

# ALL STAR CHARTS



Commodity Report

*(Data as of the Close April 25, 2024)*

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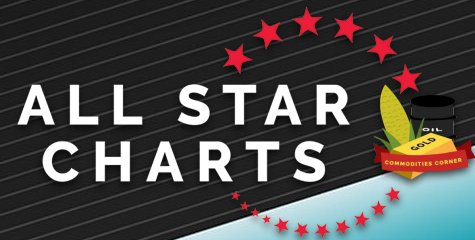
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**ALL STAR  
CHARTS**



# COMMODITY INDICES







# ALL STAR CHARTS COMMITMENT OF TRADERS HEATMAP

Data As Of  
4/23/2024

## Commercial Hedgers

## Open Interest

	Net Position	Position As % of 3yr Range	Wk. Change	Prior Wk Position	4 Wk. Change	3-Year Long	Record Long	3-Year Short	Record Short	Current	Wk. Change	Prior Wk	4 Wk. Change
<b>Energy</b>													
Crude Oil	(322,278)	<div style="width: 73.6%;"><span>73.6%</span></div>	↑ 24,046	(346,324)	↑ 7,679	(204,162)	66,514	(652,384)	(811,538)	2,214,340	↓ (254,423)	2,468,763	↓ (61,662)
Brent Crude	20,583	<div style="width: 36.1%;"><span>36.1%</span></div>	↓ (524)	21,107	↓ (11,582)	52,506	66,431	2,515	(5,143)	140,432	↑ 12,648	127,783	↑ 16,768
Heating Oil	(23,125)	<div style="width: 72.3%;"><span>72.3%</span></div>	↑ 2,119	(25,244)	↓ 4,822	(4,619)	31,626	(71,481)	(94,450)	367,434	↑ 18,856	348,578	↑ 48,214
Natural Gas	115,909	<div style="width: 71.7%;"><span>71.7%</span></div>	↓ 6,683	109,226	↑ 23,244	150,872	242,713	27,296	(98,017)	1,563,241	↓ (42,232)	1,605,472	↑ 6,140
RBOB Gasoline	(85,256)	<div style="width: 17.6%;"><span>17.6%</span></div>	↑ 6,001	(91,257)	2,925	(32,615)	(1,306)	(96,524)	(138,234)	416,152	↓ (1,014)	417,165	↑ 29,691
<b>Metals</b>													
Copper	(63,213)	<div style="width: 1.6%;"><span>1.6%</span></div>	↓ (7,258)	(55,955)	↓ (31,189)	34,244	59,050	(64,810)	(87,302)	409,470	↑ 24,955	384,515	↑ 82,534
Gold	(252,606)	<div style="width: 33.9%;"><span>33.9%</span></div>	↑ 38	(252,644)	↓ (15,997)	(56,998)	85,268	(352,782)	(426,732)	898,041	↓ (26,145)	924,186	↑ 174,650
Silver	(74,868)	<div style="width: 2.9%;"><span>2.9%</span></div>	↓ (2,056)	(72,812)	↓ (12,150)	4,310	13,967	(77,237)	(118,943)	238,980	↓ (3,491)	242,471	↑ 47,441
Platinum	(15,673)	<div style="width: 52.1%;"><span>52.1%</span></div>	↑ 10,622	(26,295)	↓ (1,732)	4,601	5,248	(38,109)	(77,941)	88,675	↑ (703)	89,377	↑ 3,630
Palladium	9,130	<div style="width: 76.4%;"><span>76.4%</span></div>	↑ 149	8,981	↓ (851)	13,137	13,137	(3,877)	(30,209)	21,272	↑ 56	21,216	↑ 1,754
<b>Grains</b>													
Corn	199,667	<div style="width: 86.5%;"><span>86.5%</span></div>	↓ (42,905)	242,572	↓ (14,022)	306,772	306,772	(487,561)	(531,098)	1,969,357	↑ 3,149	1,966,208	↓ (48,465)
Soybeans	166,859	<div style="width: 90.8%;"><span>90.8%</span></div>	↓ (23,759)	190,618	↑ 11,662	205,493	205,493	(212,479)	(259,697)	1,057,438	↓ (69,334)	1,126,772	↑ 34,776
Soybean Oil	41,951	<div style="width: 94.0%;"><span>94.0%</span></div>	↓ (1,374)	43,325	↑ 35,546	52,701	72,519	(125,029)	(178,489)	624,397	↓ (26,554)	650,951	↑ 1,323
Soybean Meal	(31,714)	<div style="width: 66.7%;"><span>66.7%</span></div>	↓ (33,073)	1,359	↓ (45,725)	49,763	58,767	(194,606)	(194,606)	543,681	↓ (1,394)	545,075	↓ (708)
Chi. Wheat	53,085	<div style="width: 63.9%;"><span>63.9%</span></div>	↓ (13,189)	66,274	↓ (11,065)	101,723	134,092	(32,939)	(52,983)	453,343	↑ 3,935	449,409	↓ (11,671)
K.C. Wheat	39,008	<div style="width: 93.4%;"><span>93.4%</span></div>	↓ (6,650)	45,658	↑ 1,739	45,658	45,658	(54,660)	(92,240)	285,022	↓ (6,792)	291,814	↓ (10,578)
Minn. Wheat	22,681	<div style="width: 87.4%;"><span>87.4%</span></div>	↓ (2,559)	25,240	↓ (776)	31,009	31,009	(34,829)	(34,829)	66,461	↓ (4,262)	70,723	↓ (3,281)
<b>Livestock</b>													
Live Cattle	(51,454)	<div style="width: 75.0%;"><span>75.0%</span></div>	↓ (2,925)	(48,529)	↑ 23,413	(26,493)	29,877	(126,149)	(140,692)	370,429	↓ (2,821)	373,249	↓ (52,545)
Feeder Cattle	4,511	<div style="width: 65.9%;"><span>65.9%</span></div>	↓ (493)	5,004	↑ 1,741	10,898	10,898	(7,846)	(7,846)	73,915	↓ (4,679)	78,594	↓ (9,791)
Lean Hogs	(89,087)	<div style="width: 4.6%;"><span>4.6%</span></div>	↓ (269)	(88,818)	↓ (20,688)	24,882	33,882	(94,630)	(106,301)	407,751	↑ 3,064	404,687	↑ 32,160
<b>Softs</b>													
Cocoa	(25,859)	<div style="width: 54.6%;"><span>54.6%</span></div>	↑ 2,433	(28,292)	↑ 6,706	27,476	35,241	(89,935)	(95,012)	287,967	↑ 1,967	286,000	↓ (95,907)
Coffee	(77,115)	<div style="width: 2.2%;"><span>2.2%</span></div>	↑ 2,468	(79,583)	↓ (22,241)	34,147	93,948	(79,583)	(79,583)	290,618	↑ 3,660	286,958	↑ 23,575
Cotton	(31,180)	<div style="width: 69.9%;"><span>69.9%</span></div>	↑ 24,766	(55,946)	↑ 69,059	15,291	38,991	(139,287)	(140,758)	243,894	↑ 4,861	239,034	↓ (88,301)
Sugar	(14,531)	<div style="width: 95.1%;"><span>95.1%</span></div>	↑ 14,135	(28,666)	↑ 88,570	3,500	191,053	(366,721)	(408,762)	975,913	↑ 17,447	958,466	↓ (34,912)
Lumber	377	<div style="width: 61.0%;"><span>61.0%</span></div>	→ 0	377	→ 0	1,192	2,245	(899)	(899)	1,136	↑ (957)	1,136	→ 0
Orange Juice	(2,774)	<div style="width: 59.1%;"><span>59.1%</span></div>	↓ (52)	(2,722)	↓ (429)	815	8,247	(7,957)	(26,358)	10,113	↓ (1,811)	11,924	↓ (1,305)
<b>Treasury Bonds</b>													
US10Y	527,837	<div style="width: 70.0%;"><span>70.0%</span></div>	↑ 16,312	511,525	↑ 17,329	776,223	854,395	(52,280)	(572,683)	5,561,563	↓ (24,314)	5,585,877	↑ 567,097
US30Y	(15,085)	<div style="width: 7.6%;"><span>7.6%</span></div>	↑ 11,264	(26,349)	↑ 19,440	245,436	255,085	(36,538)	(138,851)	1,765,424	↓ (28,108)	1,793,532	↑ 124,508
<b>Currencies</b>													
Dollar Index	(2,104)	<div style="width: 73.1%;"><span>73.1%</span></div>	↓ (818)	(1,286)	↓ (1,107)	14,726	28,376	(47,727)	(100,848)	45,781	↑ 1,653	44,128	↑ 13,744
Euro	(1,684)	<div style="width: 88.7%;"><span>88.7%</span></div>	↑ 19,799	(21,483)	↑ 49,999	29,673	276,880	(248,758)	(270,986)	753,918	↑ 3,229	750,689	↑ 6,638
Canadian Dollar	86,038	<div style="width: 96.4%;"><span>96.4%</span></div>	↓ (6,302)	92,340	↑ 30,040	92,340	112,295	(84,825)	(139,333)	244,028	↓ (16,048)	260,076	↑ 36,595
Australian Dollar	115,569	<div style="width: 98.8%;"><span>98.8%</span></div>	↓ (1,389)	116,958	↓ (1,659)	117,228	117,228	(25,302)	(118,940)	254,937	↓ 4,350	250,587	↓ 22,049
Japanese Yen	178,347	<div style="width: 100.0%;"><span>100.0%</span></div>	↑ 9,919	168,428	↑ 49,703	178,347	190,891	(75,326)	(85,622)	379,654	↑ 757	378,897	↑ 35,350
British Pound	46,076	<div style="width: 72.7%;"><span>72.7%</span></div>	↑ 36,822	9,254	↑ 79,721	94,652	126,471	(83,305)	(112,894)	304,112	↑ 8,903	295,209	↑ 57,487
Swiss Franc	57,339	<div style="width: 100.0%;"><span>100.0%</span></div>	↑ 3,615	53,724	↑ 19,580	57,339	92,876	(27,822)	(57,227)	104,510	↑ 6,299	98,211	↑ 20,355
<b>Cryptocurrency</b>													
Bitcoin	(543)	<div style="width: 47.6%;"><span>47.6%</span></div>	↓ (357)	(186)	↓ (727)	1,437	1,437	(2,344)	(2,344)	30,539	↓ (1,560)	32,099	↓ (4,793)

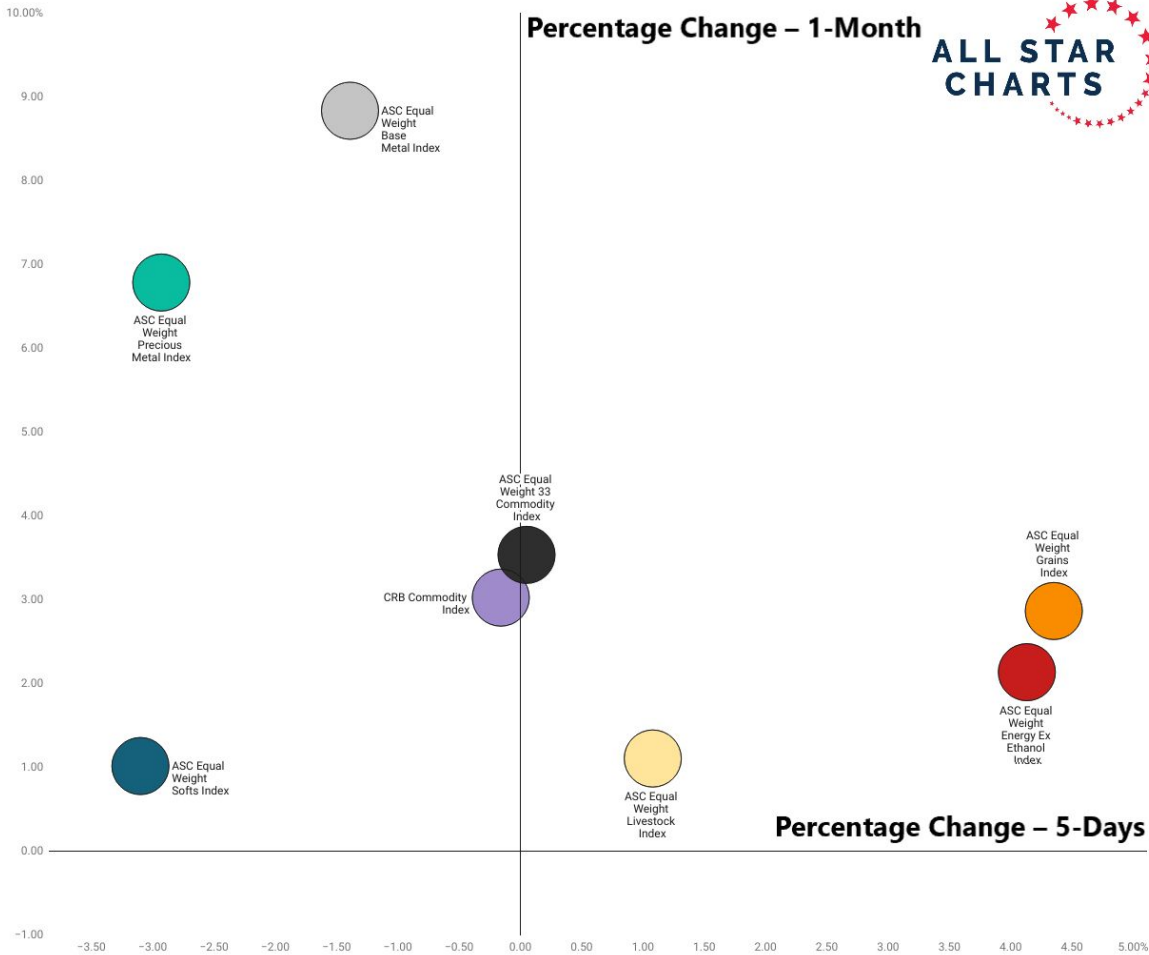
\* The data in the table above includes both options and futures positioning \*



### Commodities Index Performance Table

Name	Current Price	5-Day Change	1-Mo. Change	3-Mo. Change	6-Mo. Change	1-Yr. Change	3-Yr. Change
ASC Equal Weight Grains Index	372.88	4.36%	2.86%	-1.18%	-6.46%	-16.64%	-16.57%
ASC Equal Weight Energy Ex Ethanol Index	5.84	4.14%	2.13%	2.22%	-11.95%	0.29%	15.58%
ASC Equal Weight Livestock Index	160.50	1.08%	1.10%	10.61%	18.75%	13.60%	37.58%
ASC Equal Weight 33 Commodity Index	210.72	0.05%	3.53%	6.53%	5.57%	2.61%	2.78%
CRB Commodity Index	297.66	-0.16%	3.02%	9.27%	5.14%	10.74%	51.82%
ASC Equal Weight Base Metal Index	1,191.20	-1.39%	8.83%	5.22%	12.81%	0.90%	-5.84%
ASC Equal Weight Precious Metal Index	368.05	-2.93%	6.78%	12.43%	12.41%	2.35%	1.49%
ASC Equal Weight Softs Index	248.00	-3.10%	1.01%	20.68%	28.27%	35.17%	65.05%
Baltic Dry Index	1,743.00	-9.17%	-17.90%	16.28%	-4.86%	15.43%	-37.48%
CBOE Volatility Index	16.00	-10.28%	11.12%	12.48%	-21.18%	-23.87%	-21.68%

**Percentage Change – 1-Month**



**Percentage Change – 5-Days**



		Percent Off High/Low		Highs & Lows			
		52-Week Hi	52-Wk Lo	4-Week (Mo)	13-Week (Qtr)	52-Week (Yr)	All-Time
Energy	Crude Oil	-8.0%	20.8%				
	Gas-RBOB	-6.9%	33.2%				
	Heating Oil	-22.6%	11.6%				
	Natural Gas	-42.9%	23.6%	New High			
	Ethanol	-33.9%	17.5%	New High	New High		
Precious Metals	Gold	-2.6%	26.9%				
	Silver	-4.5%	26.2%				
	Platinum	-13.6%	9.5%				
	Palladium	-35.6%	13.0%	New Low			
Base Metals	Copper	0.0%	28.3%	New High	New High	New High	
	Aluminum	-4.2%	21.1%				
	Nickel	-22.2%	21.3%				
	Steel	-28.5%	16.8%				
	Tin	-7.9%	40.8%				
	Zinc	-0.1%	24.4%				
	Lead	-5.2%	9.9%				
	Iron Ore	-22.5%	9.7%	New High			
Agricultural	Lumber	-13.8%	10.2%				
	Corn	-25.6%	9.2%	New High	New High		
	Cotton	-15.3%	3.0%				
	Coffee	-2.6%	55.7%				
	Cocoa	-7.5%	267.7%				
	Sugar	-31.2%	0.0%	New Low	New Low	New Low	
	Wheat	-16.9%	17.4%	New High	New High		
	Soybeans	-19.6%	3.3%				
	Soybean Oil	-29.2%	1.9%				
	Soybean Meal	-21.8%	5.8%	New High			
	Orange Juice-Frozen	-11.4%	51.6%	New High			
	Oats	-29.7%	10.3%				
	Rice(Rough)	0.0%	23.4%	New High	New High	New High	
	Cattle-Feeder	-2.3%	20.5%	New High			
	Cattle-Live	-7.3%	9.8%				
Hogs-Lean	-2.7%	59.1%					

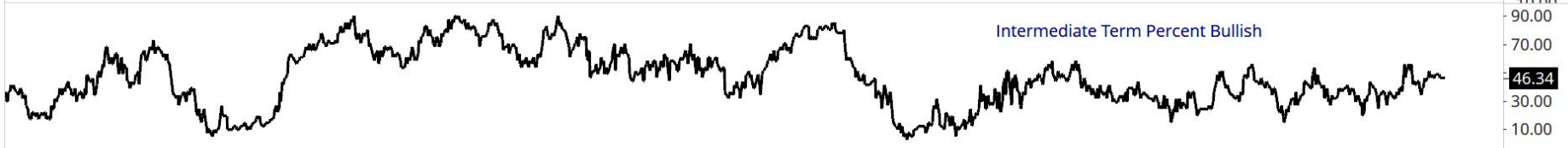
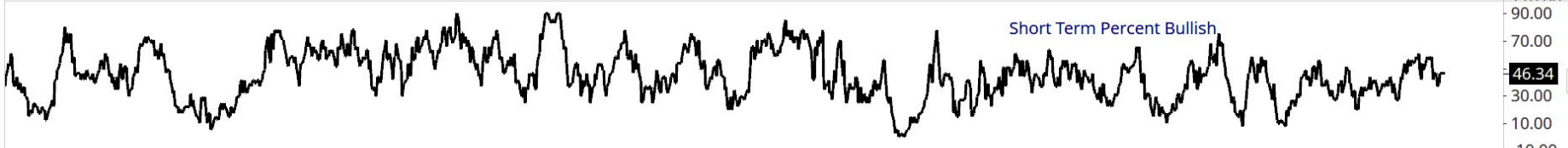


Highs & Lows			
4-Week (Mo)	13-Week (Qtr)	52-Week (Yr)	All-Time
30%	15%	6%	0%
<i>Percent of Watchlist at New Highs</i>			
6%	3%	3%	0%
<i>Percent of Watchlist at New Lows</i>			

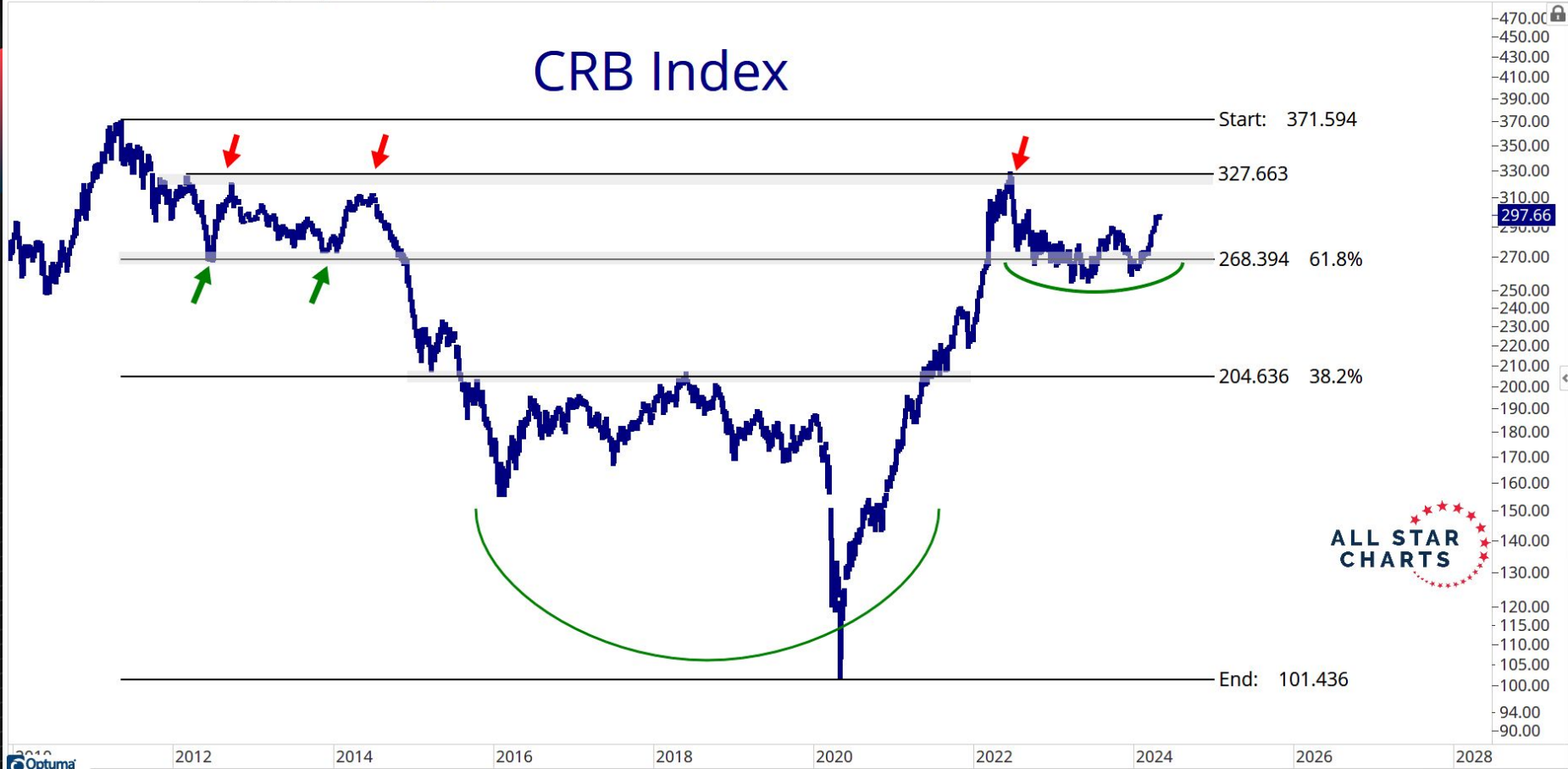
Commodities vs. Moving Averages									
		5-Day Moving Average	10-Day Moving Average	20-Day Moving Average	50-Day Moving Average	100-Day Moving Average	150-Day Moving Average	200-Day Moving Average	250-Day Moving Average
Energy	Crude Oil	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Gas-RBOB	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Heating Oil	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
	Natural Gas	BELOW	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
	Ethanol	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW
Precious Metals	Gold	BELOW	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Silver	BELOW	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Platinum	BELOW	BELOW	BELOW	BELOW	BELOW	ABOVE	BELOW	BELOW
	Palladium	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
	Copper	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Base Metals	Aluminum	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Nickel	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Steel	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
	Tin	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Zinc	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Lead	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Iron Ore	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
	Lumber	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
	Corn	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW
Agricultural	Cotton	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
	Coffee	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Cocoa	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Sugar	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
	Wheat	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Soybeans	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
	Soybean Oil	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
	Soybean Meal	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
	Orange Juice-Frozen	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Oats	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW
	Rice(Rough)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Cattle-Feeder	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Cattle-Live	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW	ABOVE
	Hogs-Lean	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
	Percent Positive:		58%	67%	67%	67%	58%	55%	52%



