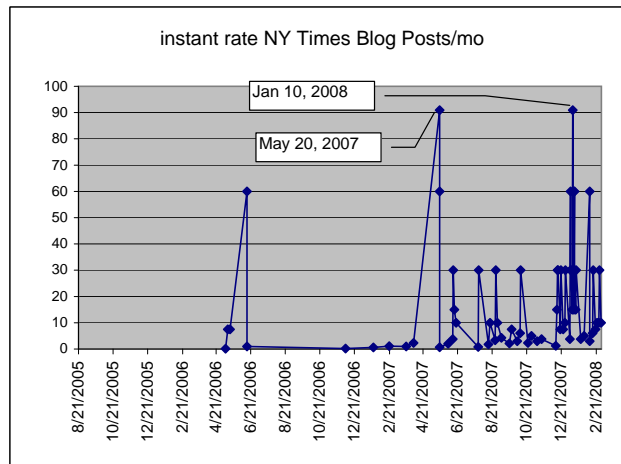
Milk Ethanol Price

NYT Blogs articles

days apart	adj	instant rate	5 article avg rate	NY Times Blog Posts/mo
2/29/2008	3	3	10	
2/26/2008	1	1	30	
2/25/2008	3	3	10	13.5
2/22/2008	3	3	10	17.5
2/19/2008	4	4	7.5	12.7
2/15/2008	1	1	30	22.7
2/14/2008	5	5	6	21.3
2/9/2008	0	0.5	60	20.8
2/9/2008	10	10	3	15.55
1/30/2008	6	6	5	20.35
1/24/2008	8	8	3.75	11.35
1/16/2008	1	1	30	22.75
1/15/2008	2	2	15	27.75
1/13/2008	0	0.5	60	39
1/13/2008	1	1	30	36
1/12/2008	0	0.5	60	51.18182
1/12/2008	2	2	15	51.18182
1/10/2008	0	0.33	90.90909	51.18182
1/10/2008	0	0.5	60	42.18182
1/10/2008	1	1	30	45.18182
1/9/2008	2	2	15	39
1/7/2008	1	1	30	33
1/6/2008	0	0.5	60	27.75
1/6/2008	1	1	30	30.75
1/5/2008	8	8	3.75	26.75
12/28/2007	1	1	30	16.25
12/27/2007	3	3	10	16.25
12/24/2007	4	4	7.5	17
12/20/2007	1	1	30	17
12/19/2007	4	4	7.5	21
12/15/2007	1	1	30	22.5
12/14/2007	1	1	30	16.74
12/13/2007	2	2	15	15.99
12/11/2007	25	25	1.2	10.59
11/16/2007	8	8	3.75	5.59
11/8/2007	10	10	3	3.051538
10/29/2007	6	6	5	8.811538
10/23/2007	13	13	2.307692	9.261538
10/10/2007	1	1	30	9.261538
10/9/2007	5	5	6	9.761538
10/4/2007	10	10	3	9.728571
9/24/2007	4	4	7.5	4.585714
9/20/2007	14	14	2.142857	5.385714
9/6/2007	7	7	4.285714	10.78571
8/30/2007	3	3	10	9.952381
8/27/2007	1	1	30	11.52381
8/26/2007	9	9	3.333333	11.01961
8/17/2007	3	3	10	15.01961
8/14/2007	17	17	1.764706	9.173454
7/28/2007	1	1	30	10.50679
7/27/2007	39	39	0.769231	11.50679
6/18/2007	3	3	10	17.15385
6/15/2007	2	2	15	11.90385
6/13/2007	1	1	30	12.15
6/12/2007	8	8	3.75	28.33182
6/4/2007	15	15	2	37.33182
5/20/2007	0	0.33	90.90909	31.46225
5/20/2007	0	0.5	60	31.17379
5/20/2007	46	46	0.652174	30.97379
4/4/2007	13	13	2.307692	13.00626
3/22/2007	30	30	1	1.128708
2/20/2007	28	28	1.071429	1.032756
1/23/2007	49	49	0.612245	12.57122
12/5/2006	174	174	0.172414	12.57122
6/14/2006	0	0.5	60	13.85693
6/14/2006	30	30	1	15.23448
5/15/2006	4	4	7.5	15.22317
5/11/2006	4	4	7.5	
5/7/2006	259	259	0.11583	
8/21/2005				



instant rate	instant rate	instant rate	
1/15/2008	63	63	0.47619
11/13/2007	9	9	3.333333
11/4/2007	43	43	0.697674
9/22/2007	85	85	0.352941
6/29/2007	68	68	0.441176
4/22/2007	2	2	15
4/20/2007	69	69	0.434783
2/10/2007	22	22	1.363636
1/19/2007	163	163	0.184049
8/9/2006	123	123	0.243902
4/8/2006	909	909	0.033003
8/21/2005	909	909	0.033003
10/12/2003	43	43	0.697674
8/30/2003	979	979	0.030644
12/24/2000	360	360	0.083333
12/30/1999	3384	3384	0.008865
9/24/1990	780	780	0.038462
8/5/1988	7	7	4.285714
7/29/1988	2	2	15
7/27/1988	1	1	30
3/2/1984	1607	#REF!	#REF!



