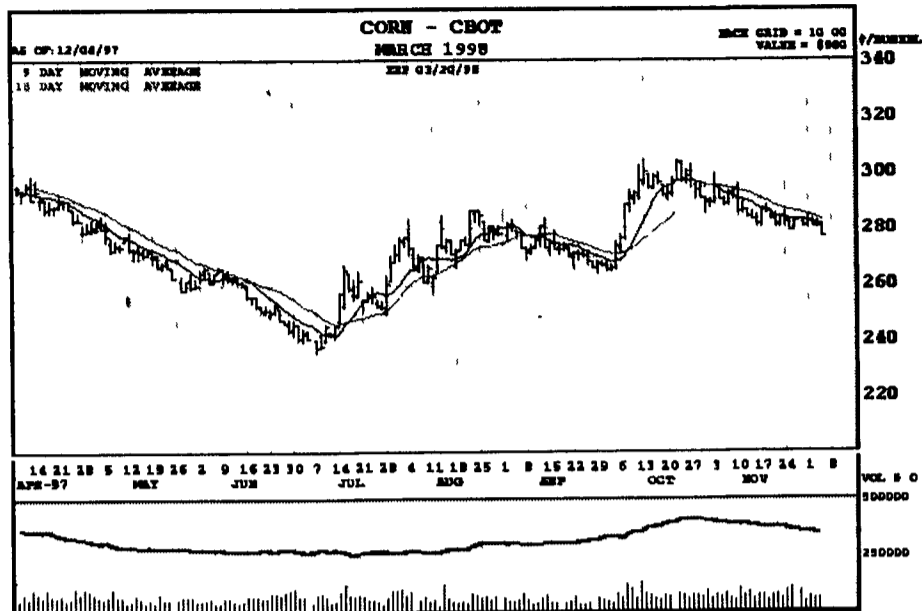


# GRAIN, CATTLE AND HOG FUTURES MARKETS

Markets Courtesy Of Chicago Board and Merchantile Exchange  
(Closing bids: Thursday, December 4, 1997)



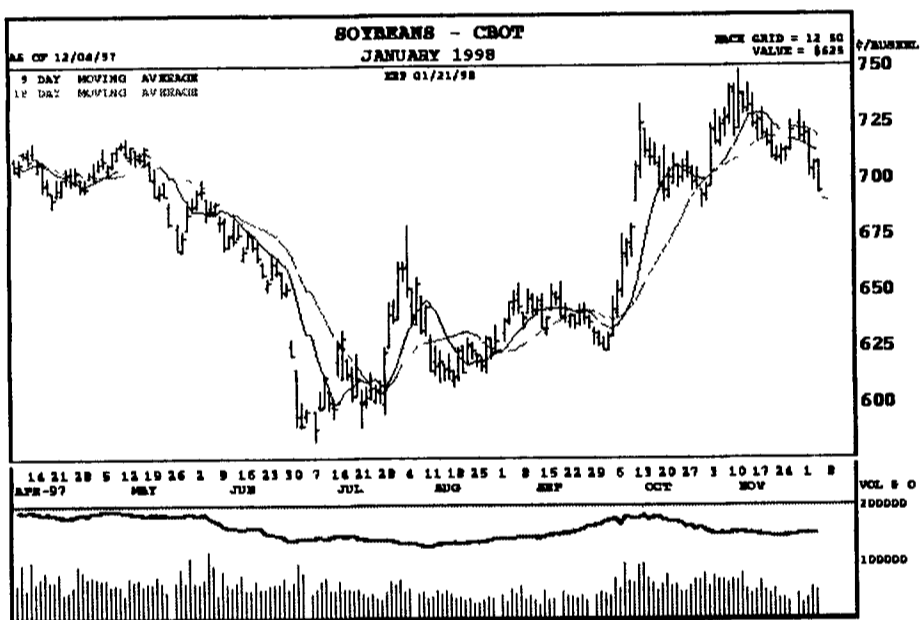
Stochastic			Relative Strength		
------------	--	--	-------------------	--	--

Symbol	Open	High	Low	Last	Chge
CH8 - 12/04/97	2806	2814	2766	2770	-36

---Moving Average---			---Momentum---				
Day	09	18	40	Day	09	18	40
	2811	2825	2891		-42	-166	-144

---Stochastic---			---Directional Indicator---				
Day	09	14	20	Day	09	14	20
Sto	2.86	2.27	1.37	ADX	12.92	11.90	15.81
%k	19.17	14.06	8.21	-DI	23.88	22.30	21.24
%d	23.53	16.61	10.38	+DI	14.60	18.05	20.86

---Relative Strength---			---Historic Volatility---				
Day	09	14	20	Day	09	14	20
	34.56	39.32	42.99		13.51%	14.26%	16.52%



Stochastic			Relative Strength		
------------	--	--	-------------------	--	--

Symbol	Open	High	Low	Last	Chge
SF8 - 12/04/97	7070	7074	6930	6940	-124

---Moving Average---			---Momentum---				
Day	09	18	40	Day	09	18	40
	7106	7173	7115		-150	-454	+232