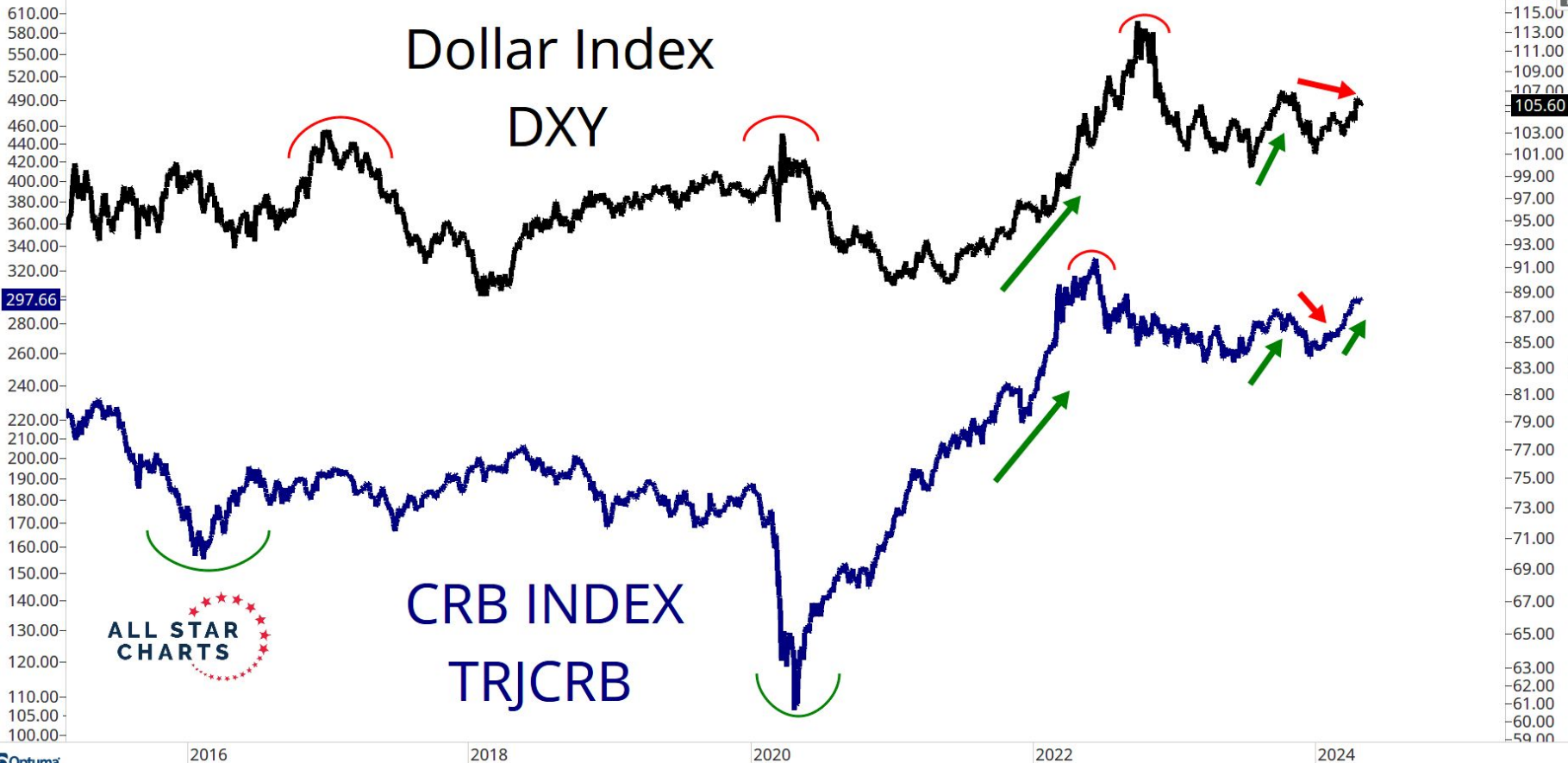
# ASC Equal Weight 33 Commodity Index



# CRB Index







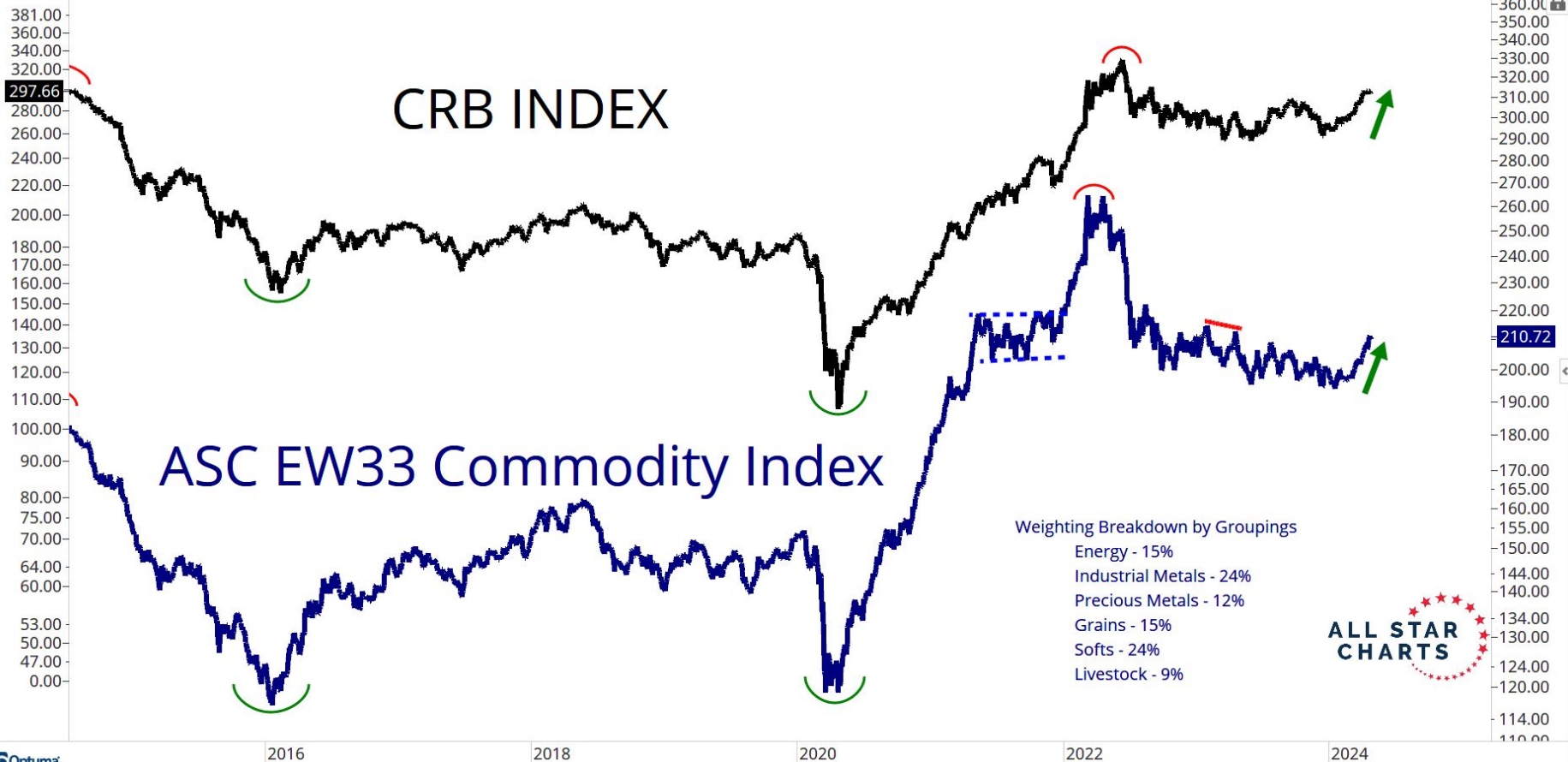
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107.00  
105.60  
103.00  
101.00  
99.00  
97.00  
95.00  
93.00  
91.00  
89.00  
87.00  
85.00  
83.00  
81.00  
79.00  
77.00  
75.00  
73.00  
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59.00

# ASC EW33 Commodity Index



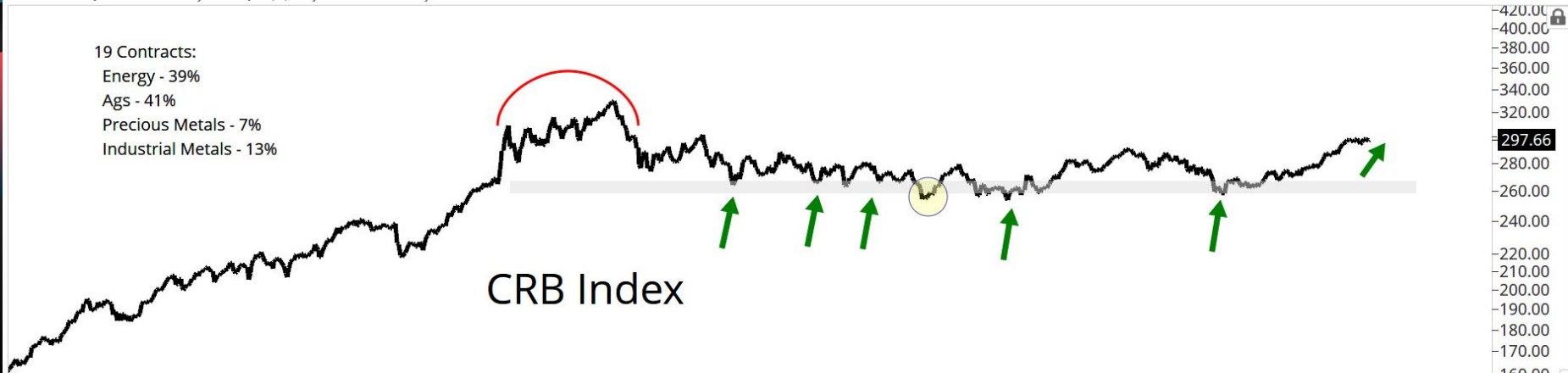
ALL STAR CHARTS

# CRB INDEX





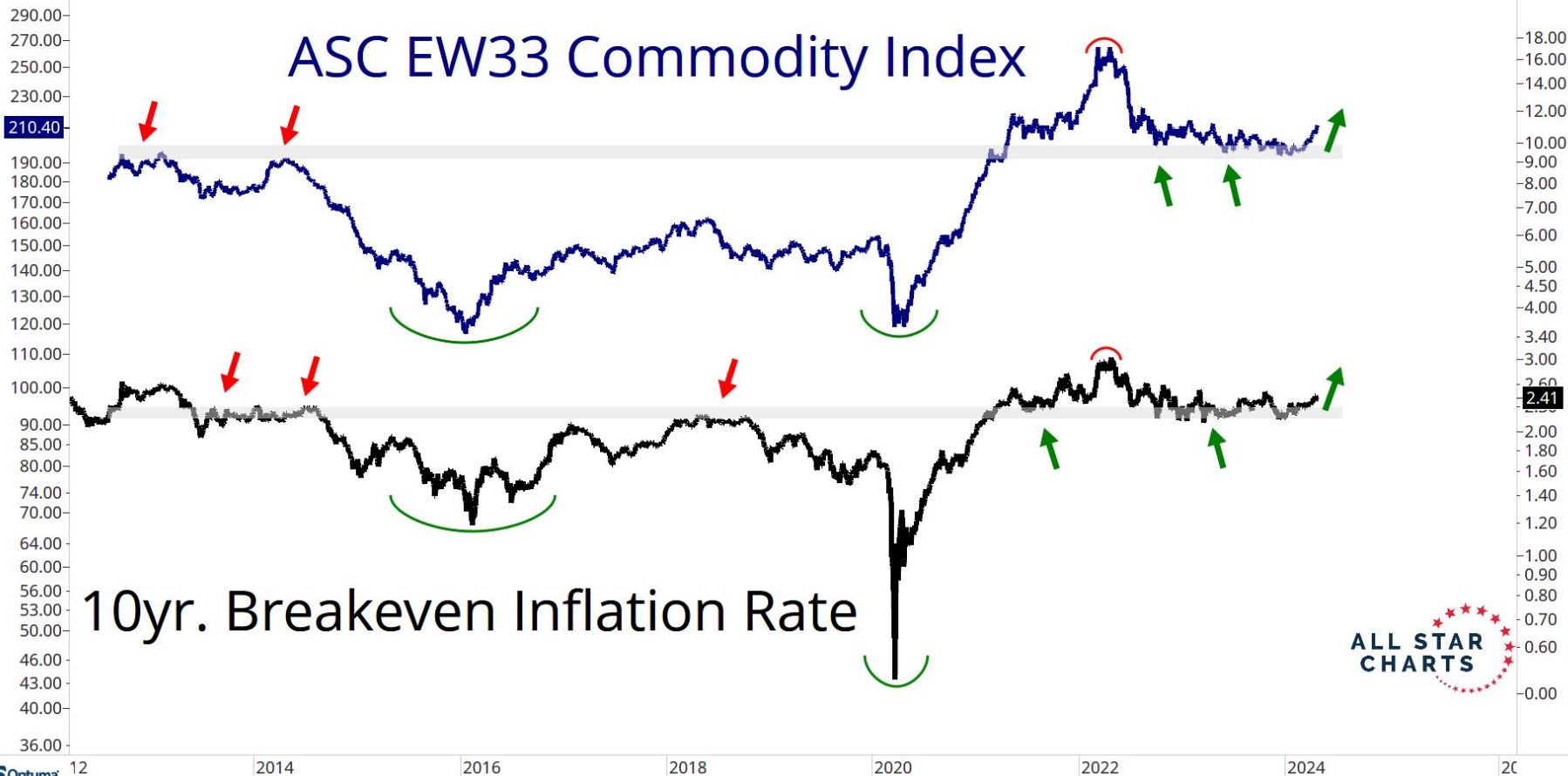
19 Contracts:  
Energy - 39%  
Ags - 41%  
Precious Metals - 7%  
Industrial Metals - 13%



33 Contracts:  
Energy - 15%  
Ags - 48%  
Precious Metals - 12%  
Industrial Metals - 24%



# ASC EW33 Commodity Index



# 10yr. Breakeven Inflation Rate



33 Contracts:

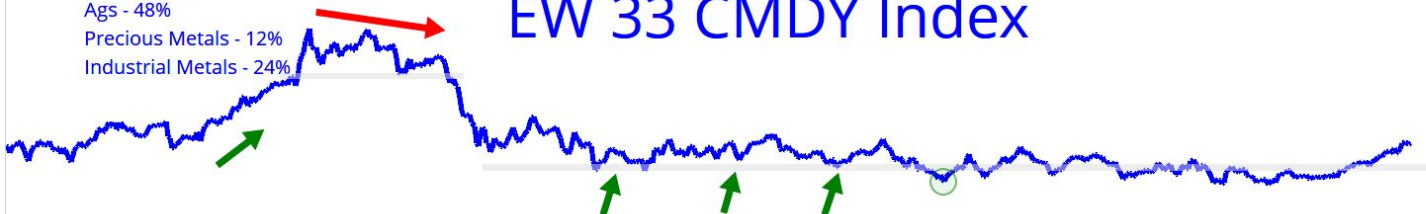
Energy - 15%

Ags - 48%

Precious Metals - 12%

Industrial Metals - 24%

# EW 33 CMDY Index



325.00  
310.00  
290.00  
270.00  
250.00  
240.00  
230.00  
220.00  
210.00  
200.00  
190.00

210.72

19 Contracts:

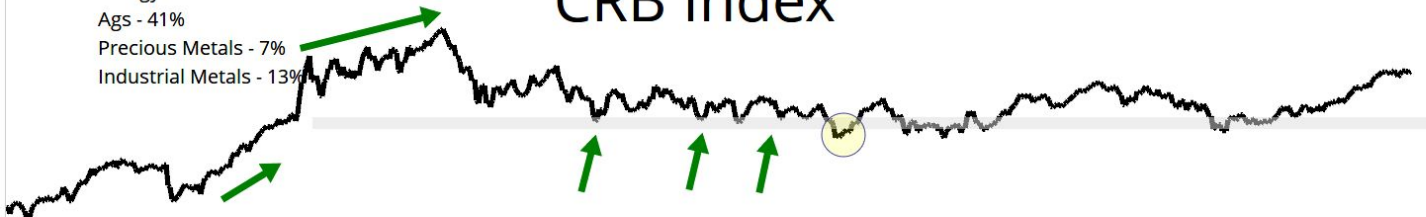
Energy - 39%

Ags - 41%

Precious Metals - 7%

Industrial Metals - 13%

# CRB Index



410.00  
390.00  
370.00  
350.00  
330.00  
310.00  
290.00  
270.00  
250.00  
230.00  
210.00

297.66



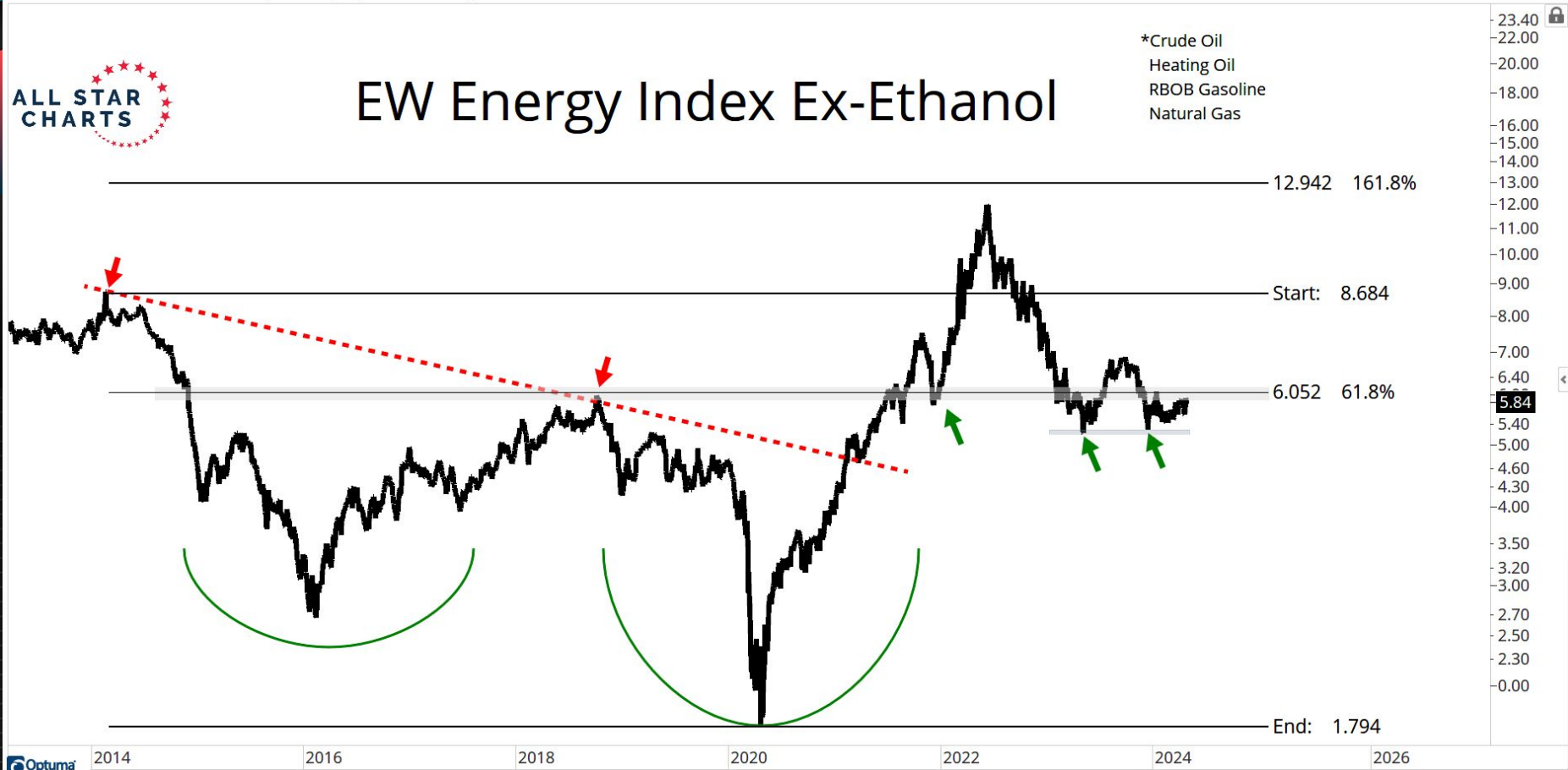
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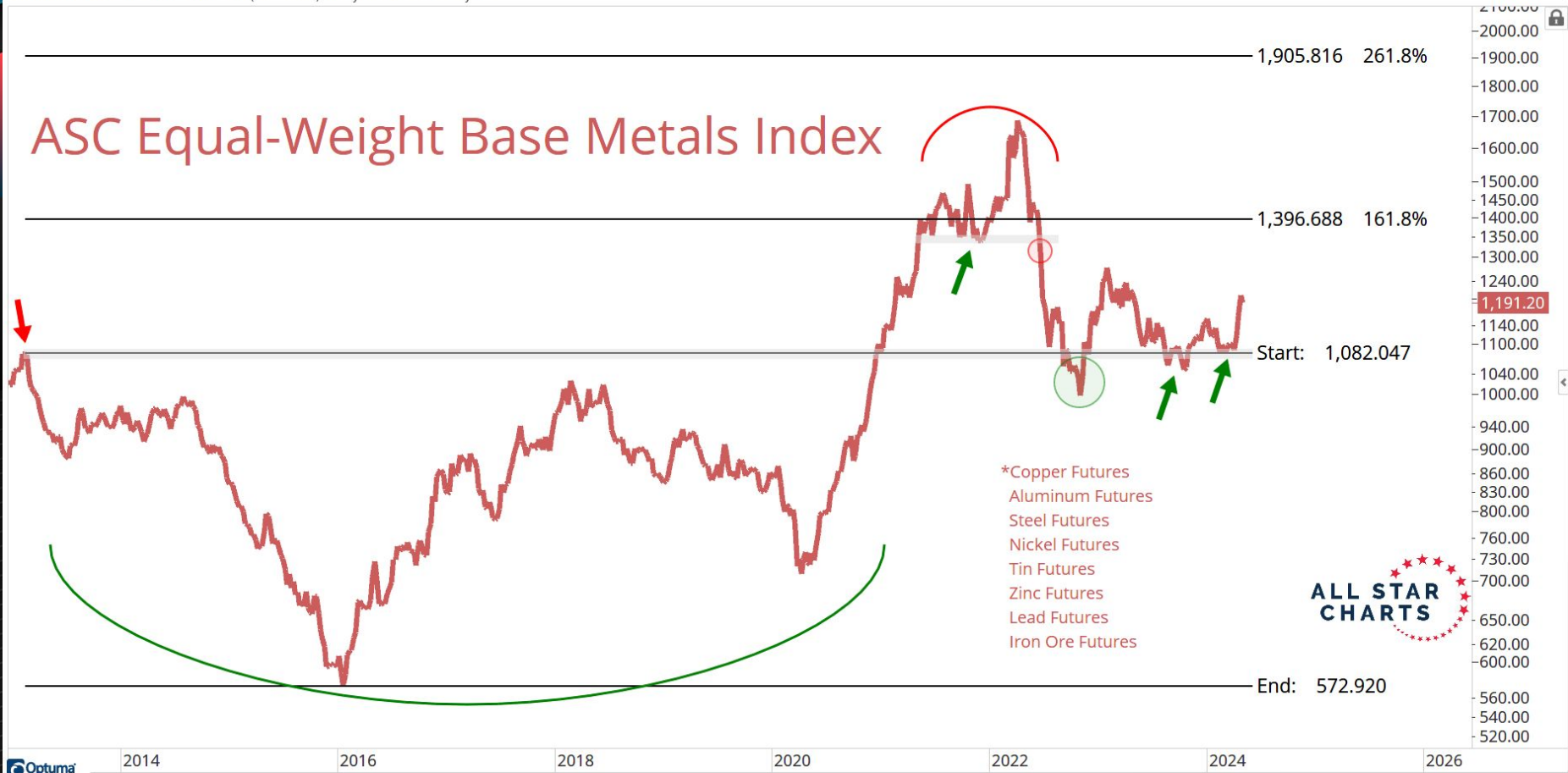