Date	Source	Subject	Pg	Val	Research Note / Quote
3/8/08	Email				<p>The interesting thing is that there are two distinct spikes in the blog postings, June 13, 2007 and Jan 13, 2008, with only a low level trickle of interest before. The earliest indication there might be a conflict between established land uses and ever expanding conversion of land for energy production was articles only two days apart on April 20 & 22 of 2007.</p> <p>...so, for the "chattering classes", these kinds of majestically colliding evolutionary forces seem to come as a) a big surprise and b) a passing fancy,</p>

II. Blog Entries found March 05, 2008 10:07 PM

ymd-Date	Title	Quote 1	Quote 2	Link
2008/02/29	Backpedaling Begins After Bushs Remark on Gas - The Lede ...	Gallon of milk, gallon of gas, gallon of blood—it's all the same, right?	When W was in Brazil last year talking Ethanol, a bearded old timer in and ...	http://thelede.blogs.nytimes.com/2008/02/29/bush-gas-remark/
2008/02/26	The Failure of Using Corn as Fuel - Bitten - Dining & Wine - New ...	If the entire national corn crop were used to make ethanol, it would replace a	mere 7 But think of it as sticking a drinking straw into a milk shake. ...	http://bitten.blogs.nytimes.com/2008/02/26/the-failure-of-using-corn-as-fuel/
2008/02/25	About That Raise Youre Not Getting . . . - The Board - Editorials ...	The economy is like non-homogenized milk. The policies of tax cuts for the ...	drives corn into ethanol since high oil prices make this more economical. ...	http://theboard.blogs.nytimes.com/2008/02/25/about-that-raise-youre-not-getting/
2008/02/22	Demon ethanol - Paul Krugman - Op-Ed Columnist - New York Times Blog	The problem isn't ethanol or even the rising price of oil, it's our reliance ...	because it was gas that first went up 30%, followed by the price of milk. ...	http://krugman.blogs.nytimes.com/2008/02/22/demon-ethanol/
2008/02/19	Feeling a bit peaked - Paul Krugman - Op-Ed Columnist - New York ...	Add: I took oil price and CPI data from FRED, the Federal Reserve Bank of St.	..... in which Bush made ethanol the centerpiece of his energy strategy: ...	http://krugman.blogs.nytimes.com/2008/02/19/feeling-a-bit-peaked/
2008/02/15	Pushing on a string - Paul Krugman - Op-Ed Columnist - New York ...	Big price increases in raw inputs always finds its way back to the consumer.	impact on net income when ,milk AND gasoline cost the same per gallon. ...	http://krugman.blogs.nytimes.com/2008/02/15/pushing-on-a-string/
2008/02/14	Overselling Overmedication - Judith Warner - Domestic Disturbances ...	Not that I support the high prices of drugs - but the pharmaceutical companies	do need to milk the last ounce of energy out of overworked employees. ...	http://warner.blogs.nytimes.com/2008/02/14/overselling-overmedication/
2008/02/09	Environment - Wheels - Autos - New York Times Blog	Some critics also argue that increased corn ethanol output leads to higher food	prices at the grocery store, but the link is less clear. ...	http://wheels.blogs.nytimes.com/tag/environment/
2008/02/09	George the unlucky (and poor Ben, too) - Paul Krugman - Op-Ed ...	Let them drink milk. Egads - now it's as costly as gasoline! ... in which Bush	made ethanol the centerpiece of his energy strategy: "Before the State of the ...	http://krugman.blogs.nytimes.com/2008/02/09/george-the-unlucky-and-poor-ben-too/
2008/01/30	The Dire Side of Rising Food Prices - The Lede - Breaking News ...	In Haiti, the prices of rice, beans, condensed milk and fruit have ballooned by	around 50 ... Other reasons for the food price rise are the ethanol fetish, ...	http://thelede.blogs.nytimes.com/2008/01/30/the-dire-side-of-rising-food-prices/
2008/01/24	Memory Refill - Judith Warner - Domestic Disturbances - Opinion ...	I too marked my march to adulthood by my coffee-to-milk ratio. In Brazil	ethanol may move the cars, but it is coffee that moves both drivers and ...	http://warner.blogs.nytimes.com/2008/01/24/memory-refill/