---Stochastic---			---Directional Indicator---				
Day	09	14	20	Day	09	14	20
Sto	2.74	2.27	1.82	ADX	24.18	30.28	35.03
%k	20.16	14.49	18.79	-DI	26.73	22.29	19.54
%d	27.15	21.79	31.42	+DI	15.83	19.69	22.43

---Relative Strength---			---Historic Volatility---				
Day	09	14	20	Day	09	14	20
	32.84	40.93	46.20		16.22%	14.20%	18.69%

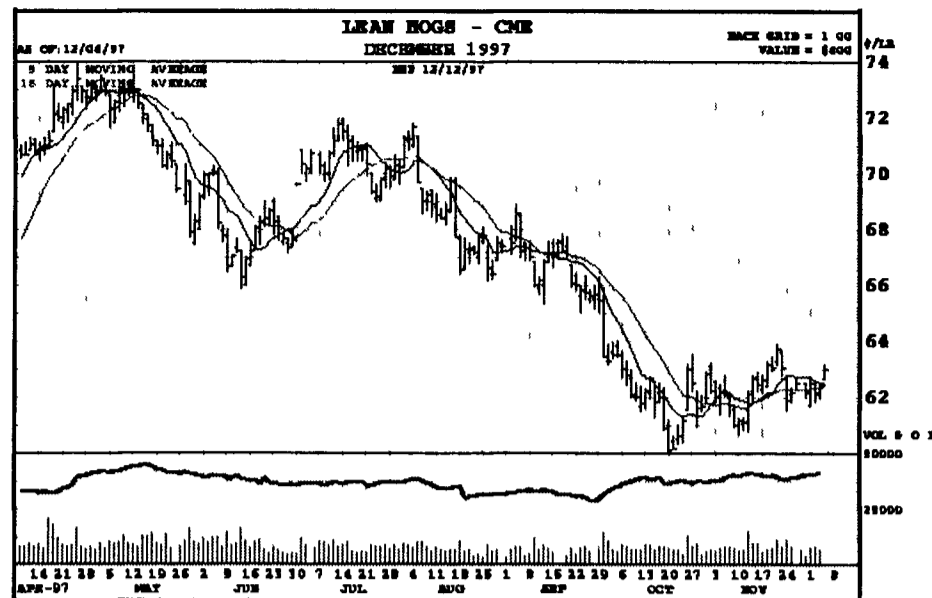
So. St. Paul, Mn Thursday December 4, 1997  
Chicago Board of Trade Grain Futures

Corn:				
Dec	2.67 3/4	dn 3 1/2	3.09 1/2	2.27 1/2
Mar	2.77	dn 3 1/2	3.04	2.36
May	2.84 1/4	dn 3	3.10	2.41 3/4
Jul	2.88 1/4	dn 3	3.15 1/2	2.45
Sep	2.83 1/4	dn 3 3/4	3.97	2.44

Oats:				
Dec	1.47 3/4	dn 1	1.83	1.43 3/4
Mar	1.57	dn 1 3/4	1.80	1.48 1/4
May	1.60 3/4	dn 1 3/4	1.82 1/2	1.57 1/2
Jul	1.64	dn 2	1.80	1.59 1/2

Soybeans:				
Jan	6.94	dn 12 1/2	7.52	5.83
Mar	6.97 1/2	dn 13 1/4	7.41	5.93
May	7.03	dn 12	7.45	6.01
Jul	7.05 1/2	dn 12	7.51	6.11 1/2
Aug	7.00 1/2	dn 11	7.40	6.42 1/2
Sep	6.82	dn 8	7.07	6.87
Nov	6.72	dn 9	6.95	6.76 1/2

Soybean Meal:				
Dec	229.80	dn 1.10	240.50	186.00
Jan	220.60	dn 1.80	238.80	195.10