# EW Energy Index Ex-Ethanol

\*Crude Oil  
Heating Oil  
RBOB Gasoline  
Natural Gas



# ASC Equal-Weight Base Metals Index



# Equal-Weight Precious Metals Index

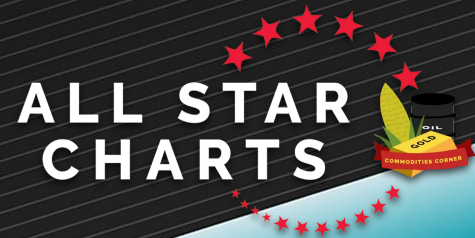
\*Gold Futures  
Silver Futures  
Platinum Futures



ALL STAR  
CHARTS



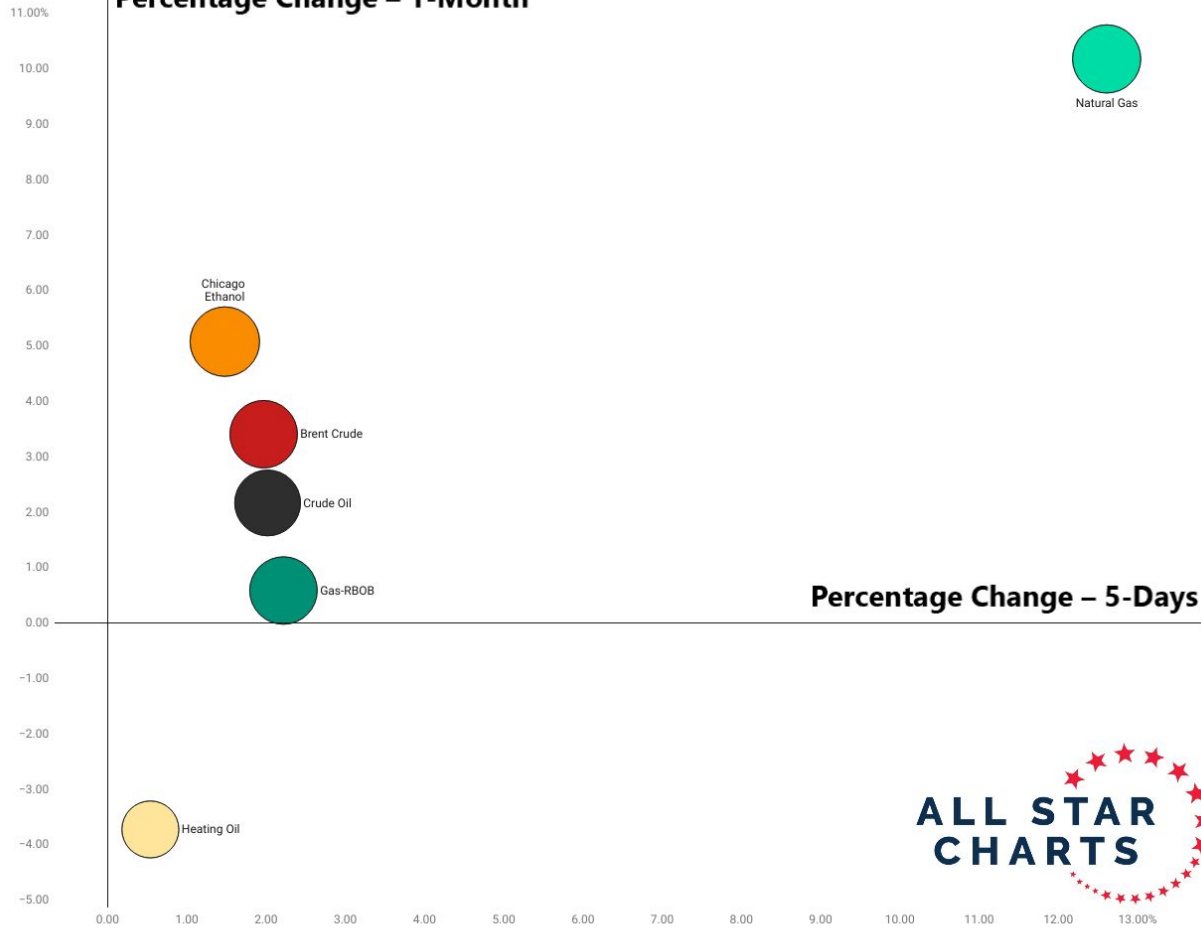
# ENERGY SECTOR



### Energy Performance Table

Name	Current Price	5-Day Change	1-Mo. Change	3-Mo. Change	6-Mo. Change	1-Yr. Change	3-Yr. Change
<b>Natural Gas</b>	1.98	12.61%	10.17%	-9.46%	-41.72%	-16.93%	-29.32%
<b>Chicago Platts Ethanol</b>	2.74	2.22%	0.58%	19.97%	21.14%	6.98%	36.91%
<b>Crude Oil</b>	83.77	2.02%	2.16%	8.65%	-1.78%	8.61%	35.03%
<b>Brent Crude</b>	89.01	1.97%	3.40%	7.98%	-1.24%	10.43%	34.64%
<b>Heating Oil</b>	1.71	1.48%	5.07%	6.71%	-16.79%	-28.00%	-22.54%
<b>Gas-RBOB</b>	2.57	0.54%	-3.73%	-6.98%	-12.99%	4.97%	37.10%