2008/01/16	2008 January - Laugh Lines - Humor - New York Times Blog	That's as un-American as making ethanol out of sugar cane. Nano car	Aired Tuesday night on CBS: The price of milk has gone up 36 percent. ...	http://laughlines.blogs.nytimes.com/2008/01/16/
2008/01/15	F.D.A. Tries to Convince a Skeptical Public on Cloned Food - The ...	Where is the evidence that the clone of a price-winning milk cow is as	lead to aquatic cows so we could devote more farmland to ethanol production. ...	http://thelede.blogs.nytimes.com/2008/01/15/cloned-animals-safe-to-eat-fda-concludes/

2008/01/13	A Starting Point for Productive Climate Discourse - Dot Earth ...	The massive, abrupt switch to ethanol has caused severe economic damage to the	impoverished who must now pay double for milk powder and beans, ...	http://dotearth.blogs.nytimes.com/2008/01/13/a-starting-point-for-productive-climate-discourse/
2008/01/13	BET Founder Slams Obama in South Carolina - The Caucus - Politics ...	She is gonna have to pay the price for it. That is the reason why Obama want	..... coach when he ran for office so he would know how to milk the camera and ...	http://thecaucus.blogs.nytimes.com/2008/01/13/bet-chief-raps-obama-in-sc/
/2008/01/12	Whale Hunters Hunted - Dot Earth - Climate Change and ...	We are so biased that we think that milk is a good food for adults while	Price of whale meat found on internet shops(whale meat is not always on the ...	http://dotearth.blogs.nytimes.com/2008/01/12/whale-hunters-hunted/
2008/01/12	Whale Hunters Hunted - Dot Earth - Climate Change and ...	We are so biased that we think that milk is a good food for adults while nature	developed it Meat price information, just for giving you some idea. ...	http://dotearth.blogs.nytimes.com/2008/01/12/whale-hunters-hunted/?em&ex=1200286800&en=077d657aab73948b&ei=5087%0A
2008/01/10	On the Road Toward One Billion Cars - Dot Earth - Climate Change ...	I disagree that ethanol would be better—one billion cars running on ethanol	I'm buying this NANO car not because of its low price, but simply because ...	http://dotearth.blogs.nytimes.com/2008/01/10/on-the-road-toward-one-billion-cars/
2008/01/10	Tata Nano: The Worlds Cheapest Car - Wheels - Autos - New York ...	The Nano has an unbelievable price advantage over the Smart Car.	Where ethanol, biodiesel, electricity and Natural Gas will exist side by side with ...	http://wheels.blogs.nytimes.com/2008/01/10/tata-nano-the-worlds-cheapest-car/index.html?ref=business
2008/01/10	Tata Nano: The Worlds Cheapest Car - Wheels - Autos - New York ...	The Nano has an unbelievable price advantage over the Smart Car.	proper convertor to my petrol engine (which runs on switchgrass ethanol usually). ...	http://wheels.blogs.nytimes.com/2008/01/10/tata-nano-the-worlds-cheapest-car/
2008/01/09	Faulty E.P.A. Climate Math on California Car Plan - Dot Earth ...	I'll have some steamed milk with my CAFÉ standards, although it seems to me.....	With ethanol technology installed in new cars, the automakers will only ...	http://dotearth.blogs.nytimes.com/2008/01/09/faulty-epa-climate-math-on-california-car-plan/
2008/01/07	A Candidate Spurned - The Caucus - Politics - New York Times Blog	They'll be selling ethanol milk shakes at McDonald's before you see that man	..... Ultimately there was going to be a price to pay for the unseemly way the ...	http://thecaucus.blogs.nytimes.com/2008/01/07/a-candidate-spurned/
2008/01/06	The Candidates on Energy and (Briefly) Climate - Dot Earth ...	Jan 6, 2008 ... And look at the price now in New Hampshire 3.20 (dollars), something like that.	..... Alternative fuel is a must but is ethanol the key? ...	http://dotearth.blogs.nytimes.com/2008/01/06/the-candidates-on-energy-and-briefly-climate/