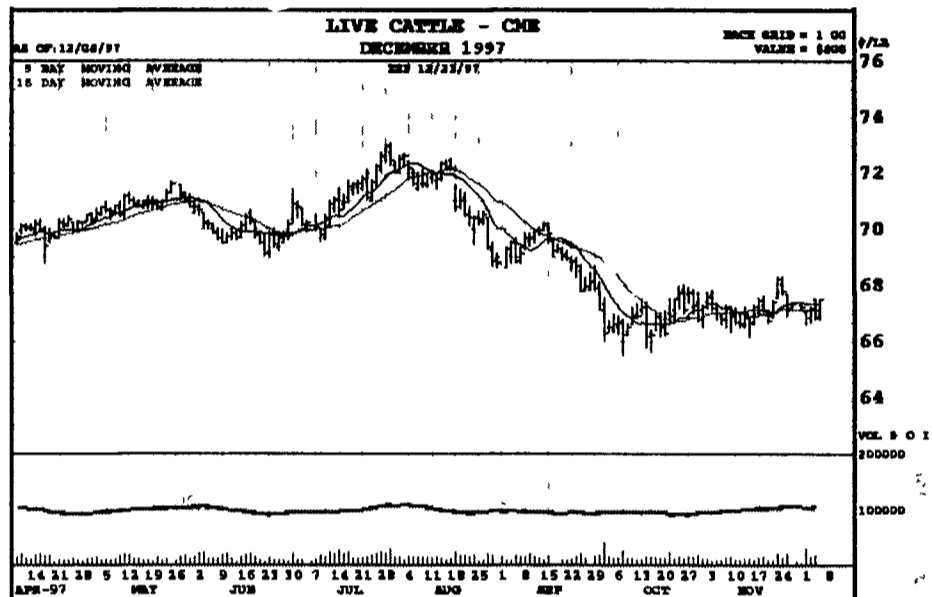


Symbol	Open	High	Low	Last	Chge
LH27 - 12/04/97	6265	6315	6265	6297	+52

---Moving Average---			---Momentum---				
Day	09	18	40	Day	09	18	40
	6240	6241	6204		-75	+200	+92

---Stochastic---			---Directional Indicator---				
Day	09	14	20	Day	09	14	20
Sto	66.98	61.21	72.05	ADX	15.46	12.94	13.98
%k	46.28	51.53	59.34	-DI	20.53	22.33	23.64
%d	43.18	52.56	56.75	+DI	24.71	23.95	23.09

---Relative Strength---			---Historic Volatility---				
Day	09	14	20	Day	09	14	20
	57.34	54.12	51.38		14.31%	13.14%	14.25%

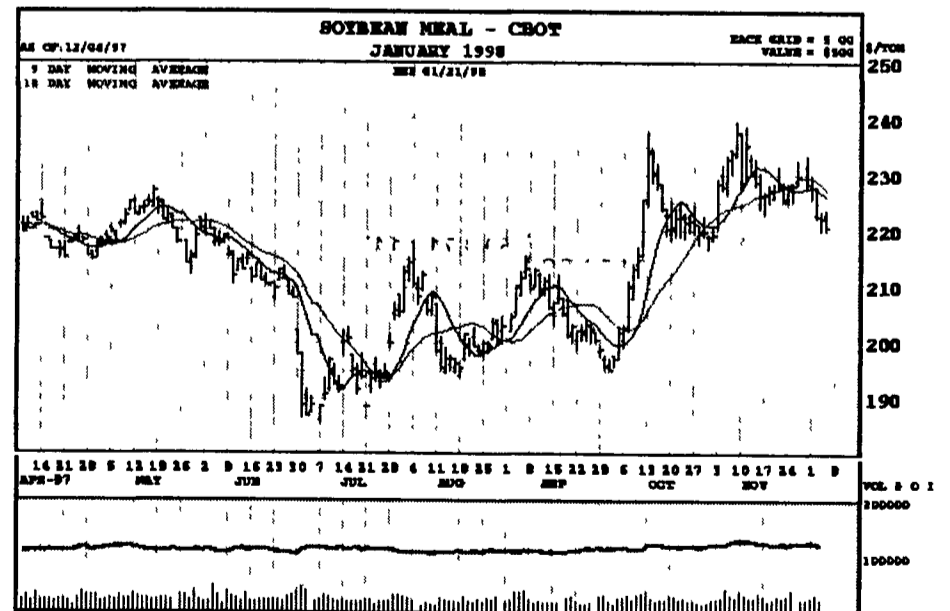


Symbol	Open	High	Low	Last	Chge
LCX7 - 12/04/97	6687	6750	6677	6745	+63

---Moving Average---			---Momentum---				
Day	09	18	40	Day	09	18	40
	6732	6712	6704		+8	+58	+98

---Stochastic---			---Directional Indicator---				
Day	09	14	20	Day	09	14	20
Sto	51.52	51.52	61.90	ADX	11.19	13.65	18.74
%k	36.36	45.81	49.17	-DI	19.36	20.21	21.07
%d	39.60	48.83	49.68	+DI	19.67	19.40	18.63

---Relative Strength---			---Historic Volatility---				
Day	09	14	20	Day	09	14	20
	54.44	52.58	50.93		11.23%	11.09%	9.90%



Symbol	Open	High	Low	Last	Chge
SMP8 - 12/04/97	22280	22370	22000	22060	-180

---Moving Average---			---Momentum---				
Day	09	18	40	Day	09	18	40
	22593	22730	22595		-740	-1700	+730

---Stochastic---			---Directional Indicator---				
Day	09	14	20	Day	09	14	20
Sto	4.51	4.51	3.08	ADX	20.43	23.56	25.69
%k	19.13	15.66	17.77	-DI	24.74	22.01	20.58
%d	29.63	23.74	30.55	+DI	17.69	21.57	24.27

---Relative Strength---			---Historic Volatility---				
Day	09	14	20	Day	09	14	20
	32.80	41.67	46.71		15.16%	13.32%	22.25%