## Percentage Change – 1-Month



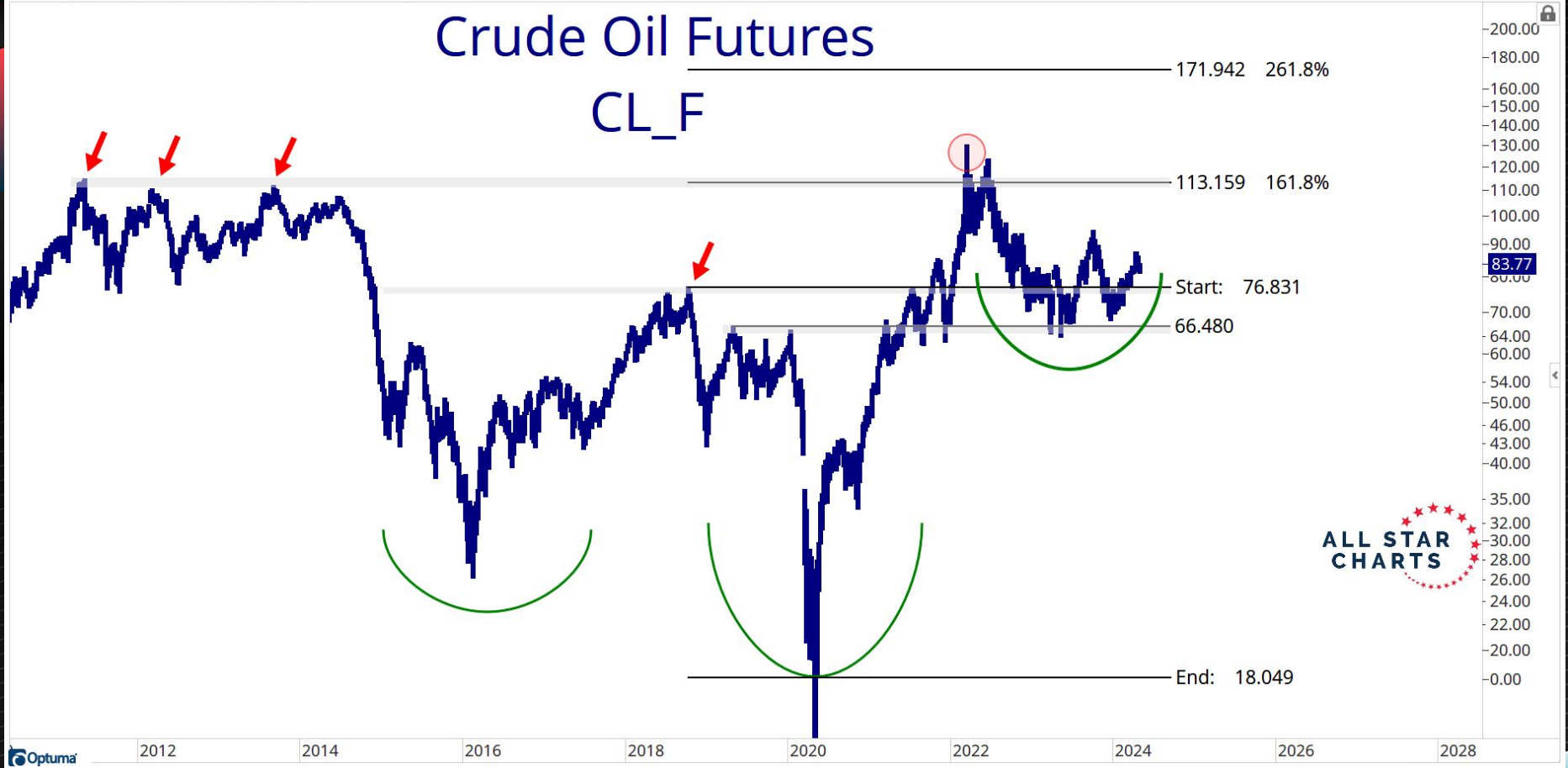
## Percentage Change – 5-Days

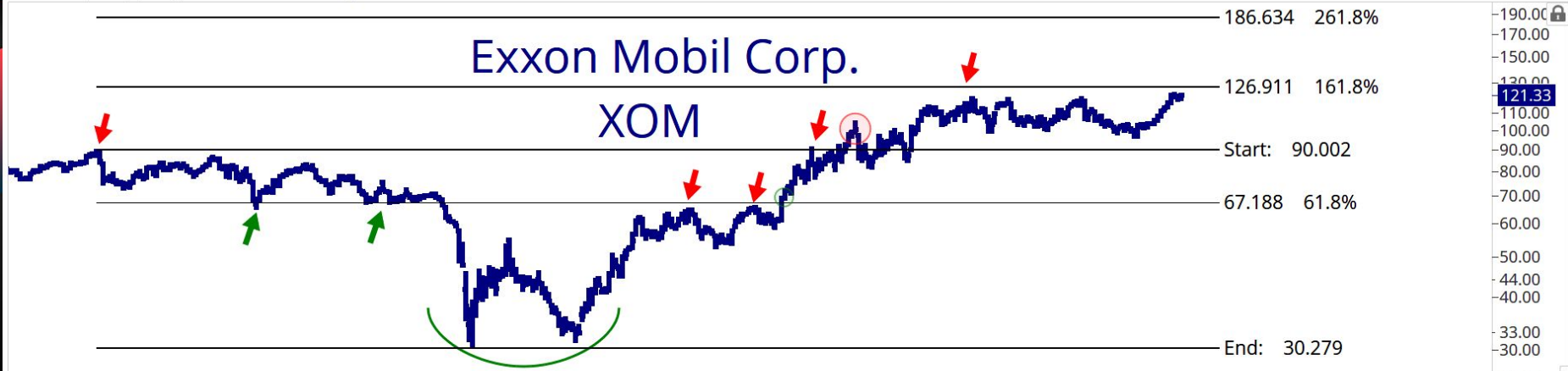




# Crude Oil Futures

## CL\_F







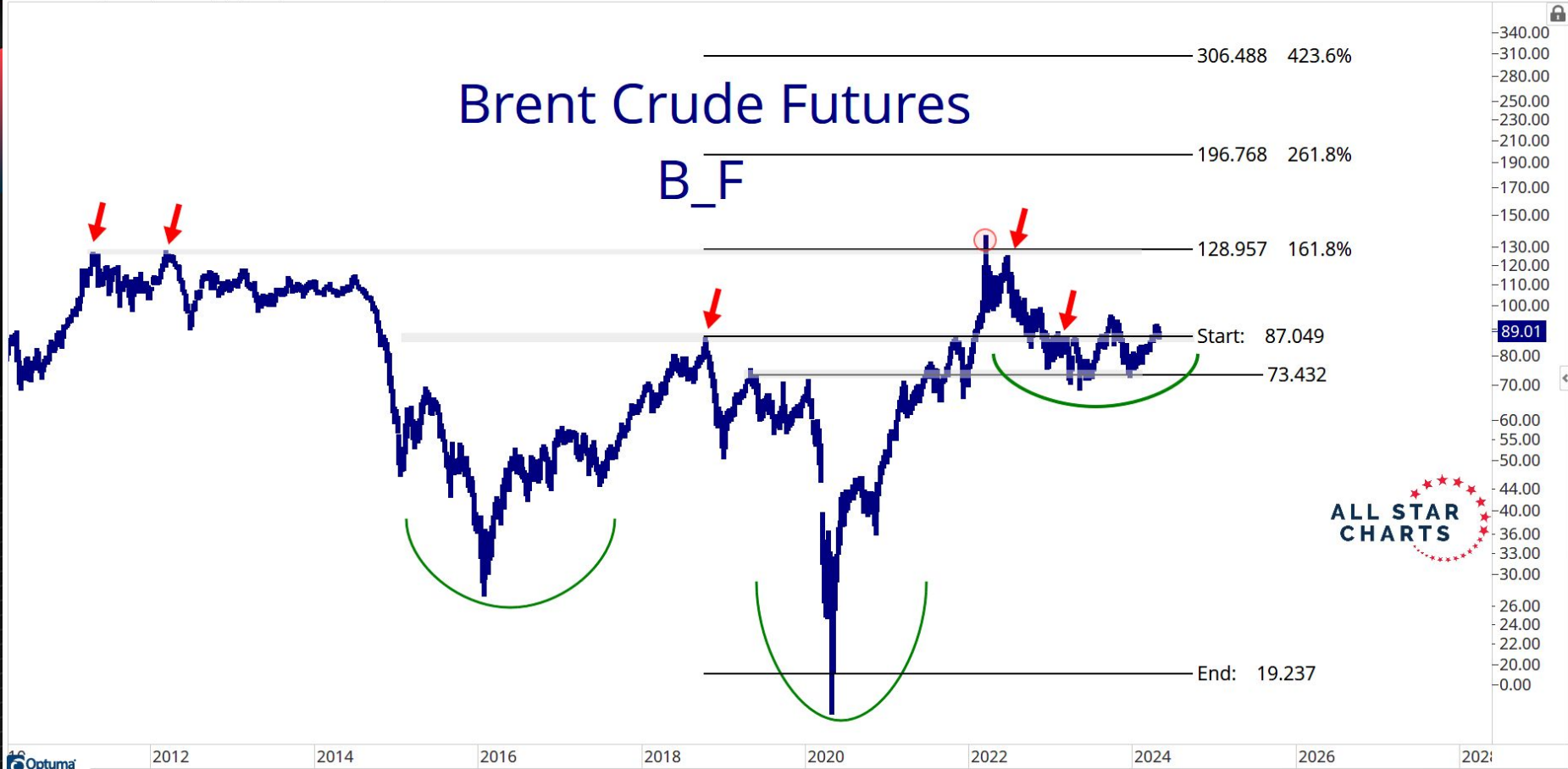
# Energy Sector vs. Crude Oil Futures

## XLE / CL\_F



# Brent Crude Futures

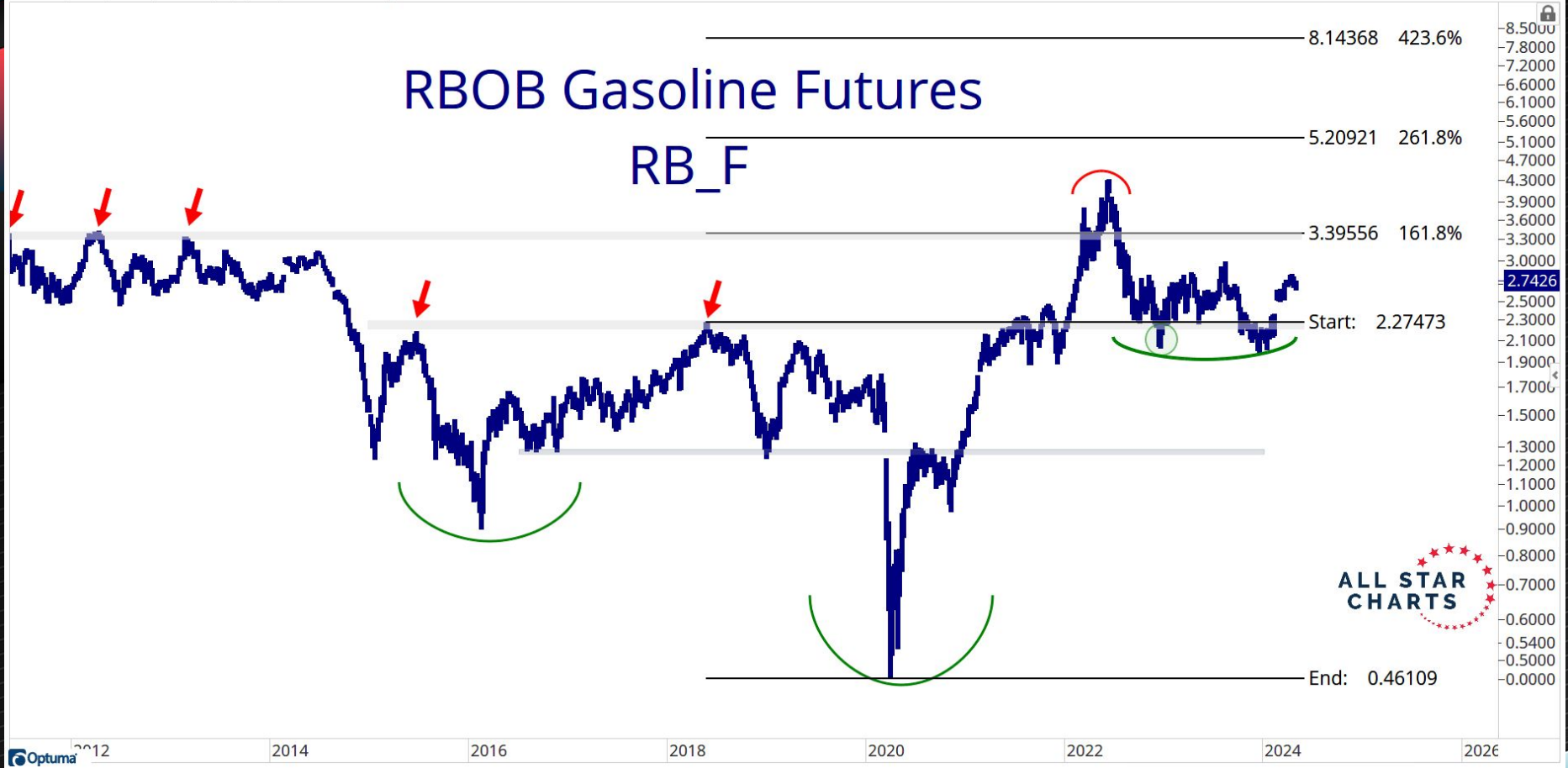
B\_F





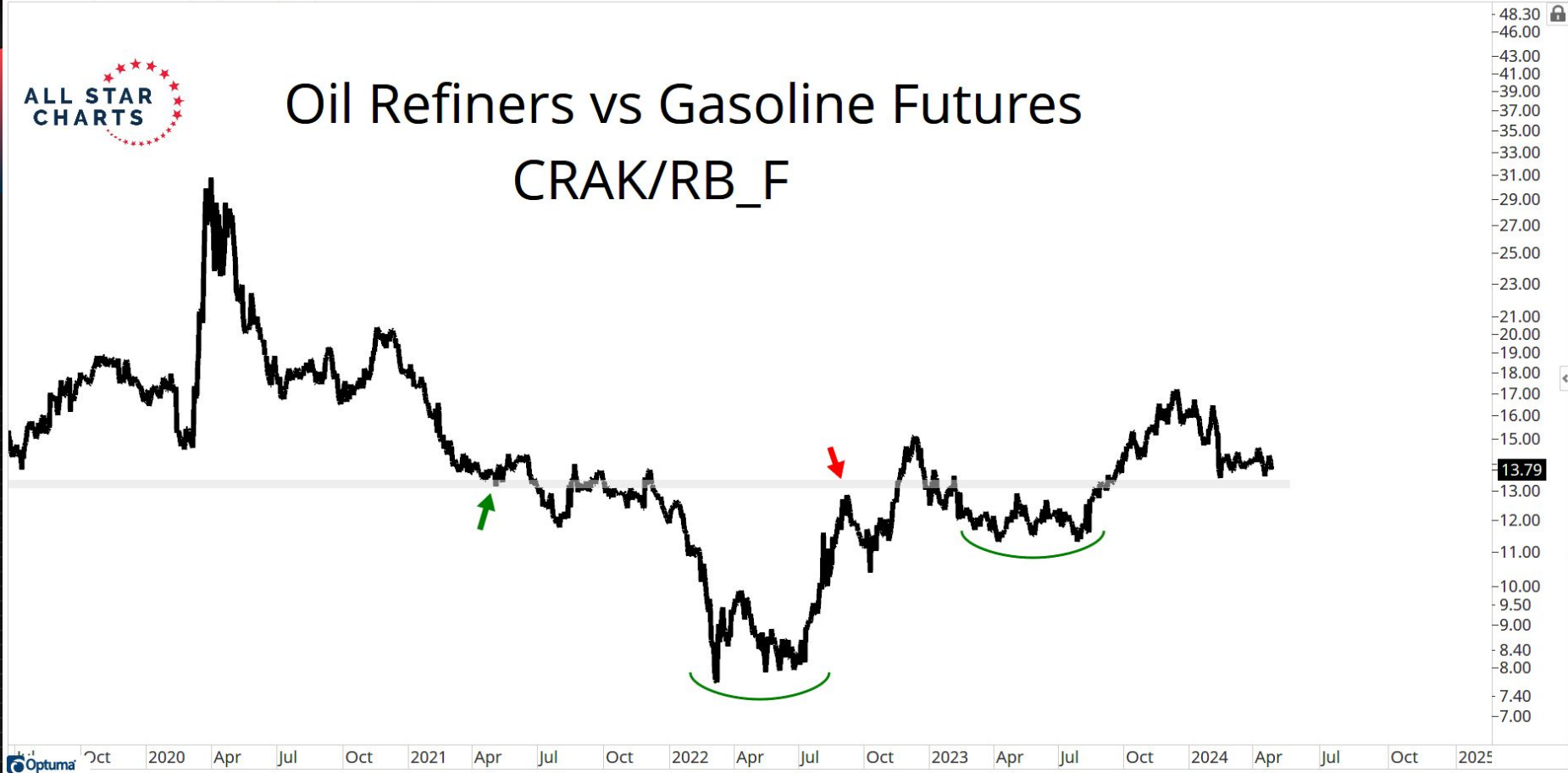
# RBOB Gasoline Futures

## RB\_F

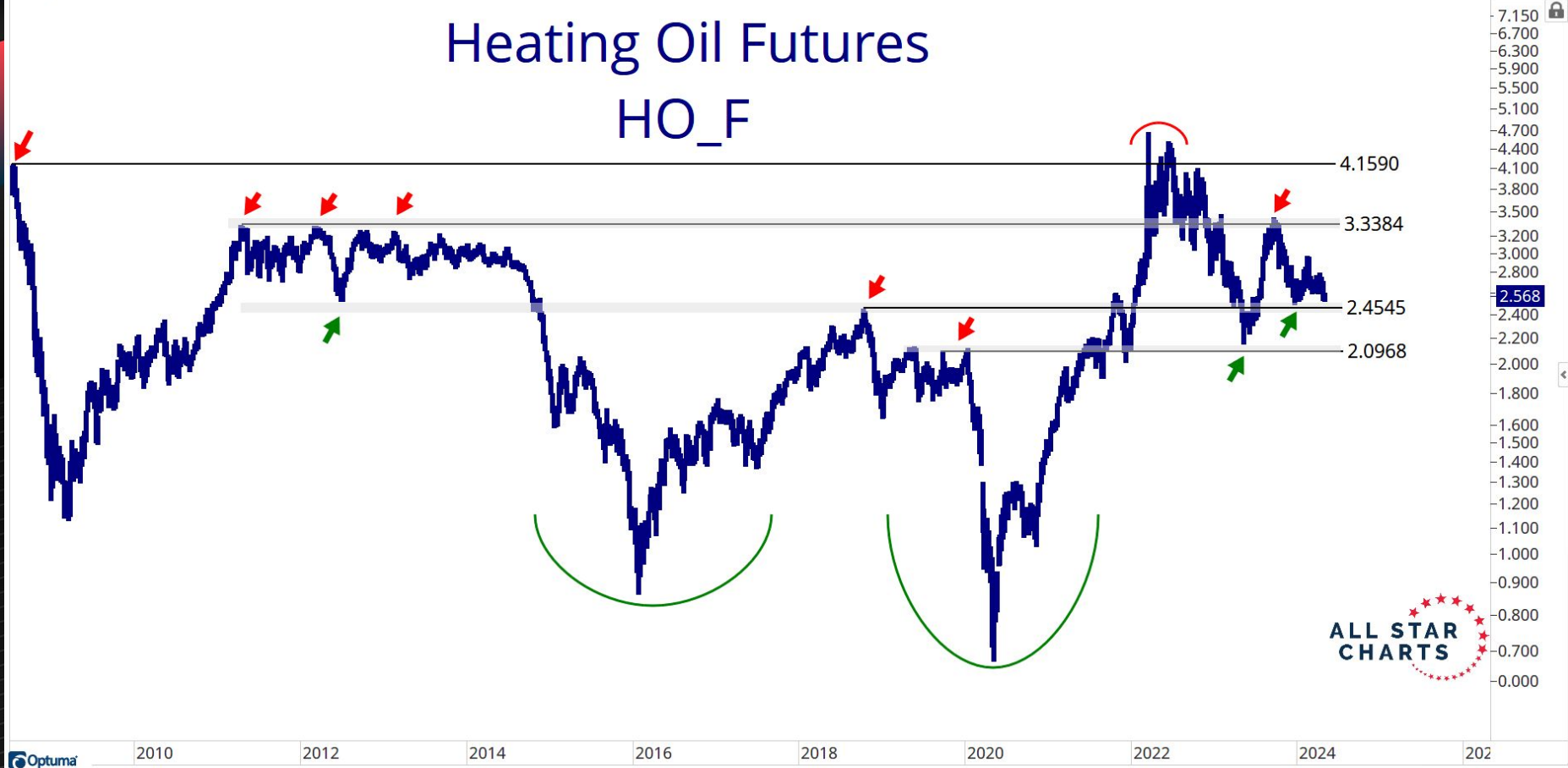




# Oil Refiners vs Gasoline Futures CRAK/RB\_F

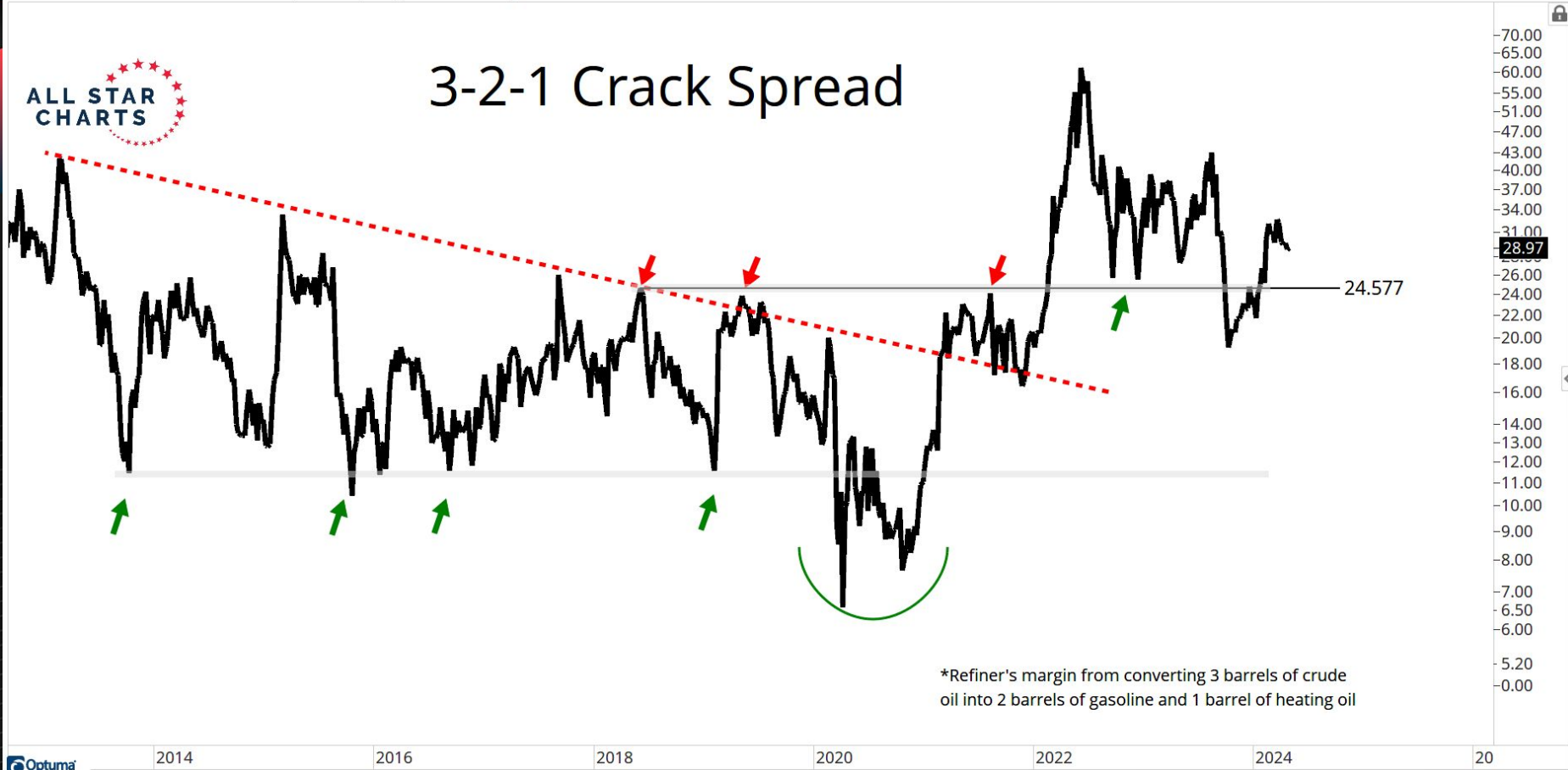


# Heating Oil Futures HO\_F





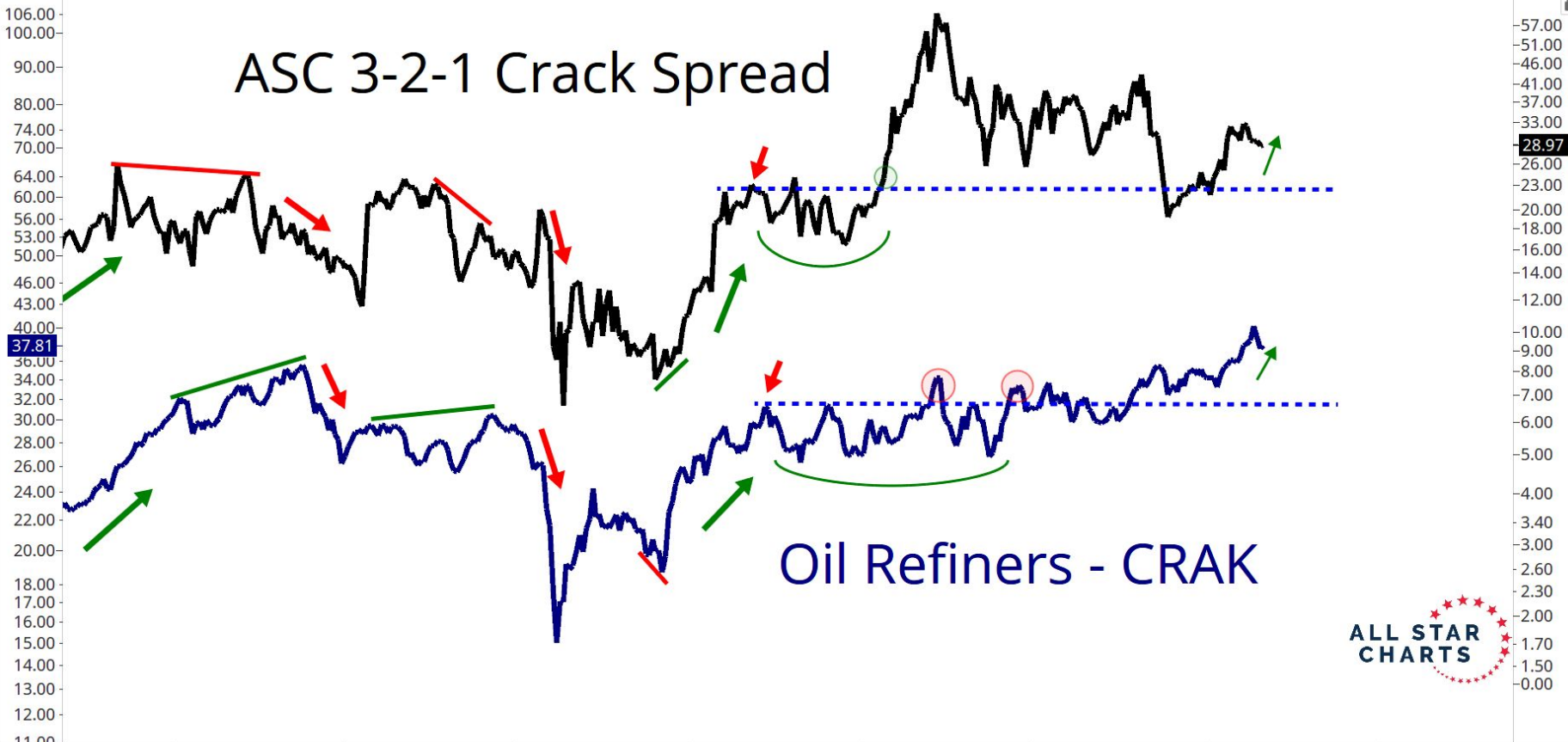
# 3-2-1 Crack Spread



\*Refiner's margin from converting 3 barrels of crude oil into 2 barrels of gasoline and 1 barrel of heating oil



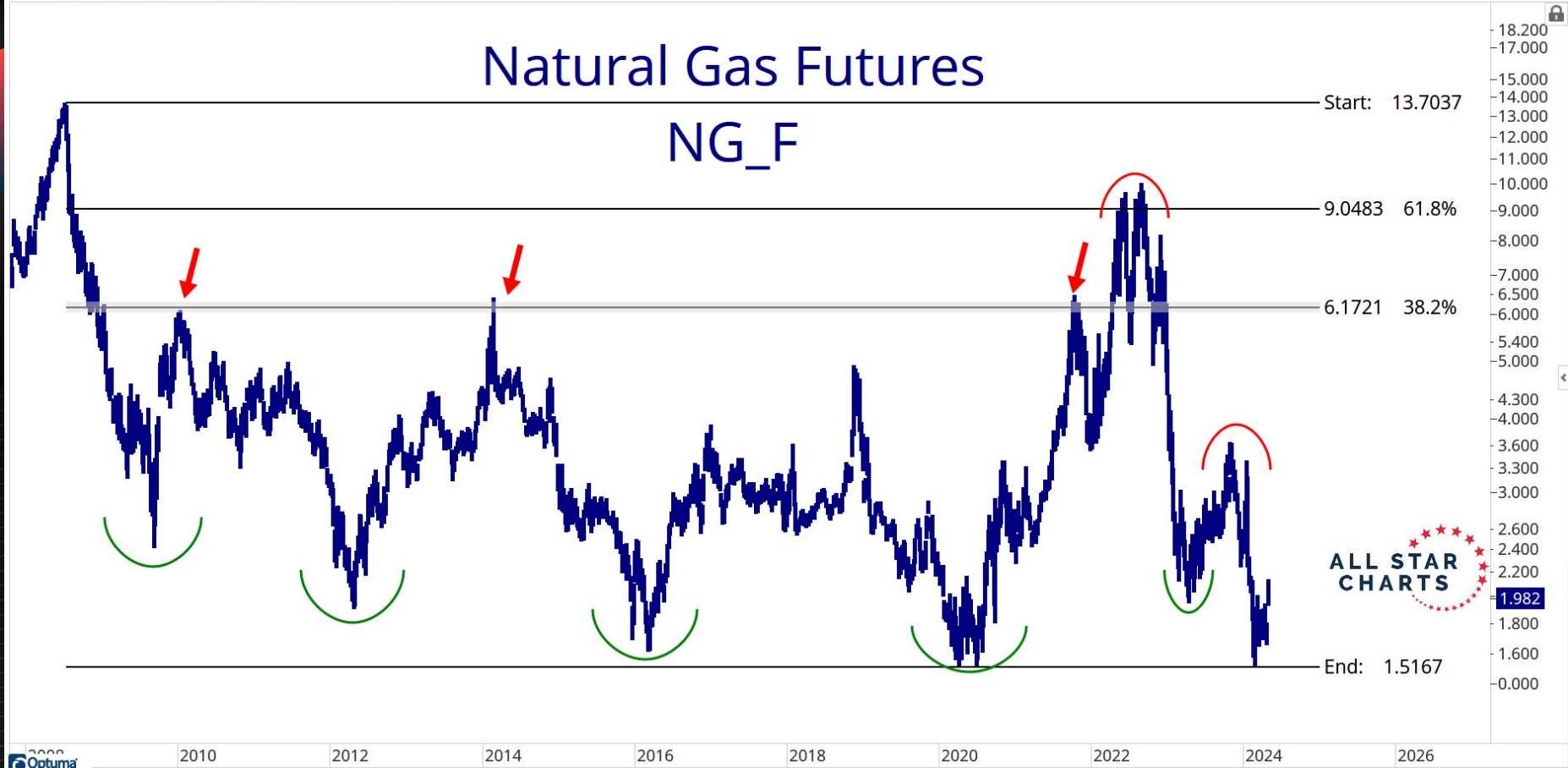
# ASC 3-2-1 Crack Spread



## Oil Refiners - CRAK



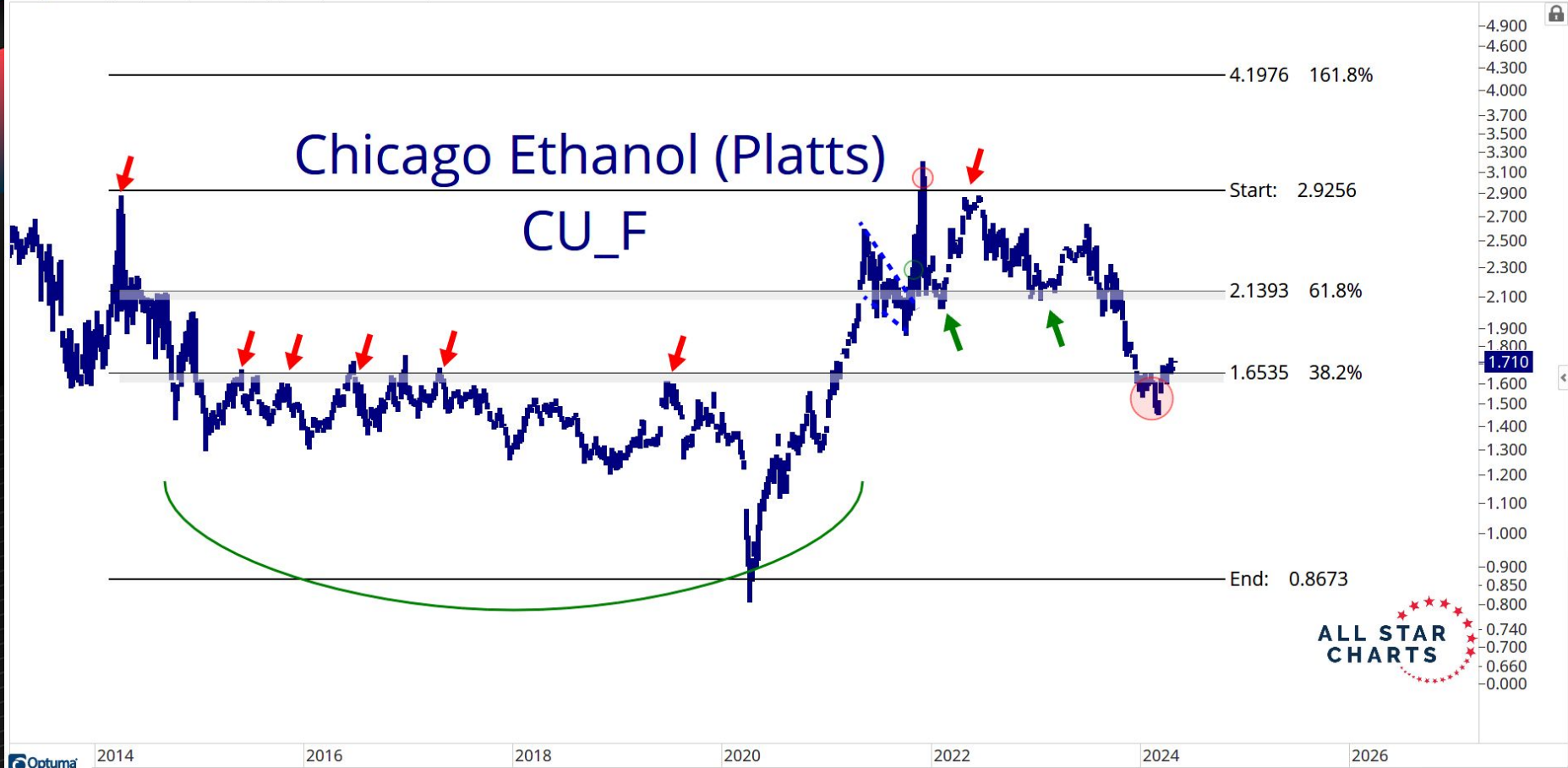
# Natural Gas Futures NG\_F



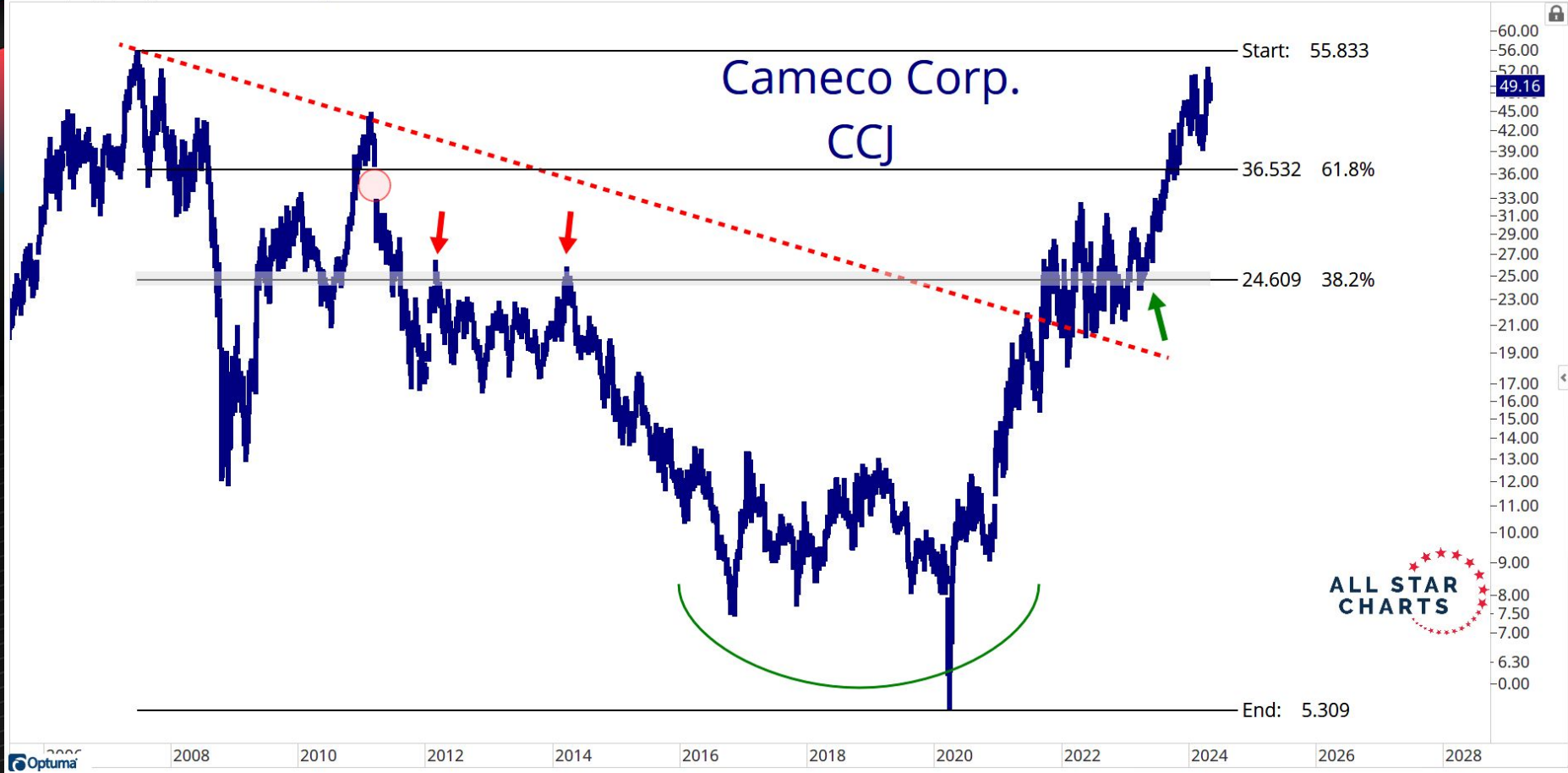
# Natural Gas ETF vs. Natural Gas Futures FCG/NG\_F