2008/01/06	Clinton on Obama and Edwards: Thats Not Change - The Caucus ...	Don't vote for an unknown CHANGE and pay an unknown price later, They'll	be selling ethanol milk shakes at McDonald's before you see that man again. ...	http://thecaucus.blogs.nytimes.com/2008/01/06/clinton-on-obama-and-edwards-thats-not-change/
2008/01/05	Is Huckabees Tax Plan Fair? - The Caucus - Politics - New York ...	The Fair Tax is a tax on the net price of the goods- 100 minus 22 average	a HOUSE, perscription drugs, jeans, milk etc. so the Additional \$3000 if I ...	http://thecaucus.blogs.nytimes.com/2008/01/05/huckabees-tax-plan-appeals-but-is-it-fair/
2007/12/28	Tragic by Design: Greatest Car Styling Blunders - Wheels - Autos ...	... I can look at without feeling like I do when I'm sniffing sour milk.	Considering the price tag of the Hummer, is that really a bad design choice? ...	http://wheels.blogs.nytimes.com/2007/12/28/tragic-by-design-greatest-car-styling-blunders/
2007/12/27	Christian Edstrom - Wheels - Autos - New York Times Blog	... cars that can be driven on E85, an ethanol-gasoline mix, get a credit for ...	With those numbers and a substantial price premium over, say, a comparable ...	http://wheels.blogs.nytimes.com/author/cedstrom/
2007/12/24	Seeking Suggestions, and Offering Seasons Greetings - Dot Earth ...	Later I got a call that at least half of the protein was from milk. Nano solar	claims to compete with the price of coal. if not... ..	http://dotearth.blogs.nytimes.com/2007/12/24/seeking-suggestions-and-offering-seasons-greetings/
2007/12/20	Driving Tips From 68 Degrees North - Wheels - Autos - New York ...	... was nose down in a drift - and he never did get the bread and milk he set out	for! That's the price of living with winter no matter where you are. ...	http://wheels.blogs.nytimes.com/2007/12/20/driving-tips-from-68-degrees-north/
2007/12/19	Whats That Have to Do With the Price of Beer in Germany ...	For barley, the yields are a little lower worldwide, but a bigger cause of the	price increase is the madness over ethanol from corn. ...	http://freakonomics.blogs.nytimes.com/2007/12/19/whats-that-have-to-do-with-the-price-of-beer-in-germany/
2007/05/20	Oil Prices - Pipeline -	"As long as the dairy is	... truck that next year will	http://pipeline.blogs.nytimes.co

	Lisa Margonelli - Oil Industry - Opinion ...	getting milk, they'll have manure," said Kevin Best,	be available in a model that runs on ethanol. ...	m/tag/oil-prices/
2007/12/15	Move Over Kyoto Here Comes a Copenhagen Protocol - Dot Earth ...	supply for the production of ethanol will drive up the prices of almost all our	corn-derived groceries: meat, milk and many packaged products ...	http://dotearth.blogs.nytimes.com/2007/12/15/move-over-kyoto-here-comes-a-copenhagen-protocol/
2007/12/14	Why negative equity matters - Paul Krugman - Op-Ed Columnist - New ...	In the land of milk and honey (CA) price drops of \$100K are very common. ...	in which Bush made ethanol the centerpiece of his energy strategy: "Before the ...	http://krugman.blogs.nytimes.com/2007/12/14/why-negative-equity-matters/
2007/12/13	Will That Be Skim in Your CAFE? - Wheels - Autos - New York Times Blog	So a car with a base price of \$30000 and a mixed-use fuel economy of 32 m.p.g.	... the provisions mandating ethanol use are just as poorly thought out. ...	http://wheels.blogs.nytimes.com/2007/12/13/will-that-be-skim-in-your-cafe/
2007/12/11	Energy, an Ingredient in Local Food and Global Food - Dot Earth ...	Milk prices increase because corn for ethanol requirements mean that there is	less corn to feed cattle. It all ripples through with many unintended (or were ...	http://dotearth.blogs.nytimes.com/2007/12/11/energy-an-ingredient-in-local-food-and-global-food/
2007/11/16	Open Caucus: The Voters on the Debate - The Caucus - Politics ...	One billion dollars, the price tag of FutureGen, buys almost 1 gigawatt of	crops being made into ethanol and with gas over \$3 a gallon, milk almost ...	http://thecaucus.blogs.nytimes.com/2007/11/16/open-caucus-the-voters-on-the-debate/
2007/11/08	Daddy Wars - Judith Warner - Domestic Disturbances - Opinion - New ...	For many, there is a big professional and economic price to be paid for	Ideally, babies should have breast milk for the first year of their lives. ...	http://warner.blogs.nytimes.com/2007/11/08/daddy-wars/
2007/10/29	Time for Supermarkets to Recycle Plastic Bags? - City Room - Metro ...	The price is high enough that you eventually remember next time to bring one,	..... many ie. ethanol, recycling, etc. may not pass the test in all cases. ...	http://cityroom.blogs.nytimes.com/2007/10/29/time-for-supermarkets-to-recycle-plastic-bags/
2007/10/23	Wildfires in California - News - Readers' Comments - New York ...	If & when we switch from fossil fuels to cellulosic ethanol people will be	residents will cry crocodile tears then milk their insurance companies and ...	http://news.blogs.nytimes.com/2007/10/23/wildfires-in-california/
2007/10/10	Truth Squad of Claims by Romney and Giuliani - The Caucus ...	He refused to endorse ethanol in Iowa because, even though he wants the presidency,	.... Speakers of English may not be able to MILK a cow, BONE a fish, ...	http://thecaucus.blogs.nytimes.com/2007/10/10/a-truth-squad-of-claims-by-romney-and-giuliani/
2007/10/09	Live-Blogging the Republican Debate - The Caucus - Politics - New ...	All we do is sit here promote ethanol as food prices climb and then don't	The cost of everything from milk to gas has gone up - and our salaries are ...	http://thecaucus.blogs.nytimes.com/2007/10/09/live-blogging-the-republican-debate/
2007/10/04	Shifting Habits - Wheels - Autos - New York Times Blog	But then, I can't ride a horse either, or milk a cow, or program in Fortran,	..... Price is the only thing keeping "neutrals" from buying autos. ...	http://wheels.blogs.nytimes.com/2007/10/04/shifting-habits/
2007/09/24	Corn Ethanol: Biofuel or Biofraud? - Wheels - Autos - New York ...	Corn ethanol production also affects the price of other food crops such as wheat	..... and drink the milk those animals produce from the corn we feed them. ...	http://wheels.blogs.nytimes.com/2007/09/24/corn-ethanol-biofuel-or-biofraud/
2007/09/20	The Rebirth of the Electric Car - Pogue's Posts - Technology - New ...	Previous comments pointed out the artificiality of promoting ethanol	If oil price goes to \$1000 or \$2000 a barrel, the milk will cost \$50 a gallon. ...	http://pogue.blogs.nytimes.com/2007/09/20/the-rebirth-of-the-electric-car/
2007/09/06	Ethanol and the Tortilla Tax - Wheels - Autos - New York Times Blog	Sep 8, 2007 ... Corn prices have risen significantly in 2007 as ethanol	is for animal feed, to get milk and dairy products and Beef. ...	http://wheels.blogs.nytimes.com/2007/09/06/ethanol-and-the-tortilla-tax/
2007/08/30	2008 Honda Accord Is a Game-Changer - Wheels - Autos - New York ...	Like the Honda Z coupe, it's hard to beat at any price. it was made of	one big hunk of recycled plastic milk jugs with a tinge of gray added to it. ...	http://wheels.blogs.nytimes.com/2007/08/30/2008-honda-accord-is-a-game-changer/
2007/08/27	Trans Fats and Americas Obesity Problem - The Lede - Breaking News ...	The obesity epidemic is the price we're paying for women thinking	we are really lucky, the extra corn might go the production of ethanol. ...	http://thelede.blogs.nytimes.com/2007/08/27/trans-fats-and-americas-obesity-problem/
2007/08/26	Blowin in the Wind - Stanley Fish - Think	These are farmers who were struggling selling	sold in	http://fish.blogs.nytimes.com/2007/08/26/blowin-in-the-wind/

	Again - Opinion - New ...	milk at the same price as it was	produces as it produces, ...	