# Chicago Ethanol (Platts) CU\_F

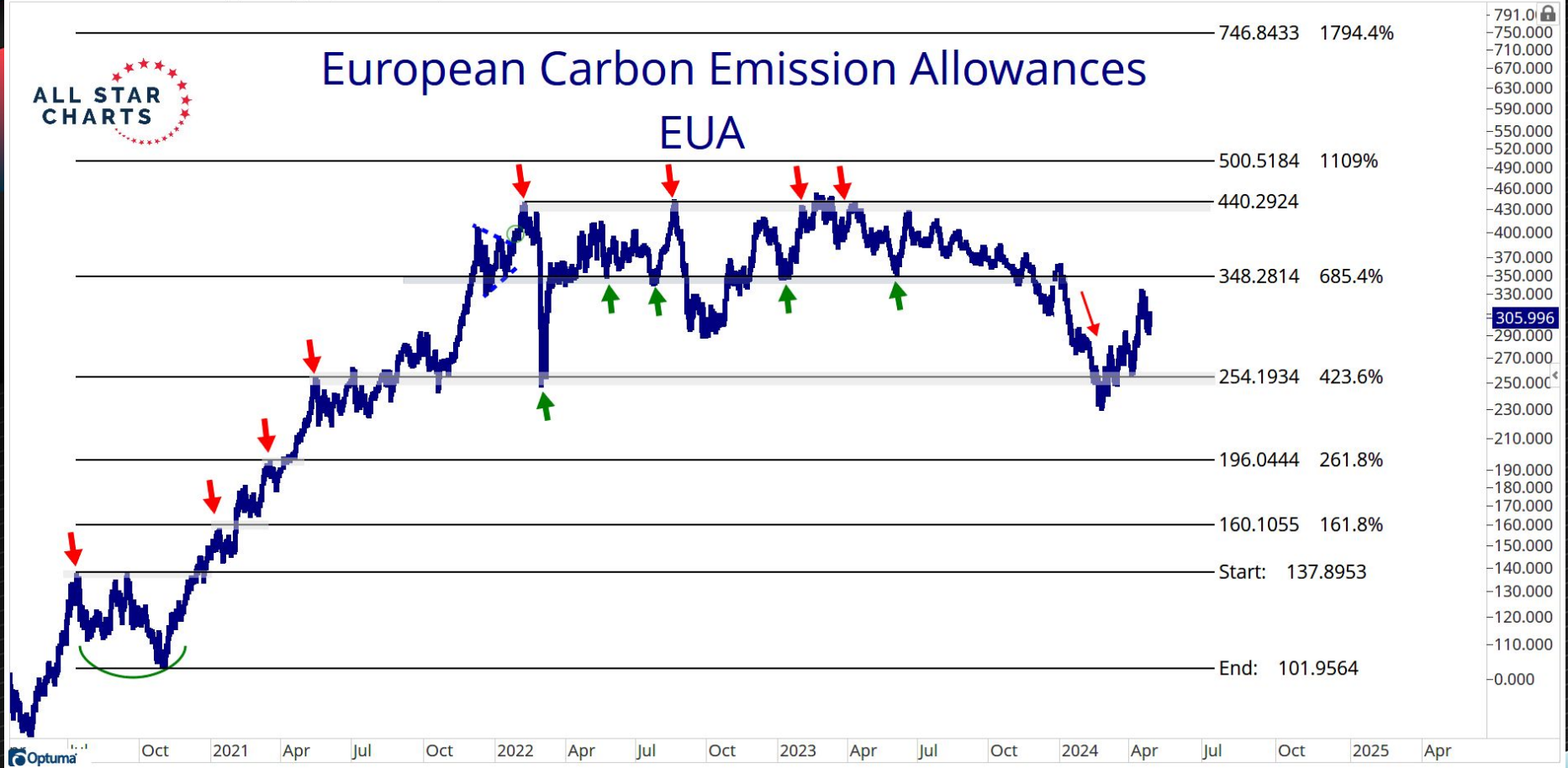


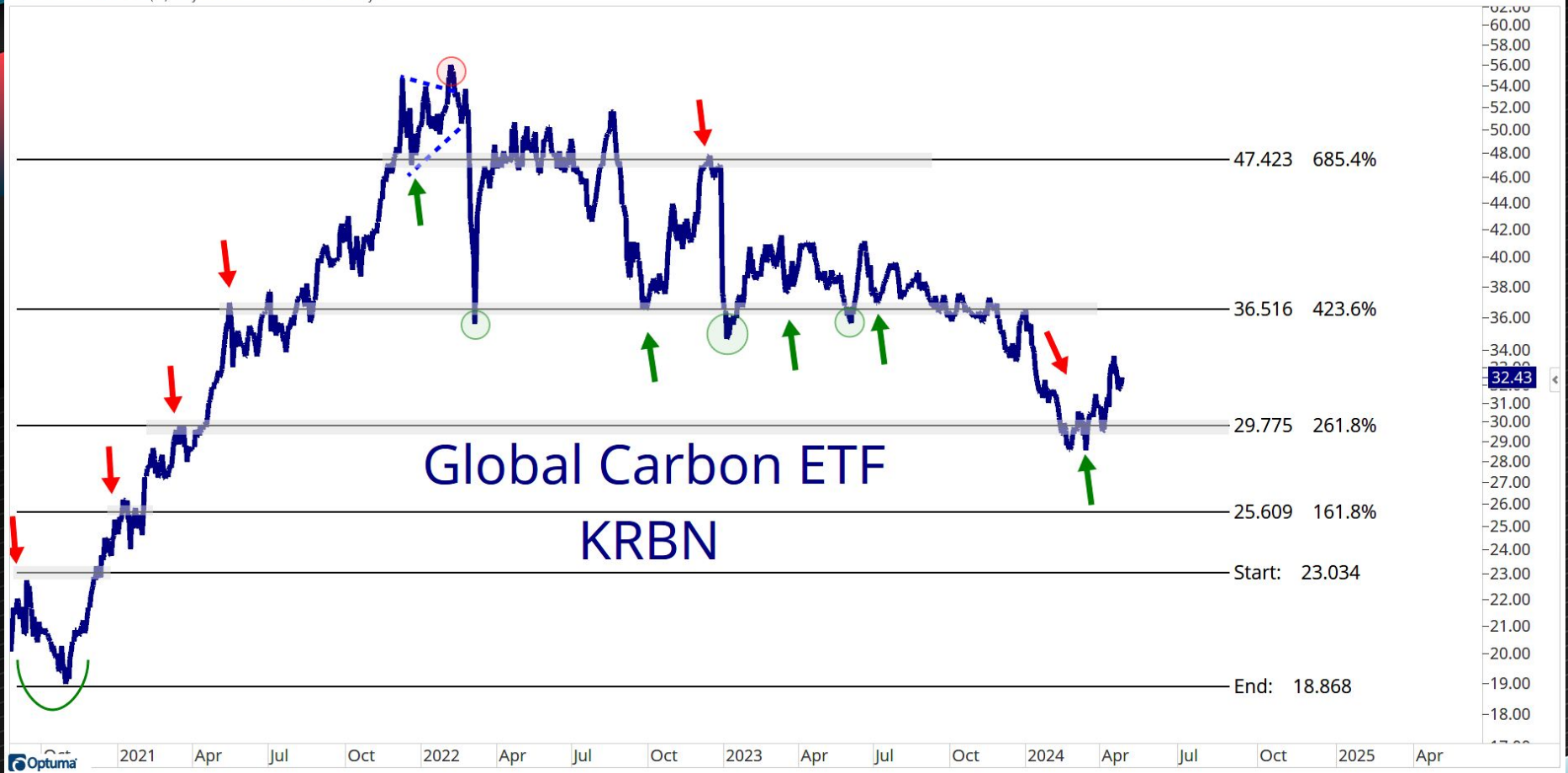




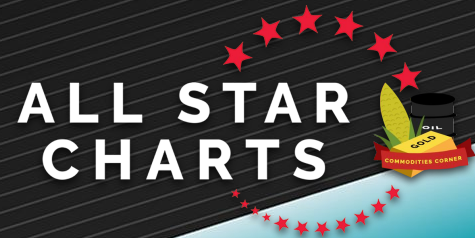


# European Carbon Emission Allowances EUA





# PRECIOUS METALS

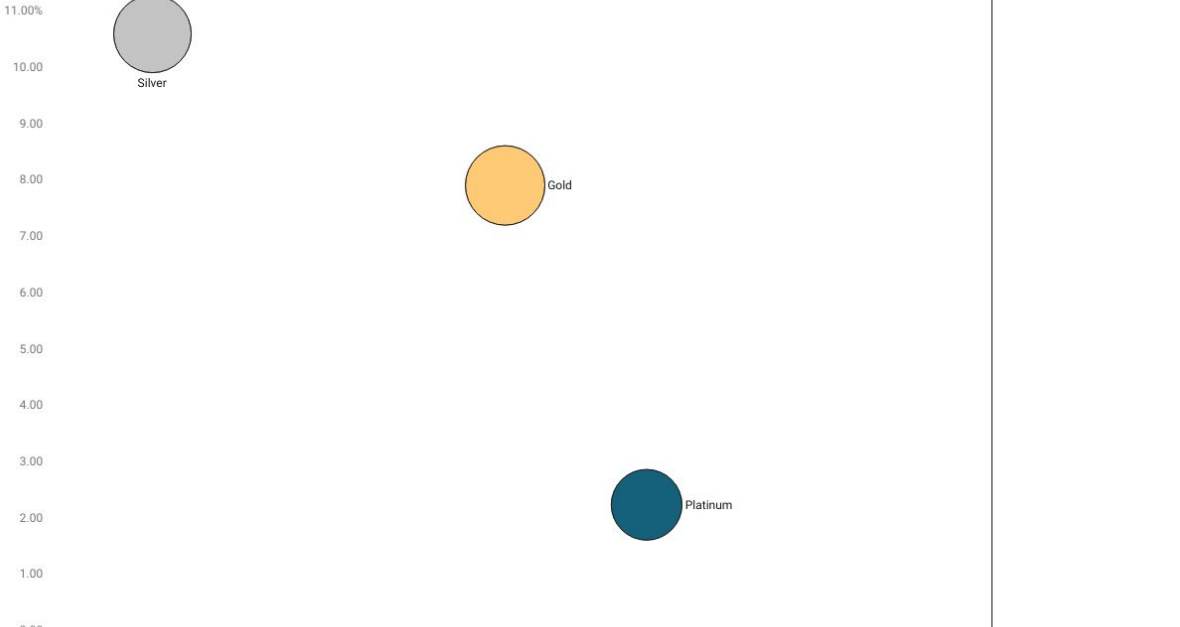




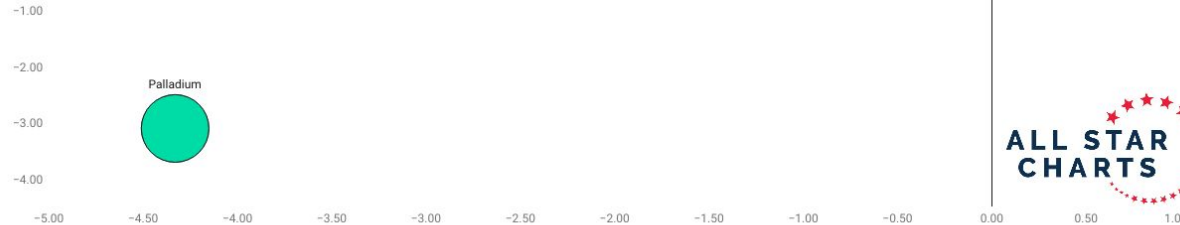
### Precious Metals Performance Table

Name	Current Price	5-Day Change	1-Mo. Change	3-Mo. Change	6-Mo. Change	1-Yr. Change	3-Yr. Change
<b>Platinum</b>	926.00	-1.83%	2.23%	3.10%	1.42%	-16.15%	-24.84%
<b>Gold</b>	2,344.60	-2.58%	7.90%	16.01%	17.75%	16.77%	31.96%
<b>Palladium</b>	982.00	-4.33%	-3.09%	4.15%	-13.37%	-33.69%	-65.63%
<b>Silver</b>	27.50	-4.45%	10.59%	19.26%	19.36%	9.60%	5.43%

### Percentage Change – 1-Month



### Percentage Change – 5-Days



	Percent Off High/Low		Highs & Lows			
	52-Week Hi	52-Wk Lo	4-Week (Mo)	13-Week (Qtr)	52-Week (Yr)	All-Time
First Majestic Silver Corporation (AG)	-10.9%	52.5%				
AngloGold Ashanti Ltd (AU)	-19.6%	44.2%				
Hecla Mining Co. (HL)	-17.5%	41.5%				
Novagold Resources Inc. (NG)	-48.4%	22.4%	New Low			
Seabridge Gold, Inc. (SA)	-3.7%	56.8%				
Agnico Eagle Mines Ltd (AEM)	0.0%	44.0%	New High	New High	New High	
Alamos Gold Inc. (AGI)	-2.1%	35.7%				
B2Gold Corp (BTG)	-37.4%	3.6%	New Low			
Compania de Minas Buenaventura (BVN)	-3.5%	155.7%	New High			
Coeur Mining Inc (CDE)	-1.0%	128.4%				
Eldorado Gold Corp. (EGO)	-2.4%	70.7%				
Freeport-McMoRan Inc (FCX)	-0.4%	46.7%				
Franco-Nevada Corporation (FNV)	-23.6%	13.6%				
Gold Fields Ltd (GFI)	-4.2%	60.2%				
Harmony Gold Mining Co Ltd (HMY)	-2.8%	157.3%				
Iamgold Corp. (IAG)	-0.3%	75.0%				
Kinross Gold Corp. (KGC)	-0.6%	47.6%				
MAG Silver Corp. (MAG)	-2.8%	50.1%	New High	New High		
McEwen Mining Inc (MUX)	0.0%	92.6%	New High	New High	New High	
Newmont Corp (NEM)	-10.9%	38.8%	New High	New High		
New Gold Inc (NGD)	-1.1%	97.8%				
Wheaton Precious Metals Corp (WPM)	0.0%	35.3%	New High	New High	New High	
Centerra Gold Inc. (CGAU)	-8.3%	36.2%	New High	New High		
Barrick Gold Corp. (GOLD)	-15.5%	17.4%				
Gold Resource Corporation (GORO)	-47.4%	104.9%				
Sandstorm Gold Ltd (SAND)	-10.3%	33.6%				
Sibanye Stillwater Limited (SBSW)	-49.5%	14.4%				
Pan American Silver Corp (PAAS)	-1.0%	47.6%				
Royal Gold, Inc. (RGLD)	-12.3%	18.8%				
SSR Mining Inc (SSRM)	-67.8%	38.7%	New High			



Highs & Lows			
4-Week (Mo)	13-Week (Qtr)	52-Week (Yr)	All-Time
27%	20%	10%	0%
<i>Percent of Watchlist at New Highs</i>			
7%	0%	0%	0%
<i>Percent of Watchlist at New Lows</i>			

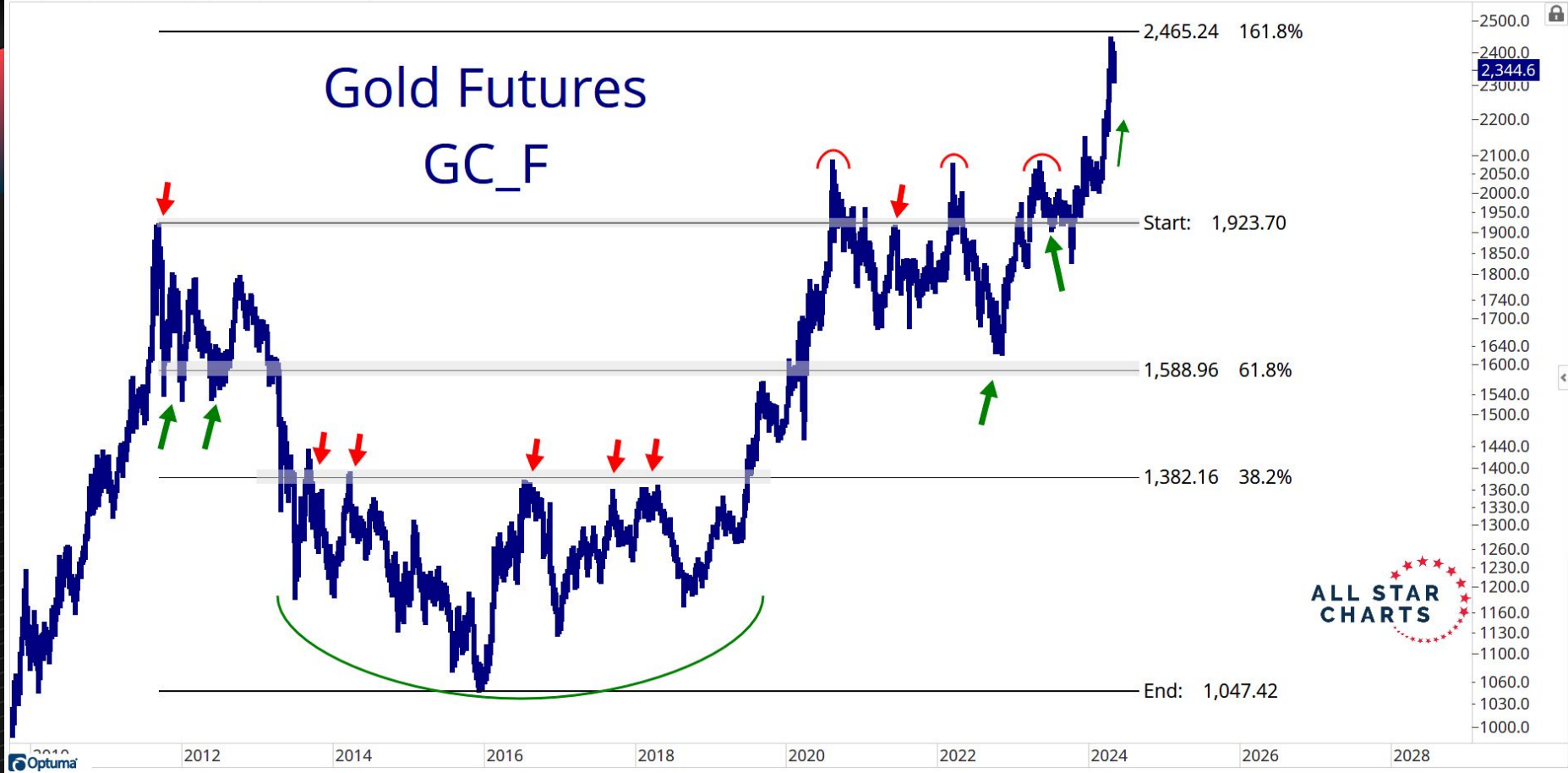


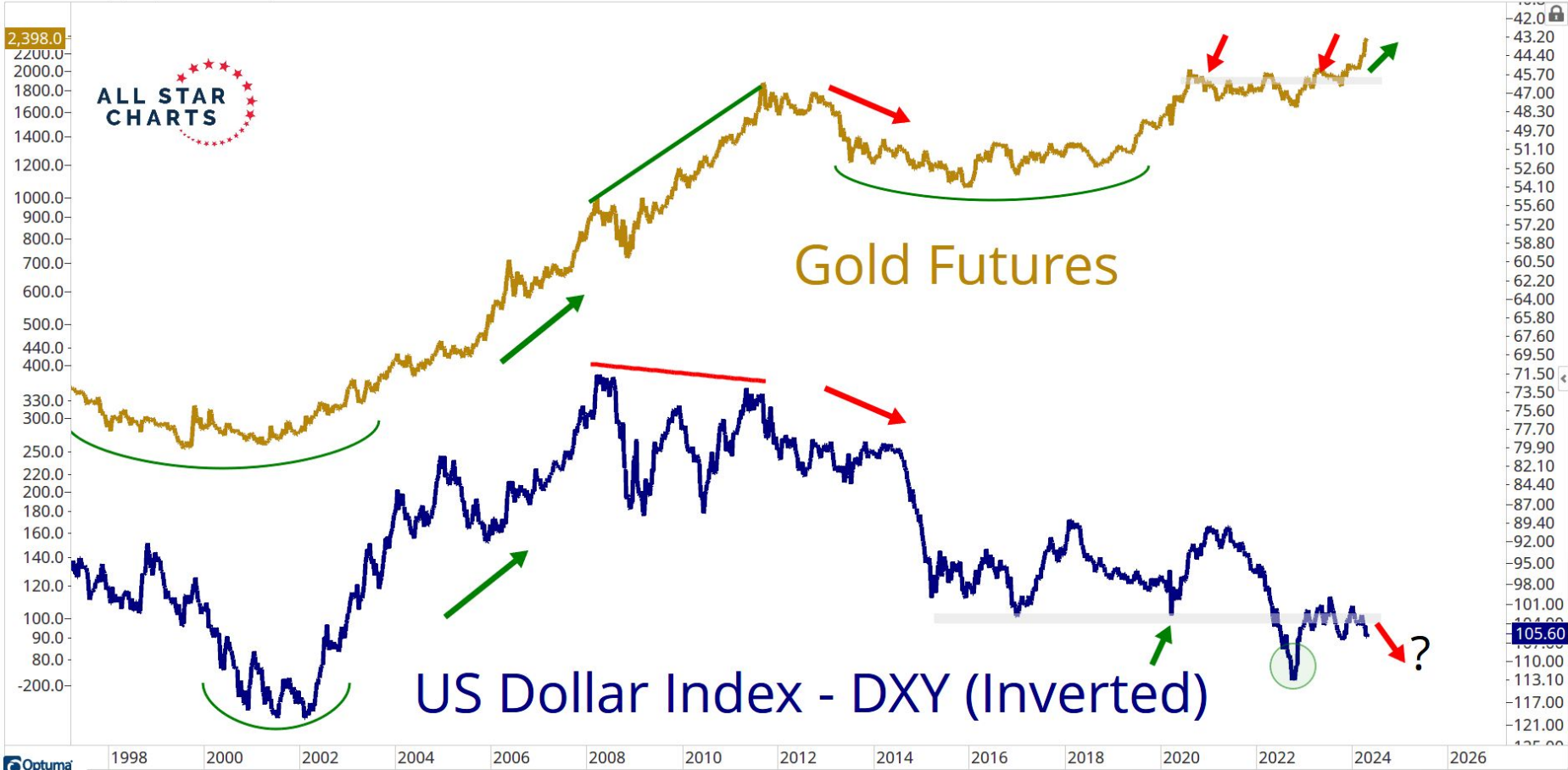
## Philadelphia Gold and Silver Index vs. Moving Averages