2007/08/17	Market Troubles - News - Readers' Comments - New York Times Blog	Yeah, our company's share price has taken a hit BECAUSE of the market not	from the energy sector and the ridiculous gold rush into Ethanol,both of ...	http://news.blogs.nytimes.com/2007/08/17/market-troubles/
2007/08/14	It Keeps Falling Apart - Floyd Norris - Business - New York Times Blog	(2) higher gasoline prices (3) higher heating bills (4) rapidly rising food costs	because of the ridiculous push for ethanol which is not even as fuel ...	http://norris.blogs.nytimes.com/2007/08/14/it-keeps-falling-apart/
2007/07/28	Clinton-Obama Duel Keeps Rocking - The Caucus - Politics - New ...	Let us have a real debate and not this "Price is Right" atmosphere. The fact	that Clinton camp tries to milk every nuance out of the words "I would" ...	http://thecaucus.blogs.nytimes.com/2007/07/28/clinton-obama-duel-keeps-rocking/
2007/07/27	Circling Back: Falai - Diner's Journal - Dining & Wine - New York ...	The rent, the utilities and the fact that beef cost more than ever because ethanol	has jacked the price of beef higher than it already was. ...	http://dinersjournal.blogs.nytimes.com/2007/07/27/circling-back-falai/
2007/06/18	Hurray For High Gas Prices! - Freakonomics - Opinion - New York ...	Also we should do everything we can to transfer over to 100% ethanol and ...	to by that loaf of bread and gallon of milk or get a gallon or two of gas. ...	http://freakonomics.blogs.nytimes.com/2007/06/18/hurray-for-high-gas-prices/
2007/06/15	Inflation Soars But Wall Steet Ignores It - Floyd Norris ...	After all, prices of corn, which is used in a great deal of food products, are	rising because corn is now used as an input to making ethanol. ...	http://norris.blogs.nytimes.com/2007/06/15/inflation-soars-but-wall-steet-ignores-it/
2007/06/13	Dont Buy Local! - Basic Instincts - Opinion - New York Times Blog	The most stupid idea is making ethanol fuel from corn. resulting in an increase	in price because of higher demand. Instead. we should drop the tariff on ...	http://conniff.blogs.nytimes.com/2007/06/13/dont-buy-local/
2007/06/12	Frugal Traveler: Tell Matt Where to Go in Wisconsin and Iowa ...	This includes an ethanol plant, soybean plant, and the new Wild Rose Casino	Eat some cheese curds, feed a calf milk from a bottle, and visit OZ. ...	http://frugaltraveler.blogs.nytimes.com/2007/06/12/frugal-traveler-tell-matt-where-to-go-in-wisconsin/
2007/06/04	To Spray or Not to Spray - TierneyLab - Science - New York Times Blog	High levels of DDT in the blood cause lower breast milk production—see the	but are you saying that despite the world price in lives lost to malaria, ...	http://tierneylab.blogs.nytimes.com/2007/06/04/to-spray-or-not-to-spray/
2007/05/20	Pipeline - Lisa Margonelli - Oil Industry - Opinion - New York ...	In 1976, the posted price of Saudi crude oil was \$12.37 a barrel for the	to make the equivalent of methadone for oil cellulosic ethanol which I ...	http://pipeline.blogs.nytimes.com/
2007/05/20	The Beauty of the Oil Market - Pipeline - Lisa Margonelli - Oil ...	In 1976, the posted price of Saudi crude oil was \$12.37 a barrel for the	to produce a gallon of ethanol (think gasoline to power the harvesters that ...	http://pipeline.blogs.nytimes.com/2007/05/20/the-beauty-of-the-oil-market/
2007/04/04	Money Talks - The Caucus - Politics - New York Times Blog	... carry enough money with him to even pay for a blueberry pie or milk.	to grow corn for ethanol—nor should corn prices for ethanol drive corn-diet ...	http://thecaucus.blogs.nytimes.com/2007/04/04/money-talks-2/
2007/03/22	The Year Without Toilet Paper - News - Readers' Comments - New ...	I bet that getting that organic milk to market consumes just as much	I'd be willing to lift the ethanol taxes, since corn costs more and produces ...	http://news.blogs.nytimes.com/?p=174
2007/02/20	A Fungus Brings Dinosaurs Fate to Frogs - The Lede - Breaking News ...	Bees are also very important, for our goals of using ethanol based fuel will	..... until they milk us for everything or can monopolise that new market too. ...	http://thede.blogs.nytimes.com/2007/02/20/a-fungus-brings-dinosaurs-fate-to-frogs/
2007/01/23	Caucus Survey: The State of Us - The Caucus - Politics - New York ...	Jan 23, 2007 ... When the price of gasoline goes up, consumers want better gas mileage.	Upping the use of Ethanol at the cost of fuel for tractors and ...	http://thecaucus.blogs.nytimes.com/2007/01/23/caucus-survey-the-state-of-us/
2006/12/05	Americas Breadbasket Moves to Canada? - The Lede - Breaking News ...	Dec 5, 2006 ... Let's also not forget that all the lobbying for ethanol is just, fed to	the milk-cows who enjoy it especially in the green stages; ...	http://thede.blogs.nytimes.com/2006/12/05/americas-breadbasket-moves-to-canada/
2006/06/14	Michael Pollan - Opinion - New York Times Blog	So by the time your "green" raw material arrives at the ethanol	..... This is the sort of milk we're going to see a lot more of in our ...	http://pollan.blogs.nytimes.com/