	5-Day Moving Average	10-Day Moving Average	20-Day Moving Average	50-Day Moving Average	100-Day Moving Average	150-Day Moving Average	200-Day Moving Average	250-Day Moving Average
First Majestic Silver Corporation (AG)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
AngloGold Ashanti Ltd (AU)	ABOVE	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Hecla Mining Co. (HL)	BELOW	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Novagold Resources Inc. (NG)	BELOW	BELOW	BELOW	ABOVE	BELOW	BELOW	BELOW	BELOW
Seabridge Gold, Inc. (SA)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Agnico Eagle Mines Ltd (AEM)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Alamos Gold Inc. (AGI)	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
B2Gold Corp (BTG)	ABOVE	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW	BELOW
Compania de Minas Buenaventura (BVN)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Coeur Mining Inc (CDE)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Eldorado Gold Corp. (EGO)	ABOVE	BELOW	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Freeport-McMoRan Inc (FCX)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Franco-Nevada Corporation (FNV)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW
Gold Fields Ltd (GFI)	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Harmony Gold Mining Co Ltd (HMY)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Iamgold Corp. (IAG)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Kinross Gold Corp. (KGC)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
MAG Silver Corp. (MAG)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
McEwen Mining Inc (MUX)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Newmont Corp (NEM)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
New Gold Inc (NGD)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Wheaton Precious Metals Corp (WPM)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Centerra Gold Inc. (CGAU)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Barrick Gold Corp. (GOLD)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Gold Resource Corporation (GORO)	ABOVE	ABOVE	BELOW	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Sandstorm Gold Ltd (SAND)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Sibanye Stillwater Limited (SBSW)	BELOW	BELOW	BELOW	ABOVE	ABOVE	BELOW	BELOW	BELOW
Pan American Silver Corp (PAAS)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
Royal Gold, Inc. (RGLD)	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE	ABOVE
SSR Mining Inc (SSRM)	ABOVE	ABOVE	ABOVE	ABOVE	BELOW	BELOW	BELOW	BELOW
Percent Positive:	87%	73%	67%	97%	90%	87%	83%	83%

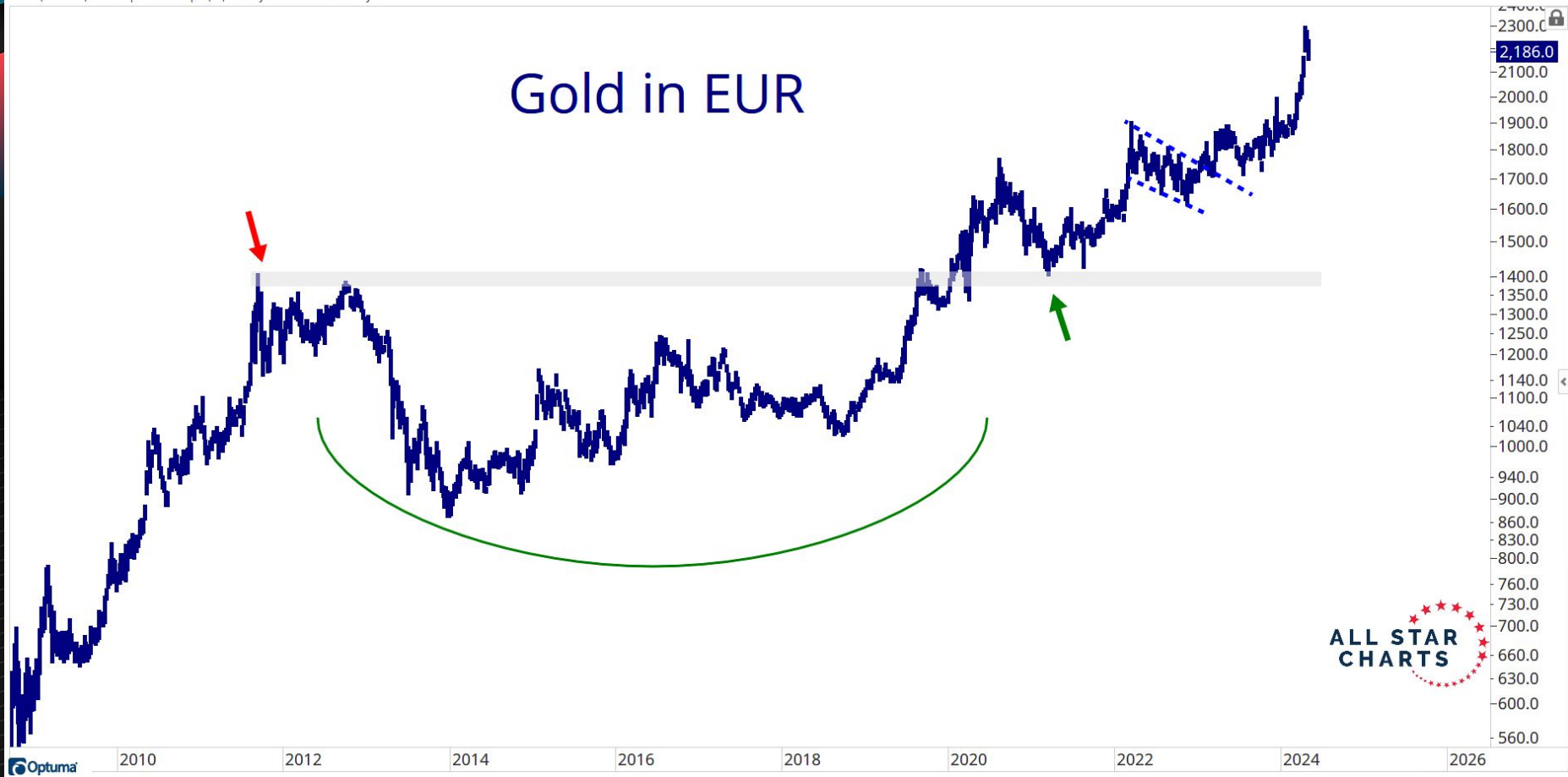


# Gold Futures GC\_F



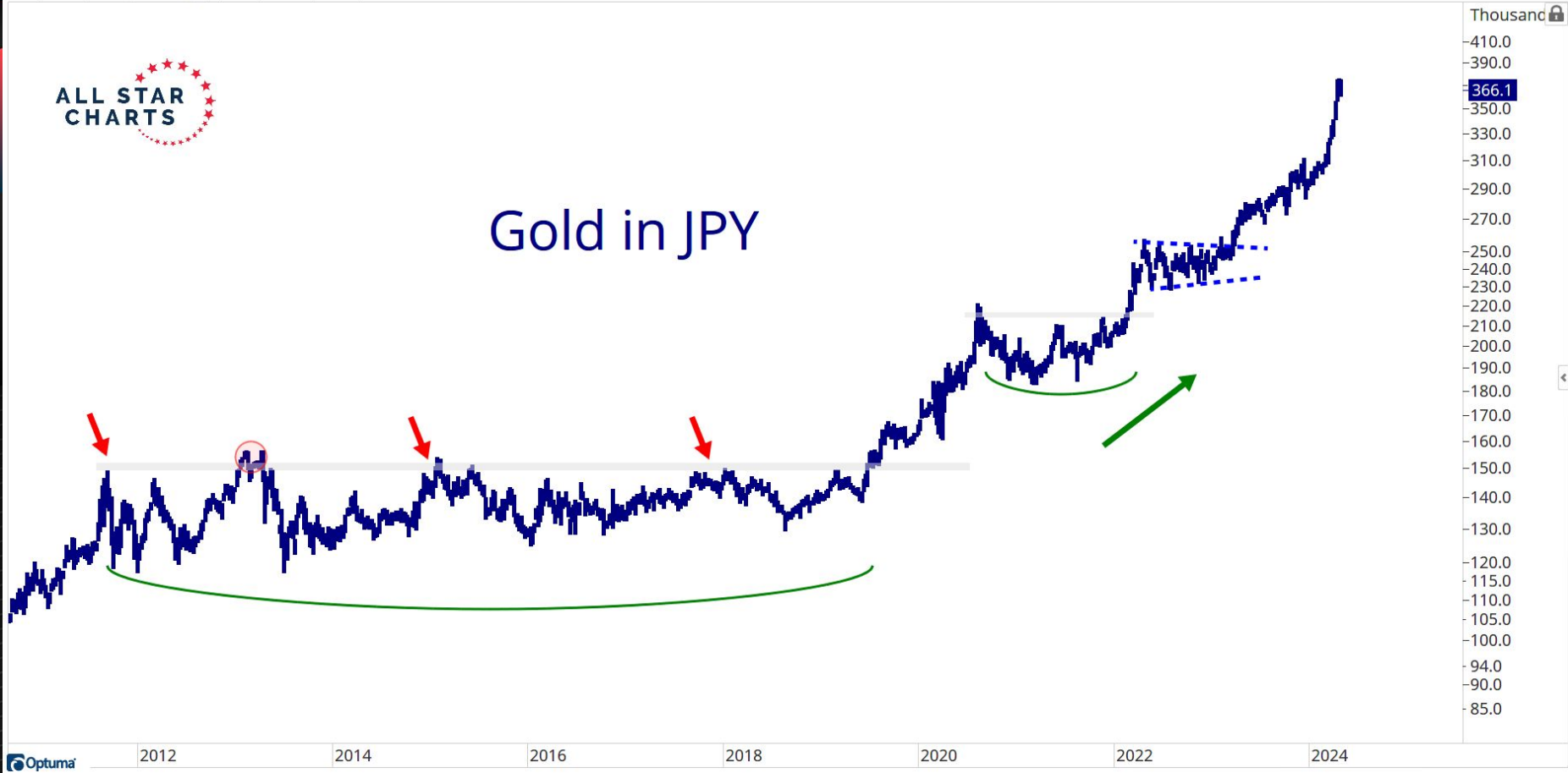


# Gold in EUR





# Gold in JPY



Thousands

410.0  
390.0  
366.1  
350.0  
330.0  
310.0  
290.0  
270.0  
250.0  
240.0  
230.0  
220.0  
210.0  
200.0  
190.0  
180.0  
170.0  
160.0  
150.0  
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120.0  
115.0  
110.0  
105.0  
100.0  
94.0  
90.0  
85.0