		plant, it is already		
2006/06/14	My Letter to Whole Foods - Michael Pollan - Opinion - New York ...	The issues in pastured meat and milk are similar in some ways, different in	and wherever I go, people are talking about the promise of ethanol. ...	http://pollan.blogs.nytimes.com/?p=28
2006/05/15	Wal-Mart Goes Organic: And Now for the Bad News - Michael Pollan ...	To supply the burgeoning demand for cheap organic milk, agribusiness companies	..... and wherever I go, people are talking about the promise of ethanol. ...	http://pollan.blogs.nytimes.com/?p=21
2006/05/11	Why Eating Well Is Elitist - Michael Pollan - Opinion - New York ...	For farm subsidies to affect the price of junk food requires first that	of corn as ETHANOL now (which is incidently adding cost and less efficiency to ...	http://pollan.blogs.nytimes.com/2006/05/11/why-eating-well-is-elitist/
2006/05/07	Voting With Your Fork - Michael Pollan - Opinion - New York Times Blog	The ultra-pasteurized milk or the raw? The farmed fish or the wild?	than a gallon of gasoline to create a gallon of ethanol, by Pimentel and Patzek, ...	http://pollan.blogs.nytimes.com/?p=16
2005/08/21	Peak Oil: Welcome to the medias new version of shark attacks ...	In my own country, ethanol from sugarcane constitutes some 50% of the fuel ...	It is not that oil will disappear, rather that to meet demand the price will ...	http://freakonomics.blogs.nytimes.com/2005/08/21/peak-oil-welcome-to-the-medias-new-version-of-shark-attacks/

III. Articles found March 05, 2008 11:15 PM

ymd-Date	Title	Quotes	Date, author, section, length
2008/01/15	Commodities' Relentless Surge	...way, driving up the price of steel. As fuel...the United States and Brazil look for alternatives...like biofuels. The ethanol boom in the Midwest has driven up the price of corn. Since corn...the prices of meat and milk have followed. The...	January 15, 2008 - By CLIFFORD KRAUSS - Business - 1252 words
2007/11/13	In Farm Belt, Ethanol Plants Hit Resistance	...a moment of tumult for the ethanol industry. In recent months, an enormous supply of ethanol has glutted the market, sinking its price and sending a chill through the ethanol boom. At least three proposed...	November 13, 2007 - By MONICA DAVEY - Front Page - 1292 words
2007/11/04	THE PERILS OF PETROCRACY	...be bought at those prices, and consumers must pay double the price in a street market. Or the...forced out of business by price controls. Beans and sugar were hard to find cheaply...Caracas in September; fresh milk and eggs hard to find at all...	November 4, 2007 - By TINA ROSENBERG - Magazine - 7441 words
2007/09/22	The Value of Ethanol	...High Cost of Ethanol!" (editorial...be left with a price tag it shouldn't...addiction to oil (and market factors specific to wheat, milk and other products...growing use of ethanol. By a factor...compared with the price of grains. In...	September 22, 2007 - Opinion - 313 words
2007/06/29	OP-ED CONTRIBUTOR; Don't Cry Over rBST Milk	...Strong demand and limited ability...prices more, and experts have speculated that the price per gallon could...corn-based ethanol production are...produce more milk. Worldwide...Nations Food and Agriculture Organization's price index of traded...	June 29, 2007 - By HENRY I. MILLER - Opinion - 963 words
2007/04/22	THE WAY WE LIVE NOW: 4-22-07; You Are What You Grow	...added sugars (derived from corn) and added fats (derived mainly from soy), as well as dirt-cheap meat and milk (derived from both). By comparison...your supermarket, where the real price of fruits and vegetables between 1985 and 2000...	April 22, 2007 - By Michael Pollan - Health - 2209 words
2007/04/20	Organic Milk Supply Expected to Surge as Farmers Pursue a Payoff	...convert to organic milk production, and it is largely because...selling organic milk. The high cost...their crops to make ethanol. Mr. Siemon of...organic farmers and discourage conventional...viability of organics and the price point that farmers...	April 20, 2007 - By ANDREW MARTIN - Business - 1174 words
2007/02/10	India Finds Its Economy on the Verge of Overheating	...some amount of price regulation...political commentator and marketing consultant...Mumbai, shopped for milk this week in a...complained that she and her husband had...Wholesale price inflation has accelerated...crops to produce ethanol and a higher cost...	February 10, 2007 - By KEITH BRADSHER - Business - 1507 words
2007/01/19	THE FOOD CHAIN: A New, Global Oil Quandary: Costly Fuel	...Pakistan over wheat shortages, and in Indonesia over soybean shortages...rice exports to keep food at home, and China has put price controls on cooking oil, grain,	January 19, 2008 - By KEITH BRADSHER; Contributing reporting were

	Means Costly Calories	meat, milk and eggs. According to the F.A...	Andrew Martin in New York, Anand Giridharadas in Kale, India, and Michael Rubenstein in Mumbai. - Front Page - 1871 words