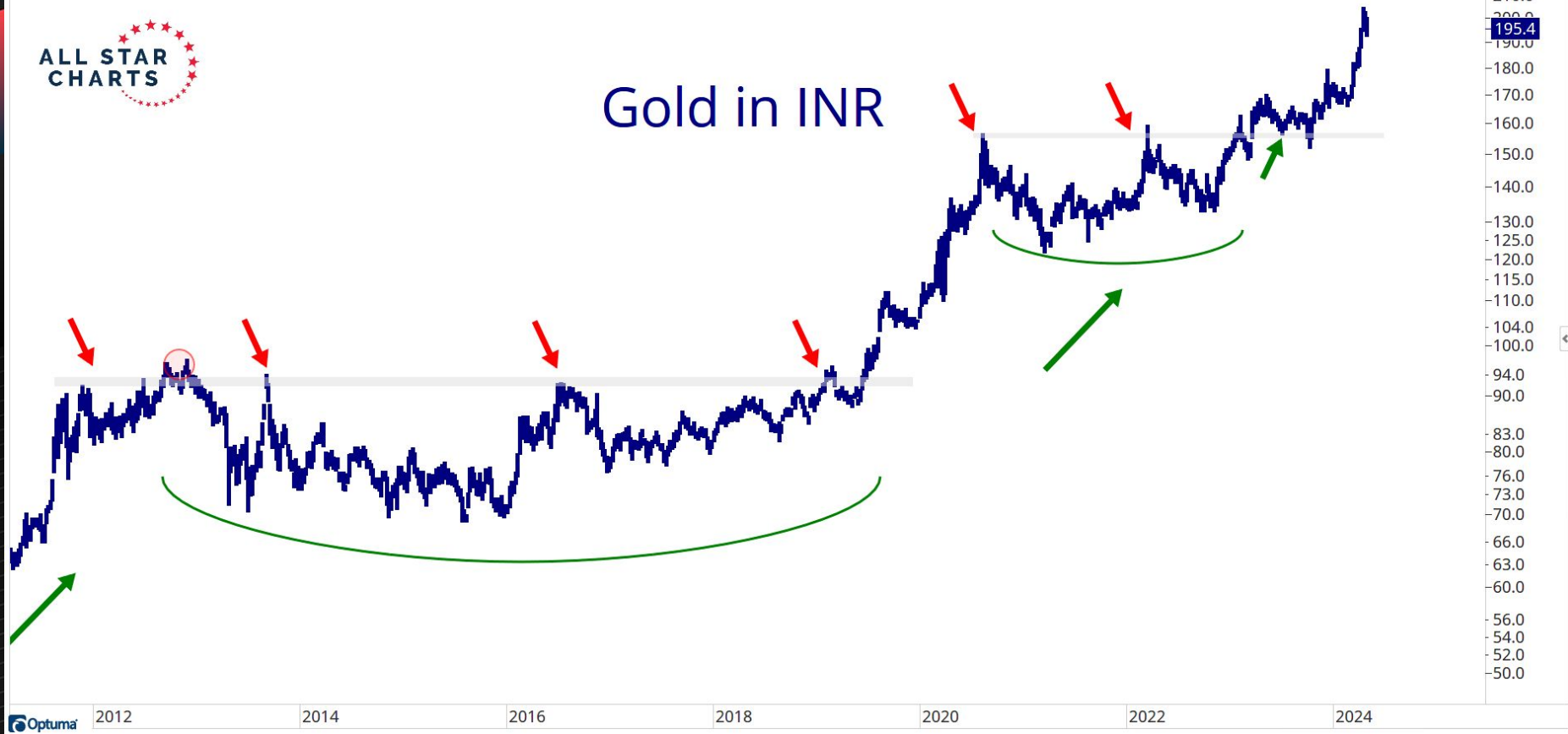


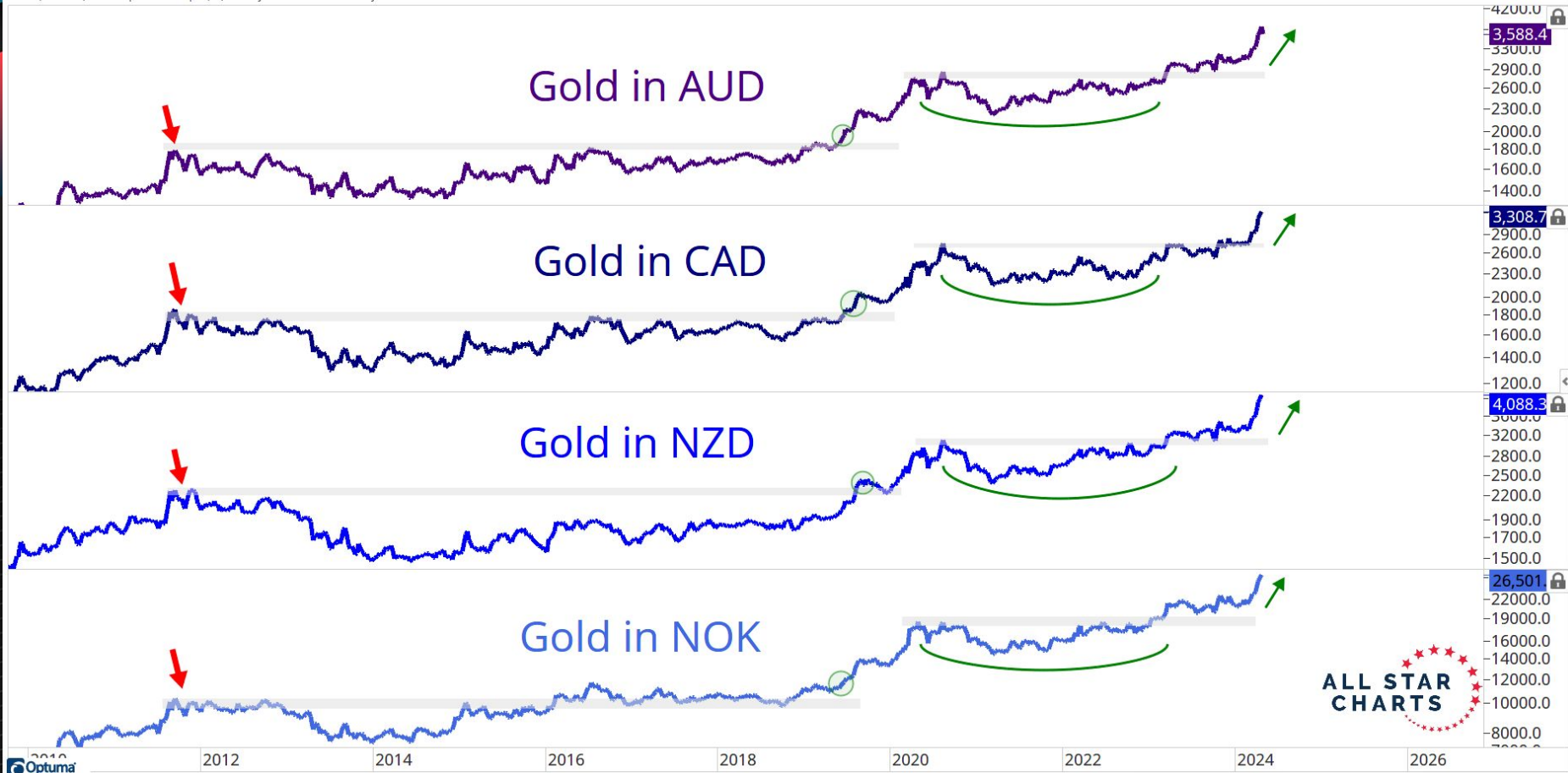
# Gold in GBP





# Gold in INR



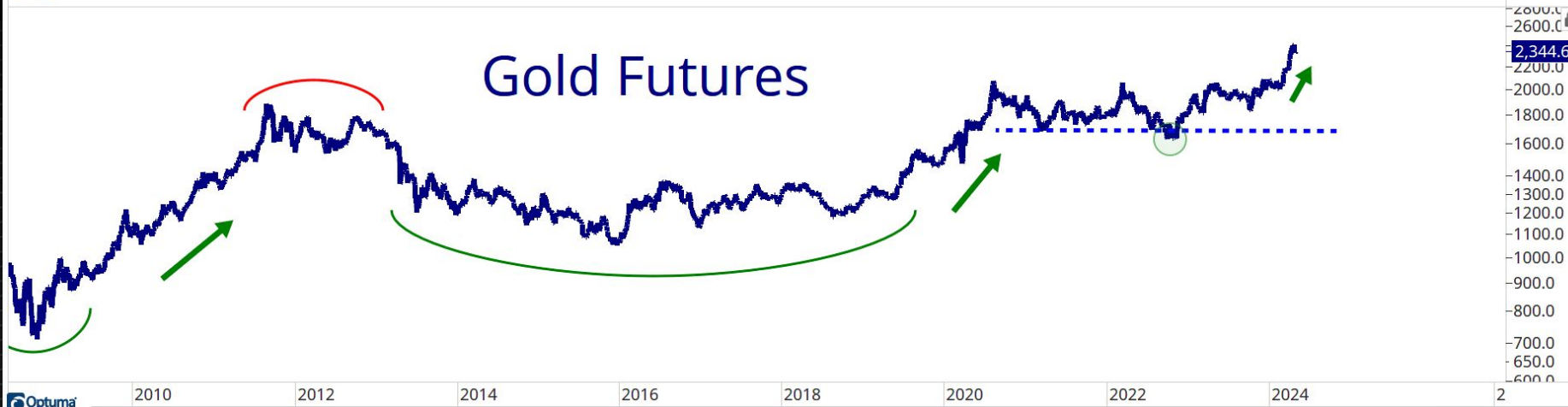




# US 10y Real Yield (Inverted)

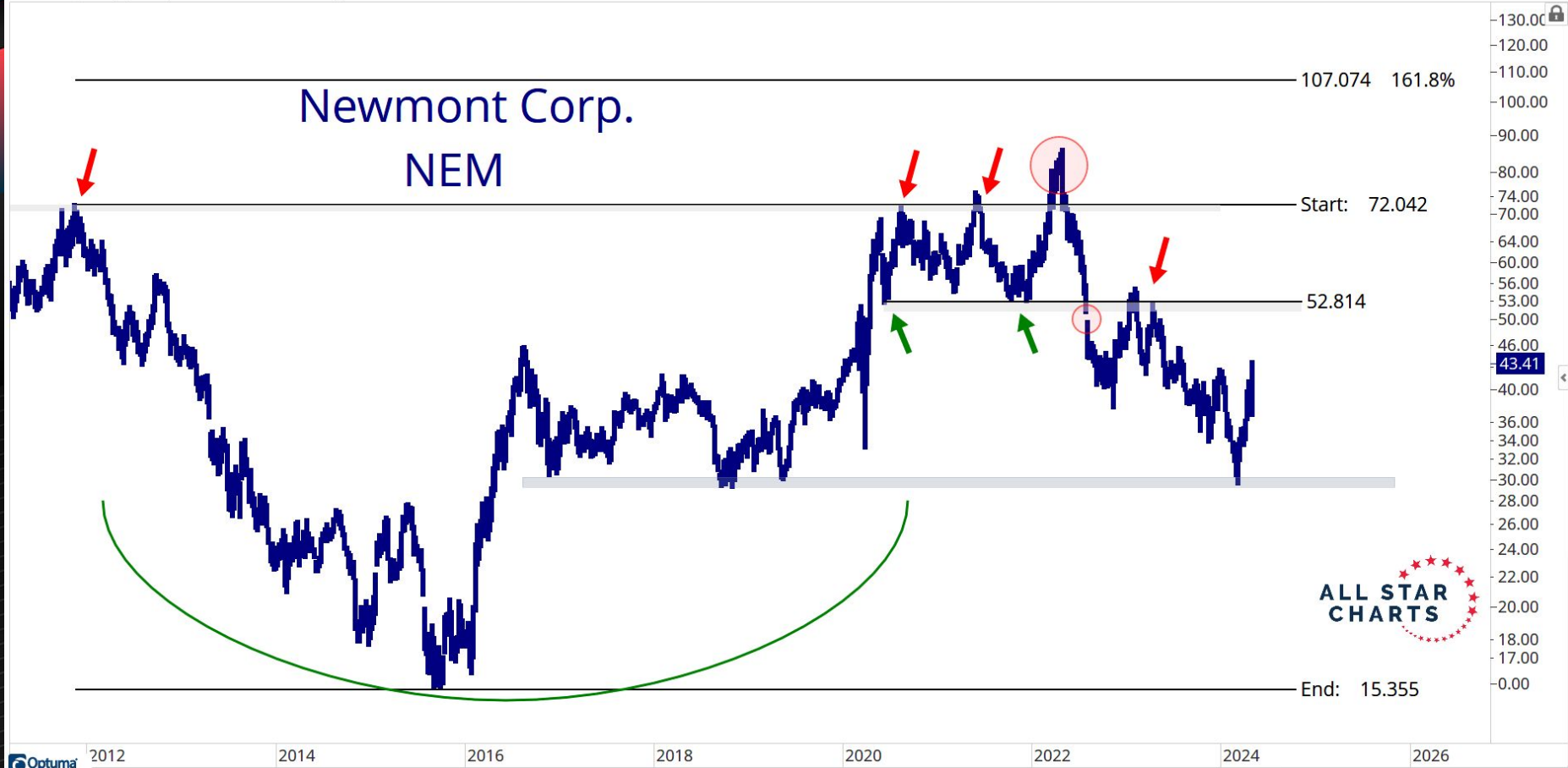


# Gold Futures





# Newmont Corp. NEM

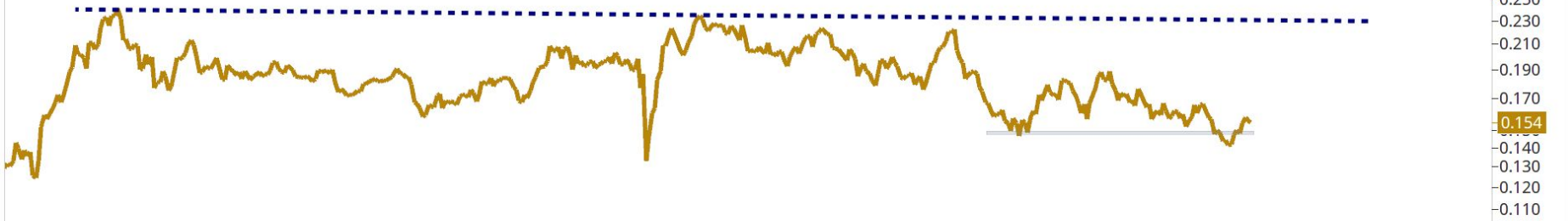


# Silver Futures SI\_F





# Gold Miners vs. Gold GDX/GLD



# Silver Miners vs. Silver SIL/SLV



# Silver / Gold Ratio SI\_F / GC\_F





# ASC Equal-Weight Precious Metals Index

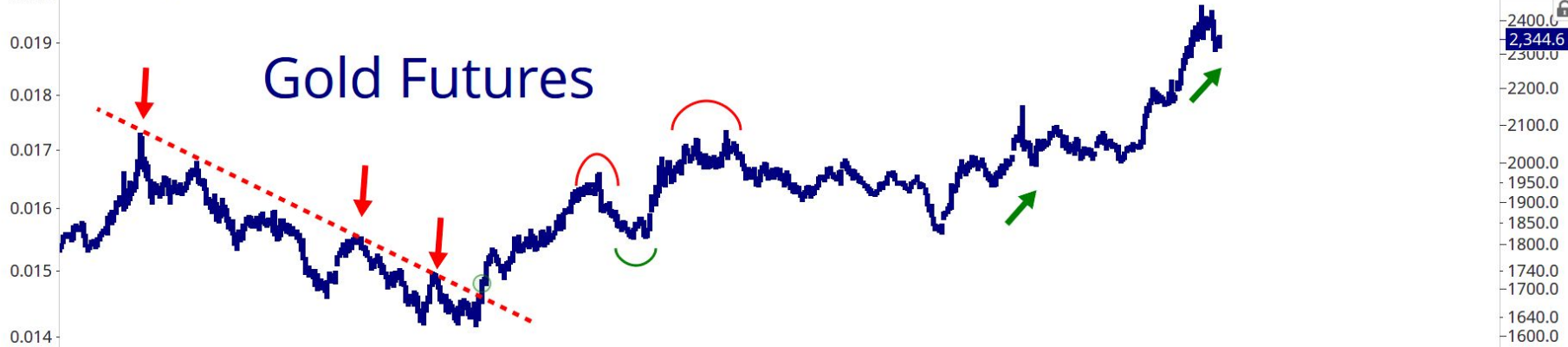
ALL STAR CHARTS

\*Gold Futures  
Silver Futures  
Platinum Futures

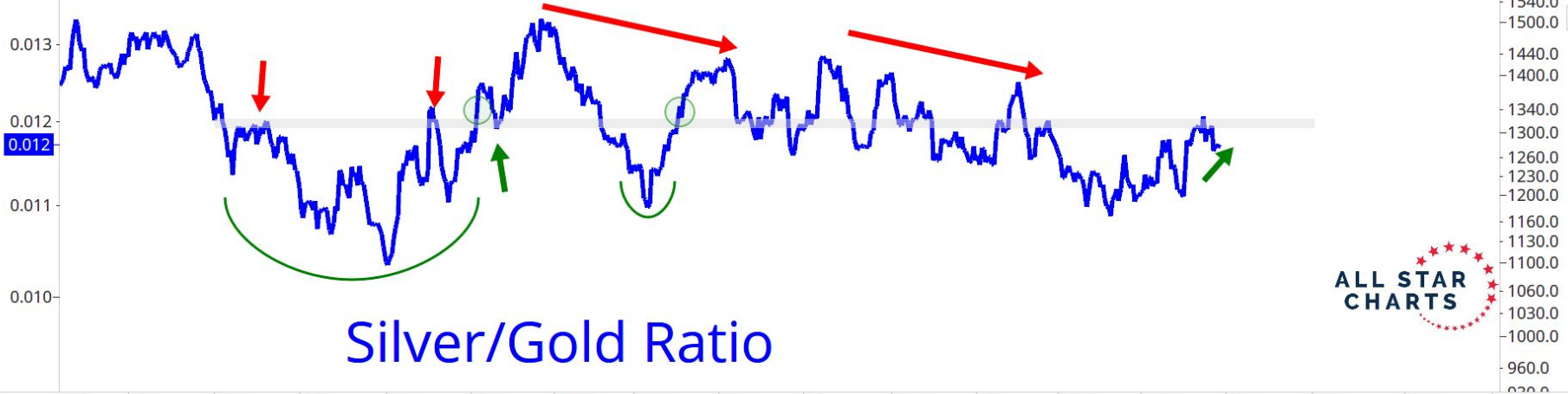




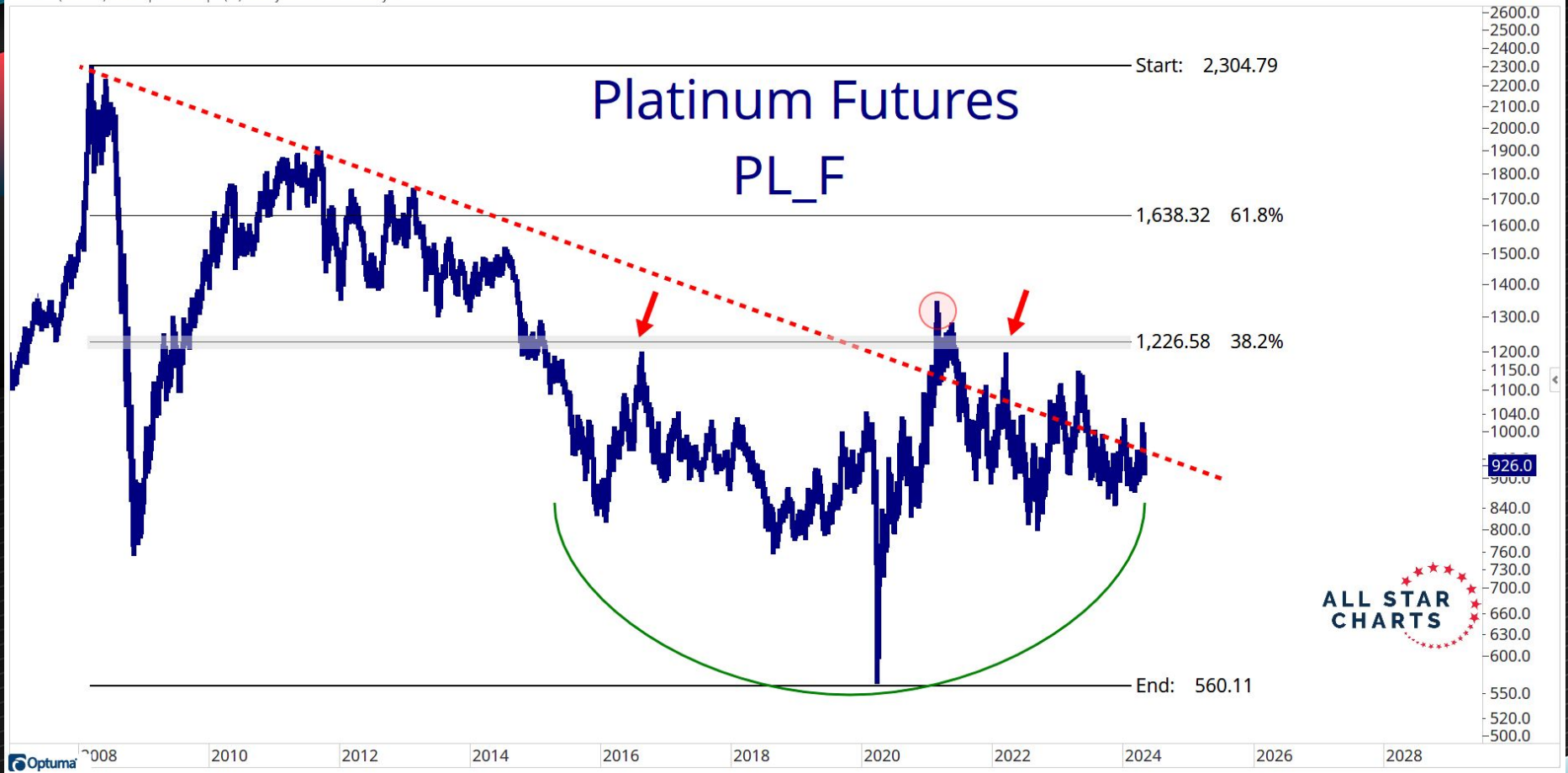
# Gold Futures



# Silver/Gold Ratio



ALL STAR CHARTS

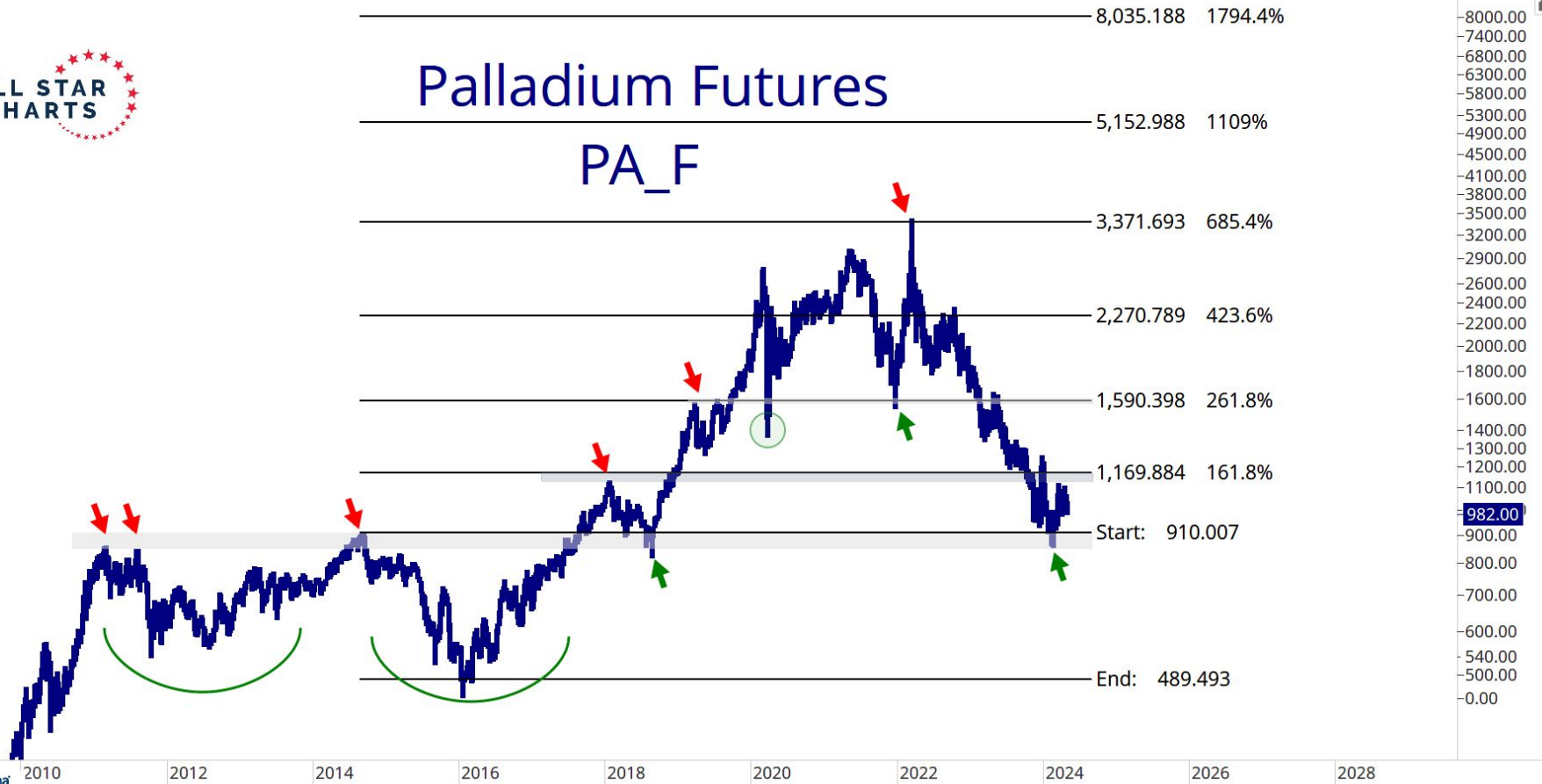




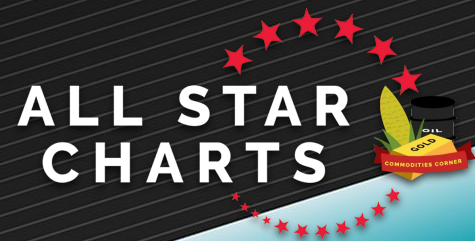


# Palladium Futures

## PA\_F



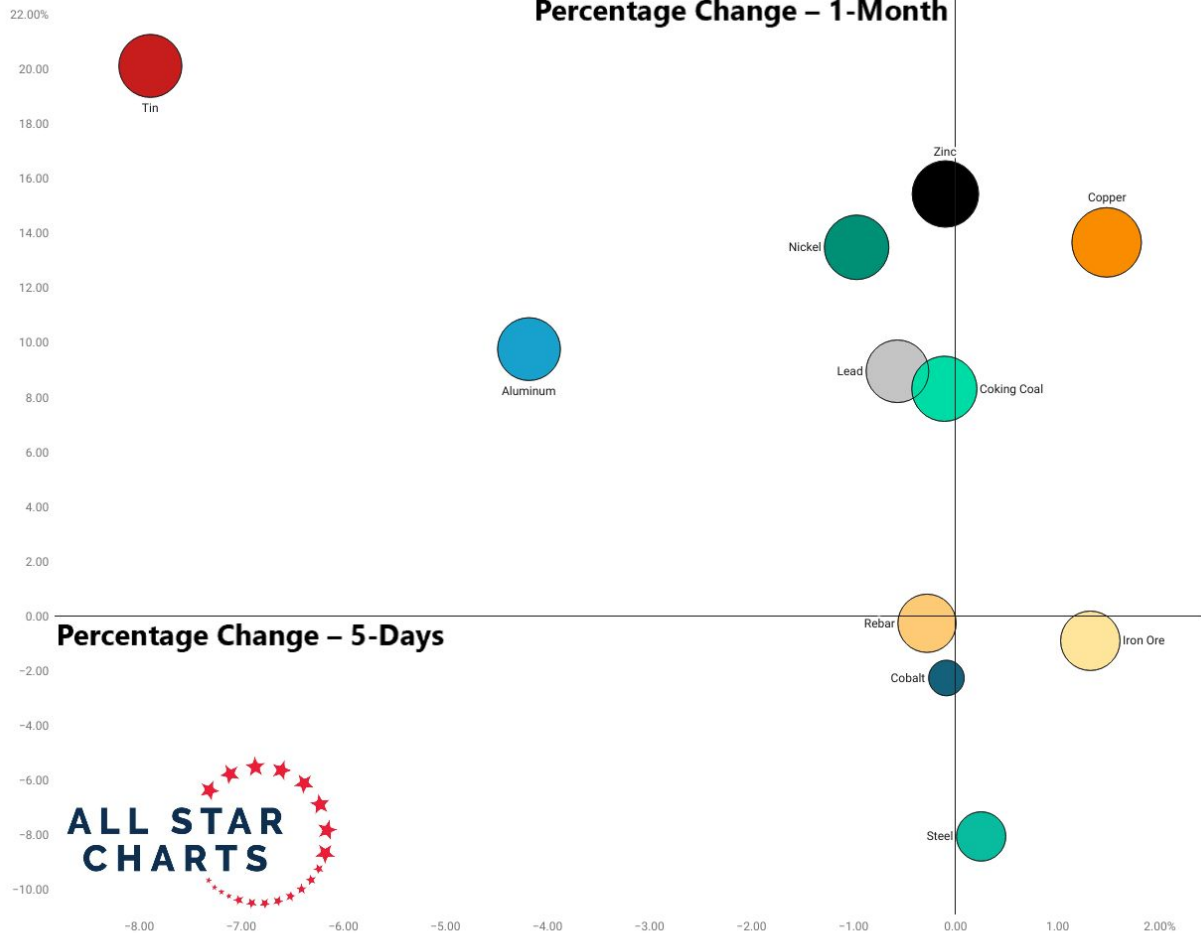
# BASE METALS



### Base Metals Performance Table

Name	Current Price	5-Day Change	1-Mo. Change	3-Mo. Change	6-Mo. Change	1-Yr. Change	3-Yr. Change
<b>Copper</b>	4.56	1.48%	13.67%	17.85%	27.13%	17.95%	5.24%
<b>Iron Ore</b>	109.68	1.32%	-0.89%	-19.08%	-7.43%	-6.73%	-38.02%
<b>Steel</b>	812.00	0.25%	-8.04%	-13.71%	15.67%	-25.23%	-40.43%
<b>Cobalt</b>	27,797.00	-0.09%	-2.25%	-3.46%	-15.98%	-19.65%	-44.13%
<b>Zinc</b>	2,846.59	-0.10%	15.44%	9.82%	14.90%	9.79%	0.18%
<b>Coking Coal</b>	1,803.50	-0.11%	8.32%	-2.78%	2.04%	21.49%	3.12%
<b>Rebar</b>	3,589.00	-0.28%	-0.25%	-9.14%	-0.55%	-3.91%	-31.11%
<b>Lead</b>	2,186.62	-0.57%	8.96%	0.73%	5.28%	3.74%	6.81%
<b>Nickel</b>	19,037.00	-0.97%	13.49%	15.21%	5.00%	-18.32%	16.33%
<b>Aluminum</b>	2,551.11	-4.18%	9.77%	14.62%	15.16%	9.80%	8.11%
<b>Tin</b>	33,152.00	-7.89%	20.12%	25.01%	32.21%	29.01%	18.27%

## Percentage Change – 1-Month



## Percentage Change – 5-Days





- Base Metals:
  - Copper Futures
  - Aluminum Futures
  - Steel Futures
  - Nickel Futures
  - Tin Futures
  - Zinc Futures
  - Lead Futures
  - Iron Ore Futures