2006/08/09	Gasoline Prices. Still Rising. Alter the Habits of Many, but Far From All	...experts say that ethanol-gas mixtures...efficient as a fuel and may be leading...consumption. Some ethanol is in about a third...from last year. And the number of cars...supplies came down to milk -- at least this...public reaction to price increases -- a...	August 9, 2006 - By KIRK JOHNSON; Reporting for this article was contributed by Katie Zezima from Boston, Katie Kelley from Denver, Thayer Evans from Houston, Regan Morris from Los Angeles and Michael Amon from West New York, N.J. - U.S. - 1067 words
2006/04/08	Now in the Rearview Mirror: Low Gasoline Prices	...ether, or MTBE, and replace it with ethanol by May. The Energy...barrels a day, which ethanol producers might not...a matter of supply and demand and there is...to pay the higher price is going to gain access...supermarket to buy milk."	April 8, 2006 - By JAD MOUAWAD - Business - 1285 words
2003/10/12	THE WAY WE LIVE NOW: 10-12-03; The (Agri)Cultural Contradictions Of Obesity	...prices soared, and before long so...prices for meat, milk, bread and other staple...drive down the price of food. Butz...comes at a high price: first there...developing world; and finally there...or turned into ethanol. Cheap corn...	October 12, 2003 - By Michael Pollan - Health - 3076 words
2003/08/30	Angry Drivers Fill It Up, Up, Up: Get Used to It, Analysts Say; Surging Fuel Prices May Persist	...also the price in Laguna...quart of milk. They...In Texas and the Gulf...much higher and my take...invested in ethanol, the corn...does the price of ethanol...gallons of ethanol a year...economics, and that means...the highest price ever if you...	August 30, 2003 - By DAVID BARBOZA - Business - 1486 words
2000/12/24	New Sprouts, Old Doubts for A.D.M.	...disease. A.D.M.'s fate also depends on the ethanol factor. The demand and price of ethanol have surged with higher gasoline prices and could go even higher if Congress bans M.T...	December 24, 2000 - By DAVID BARBOZA - Business - 3027 words
1999/12/30	Anti-Politician McCain Shows Political Skills	...becomes most animated and passionate. In...want to hear," and talked about how...spoken out against ethanol subsidies during...for to maintain milk prices favorable...think it raises the price for average citizens...stood up recently and told Mr. McCain...	December 30, 1999 - By ALISON MITCHELL - Front Page - 2137 words
1990/09/24	Proposals for a U.S. Energy Policy: Some Possible, Most Not	...than gasoline does. (Methanol and ethanol, two other alternative fuels...have held down demand for gas and therefore its price, removing an incentive for exploration...war with other OPEC producers and the price of a barrel dropped below \$10...	September 24, 1990, Monday - By MATTHEW L. WALD - Business - 3214 words
1988/08/05	Conferees Back a Drought Relief Bill	...payments for losses and other aid. The amount...15 Representatives and 9 Senators, also...the increase in the milk support price, which will end in...livestock, poultry and other food-producing...involving the nation's ethanol industry. The conferees...	August 5, 1988 - By KEITH SCHNEIDER, Special to the New York Times - U.S. - 818 words
1988/07/29	Big Drought Package for Farmers Clears Congress in Differing Bills	...Office of Management and Budget, reiterated...raised the support price of milk by four cents a gallon...starting next April and ending in June. On...providing manufacturers of ethanol as much as 16 million...difference in their price tags - concerns livestock...	July 29, 1988 - By KEITH SCHNEIDER, Special to the New York Times - Front Page - 1003 words
1988/07/27	Panel Votes for a Rise in Milk Prices	...as the market price for raw milk and serves to maintain...Olin of Virginia and Dan Glickman...the trends in milk production do...justification to gain price increases that...for subsidies and cheaper Government...agreed to provide ethanol producers with...	July 27, 1988 - By KEITH SCHNEIDER, Special to the New York Times - U.S. - 860 words
1988/07/26	RAIN REVIVES CROPS BUT EXPERTS SAY DROUGHT PERSISTS	...letter to the chairmen and ranking Republican members of the House and Senate Agriculture...subsidized grain to ethanol producers. Dairy...a reduction in the price of milk even as they received...Tennessee, the Dakotas and seven states in the...	July 26, 1988 - By KEITH SCHNEIDER, Special to the New York Times - Front Page - 1165 words
1984/03/02	'BUGS' THAT MAKE CHEMICALS	...into products for "food, feed and fuel," according to its vice...a concentrate for animal feeds and ethanol fuel. A	March 2, 1984 - By STEVEN J. MARCUS -

		Milk Substitute Stauffer Chemical also sees great promise in fermenting whey and has developed a product for the bakery... View free preview	Business - 1227 words
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