# Equal-Weight Base / Precious Metals Ratio

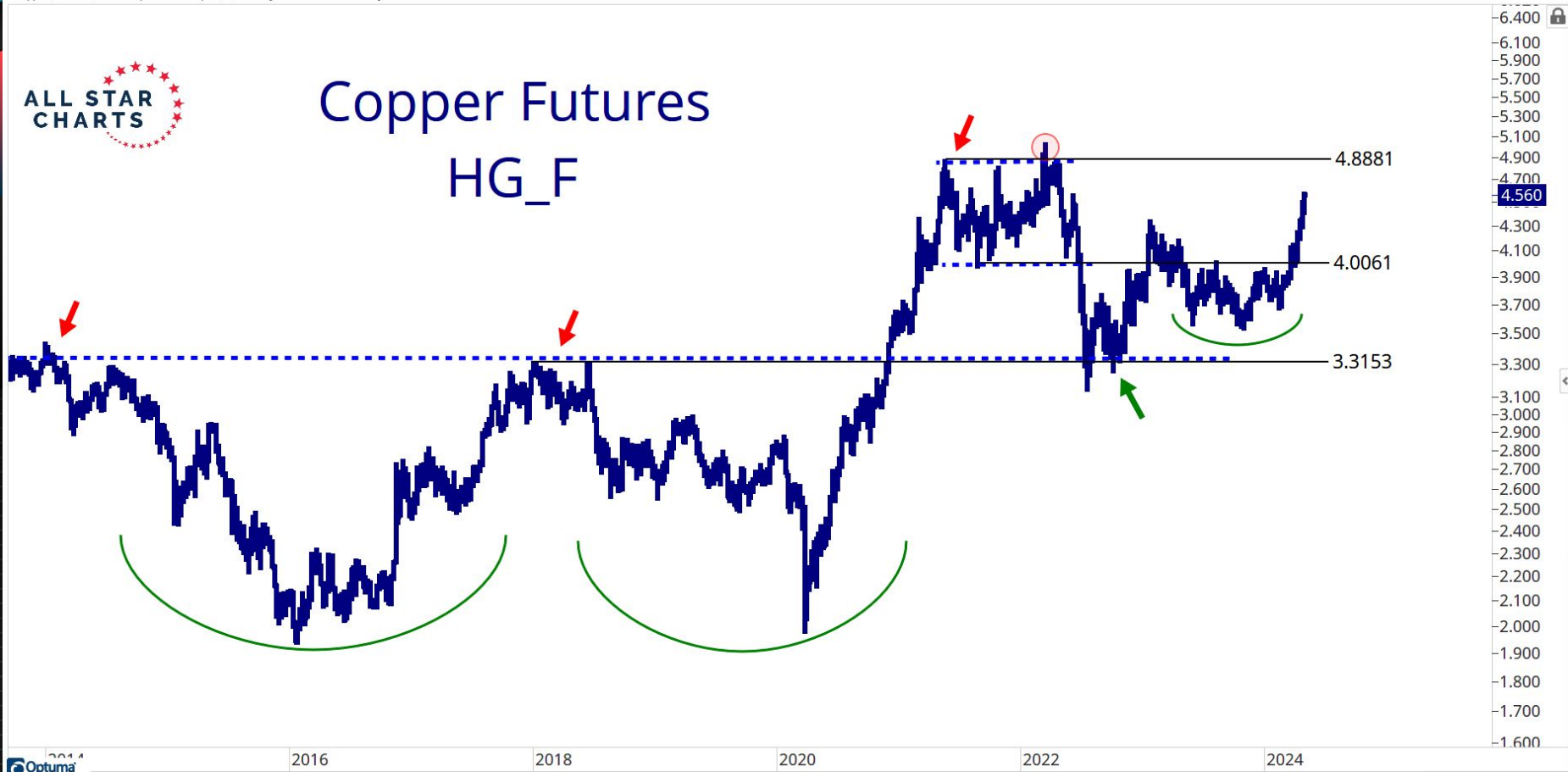


- Precious Metals:
  - Gold Futures
  - Silver Futures
  - Platinum Futures

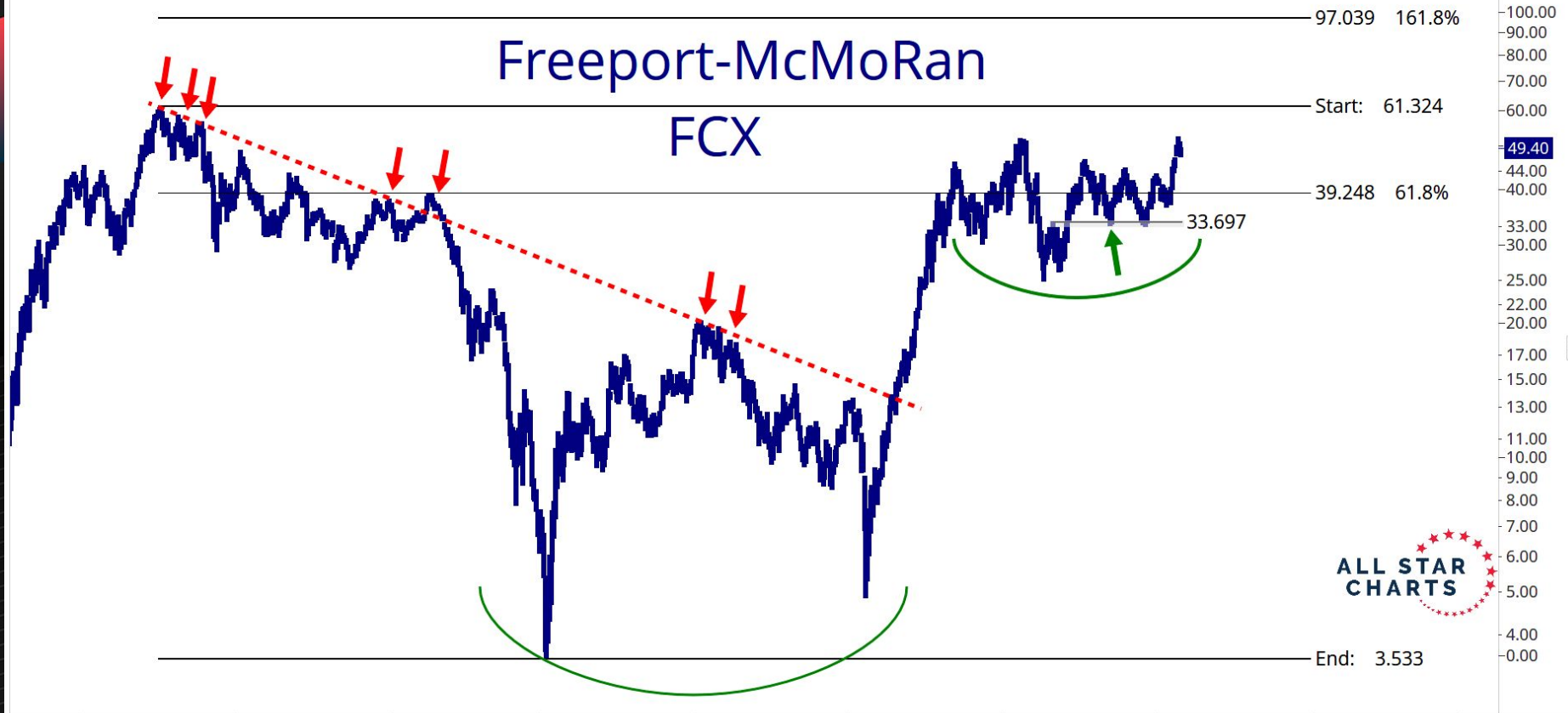


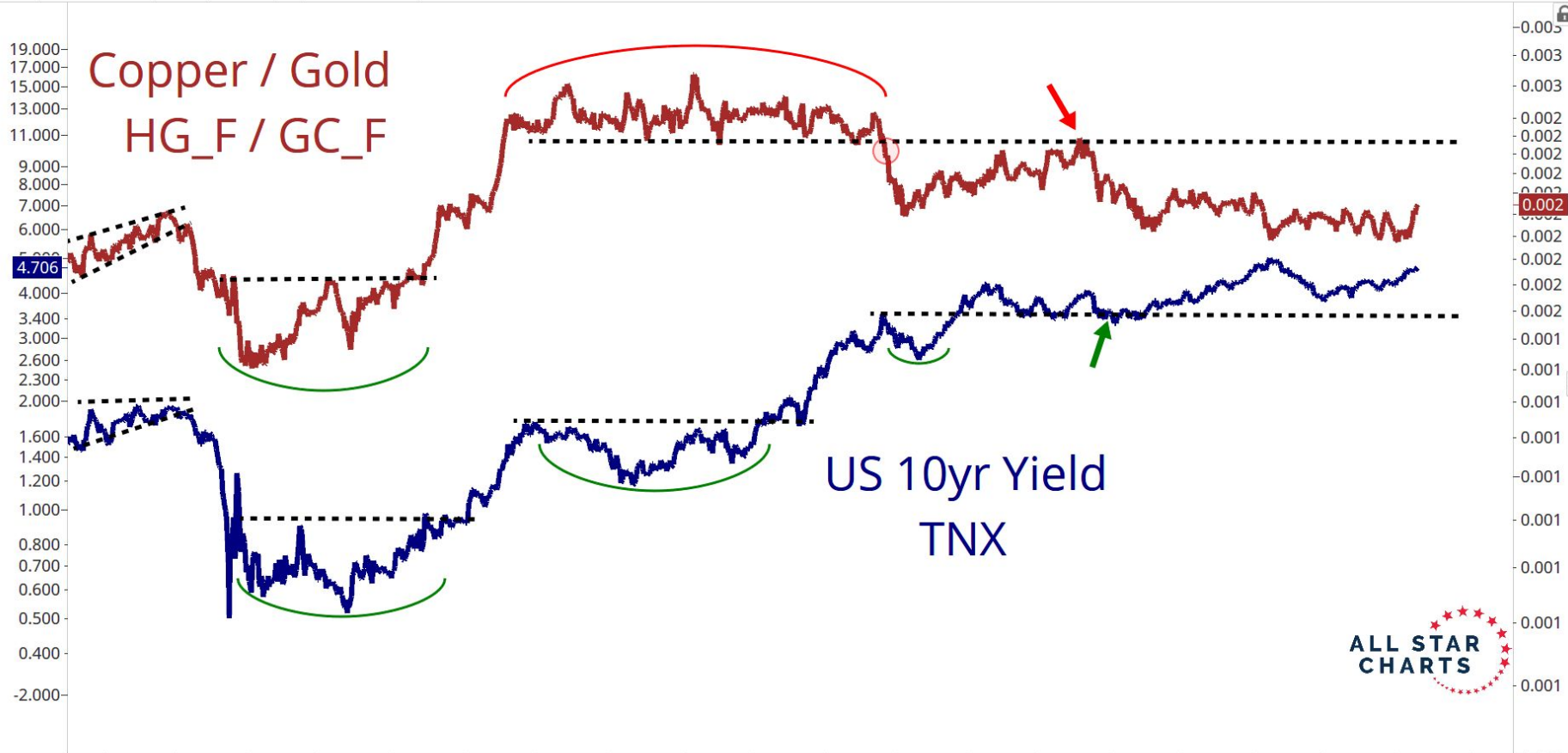


# Copper Futures HG\_F



# Freeport-McMoRan FCX



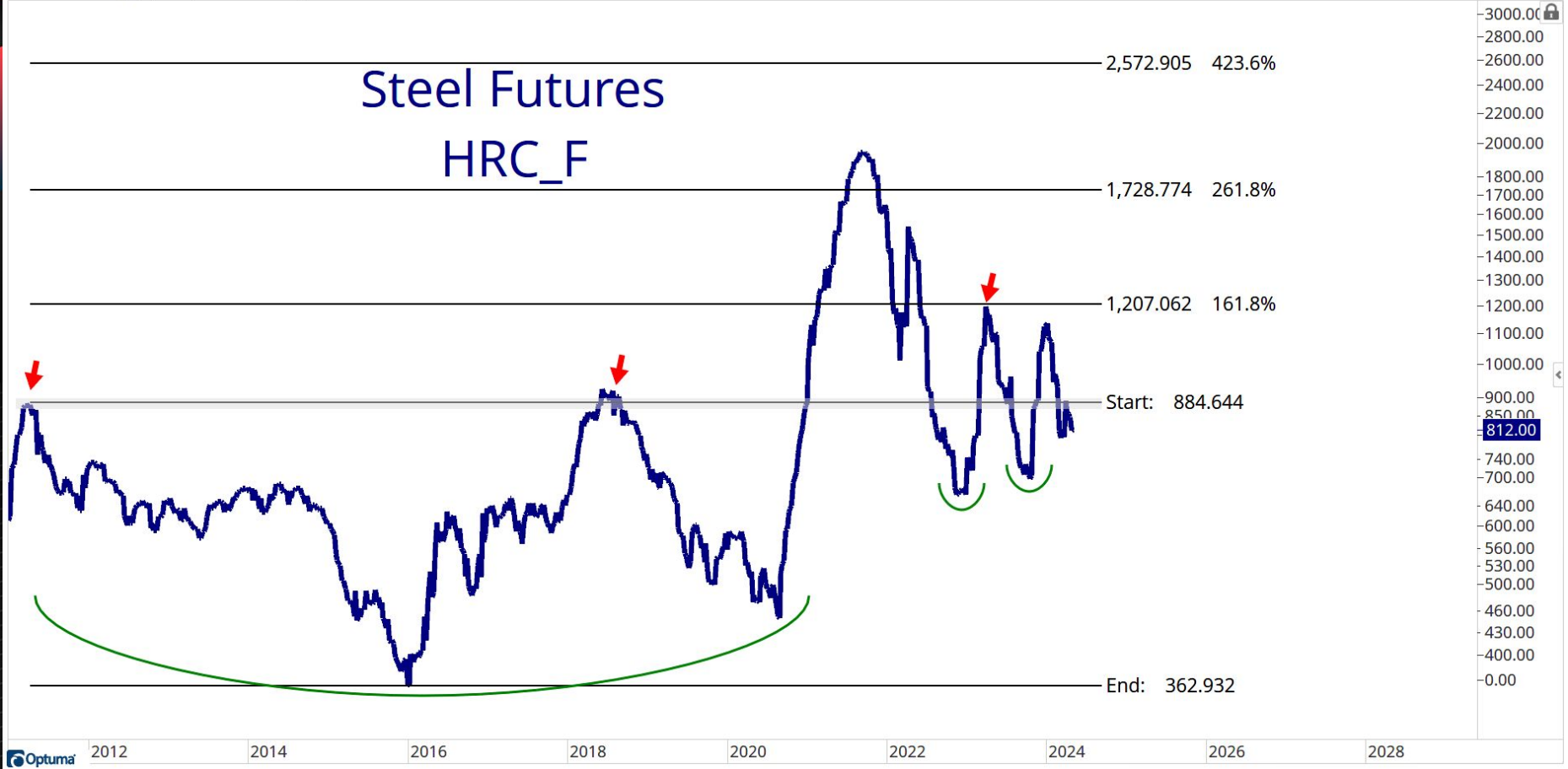




# Aluminum Futures AH\_F



# Steel Futures HRC\_F

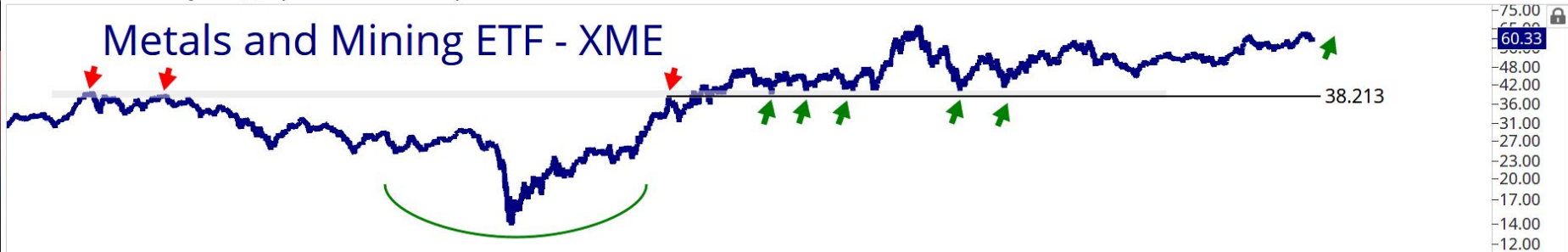


# United States Steel Corp.

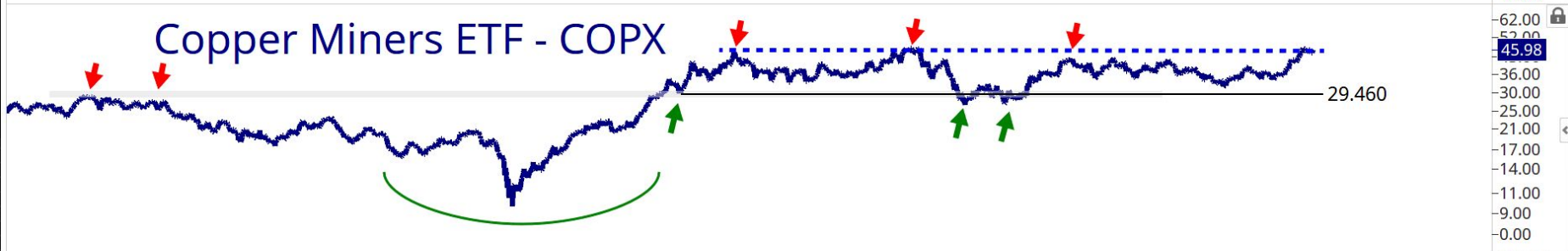
X



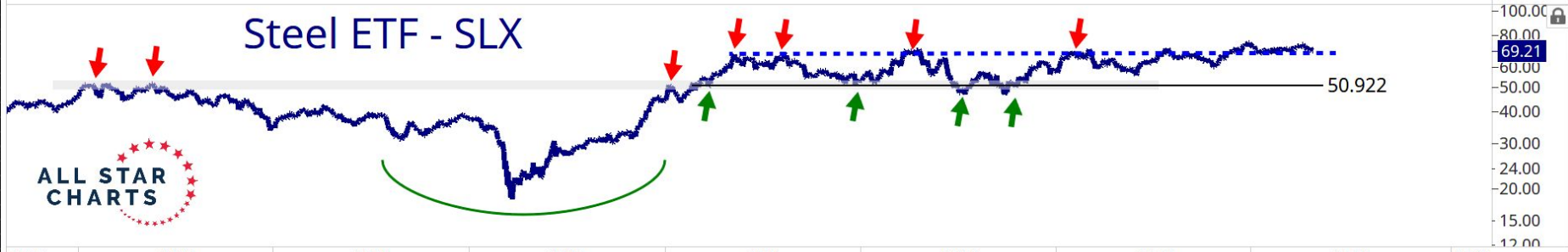
# Metals and Mining ETF - XME



# Copper Miners ETF - COPX



# Steel ETF - SLX

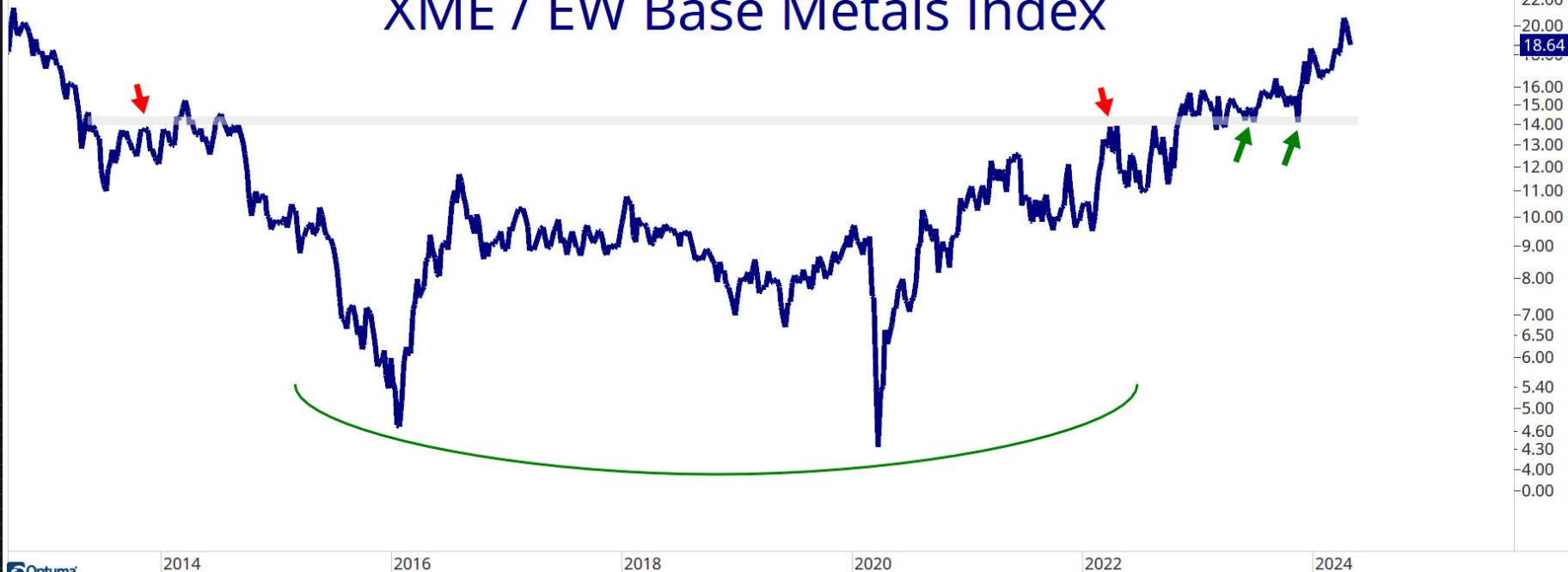






# Metals & Miners vs. Base Metals

## XME / EW Base Metals Index



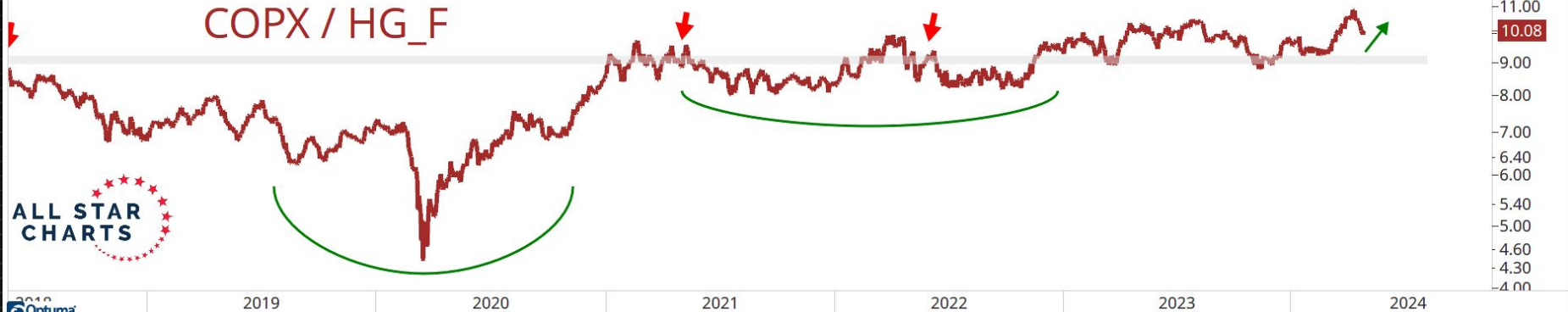
# Steel ETF vs. Steel Futures

SLX / HRC\_F



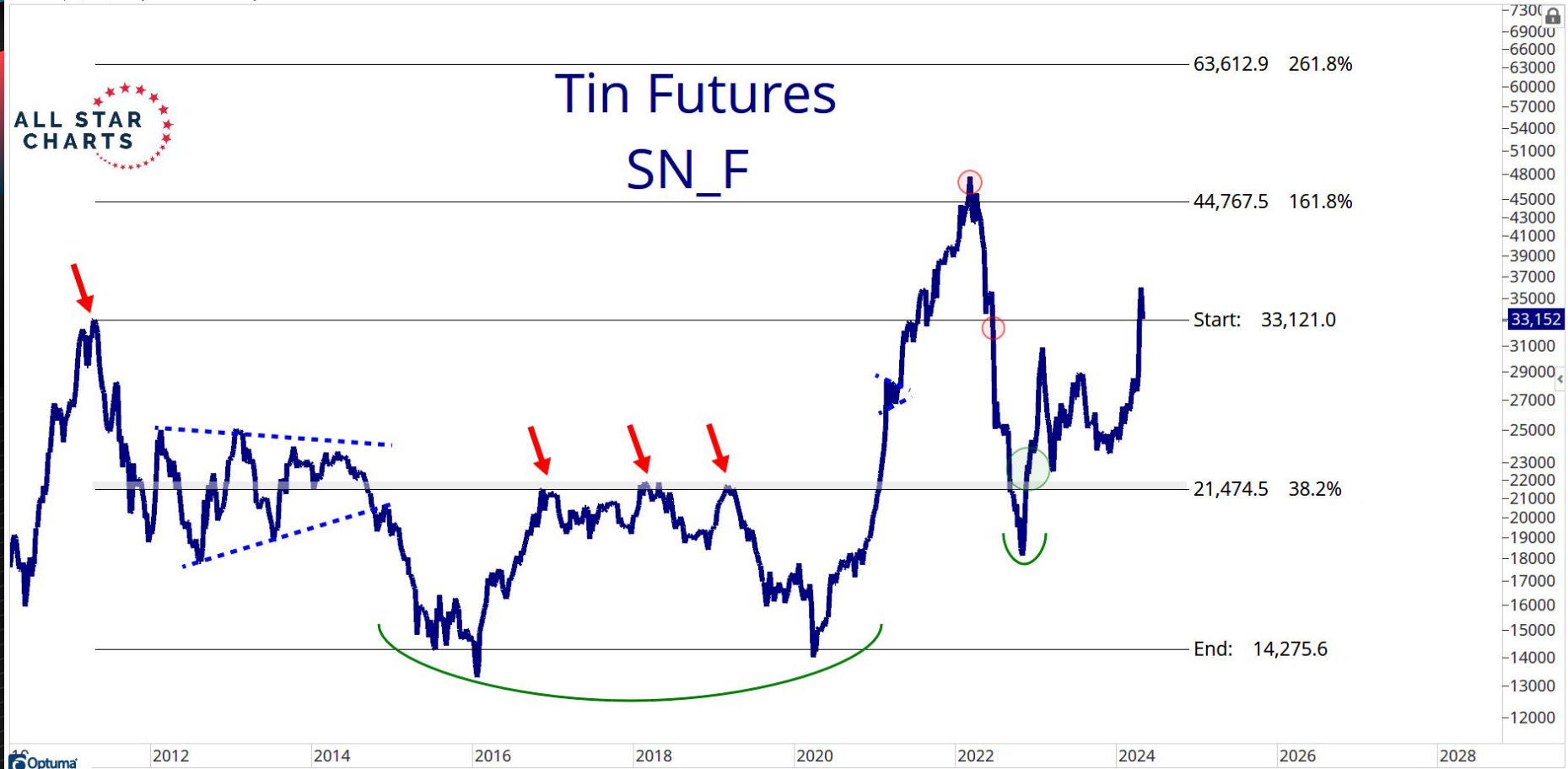
# Copper Miners vs. Copper Futures

COPX / HG\_F

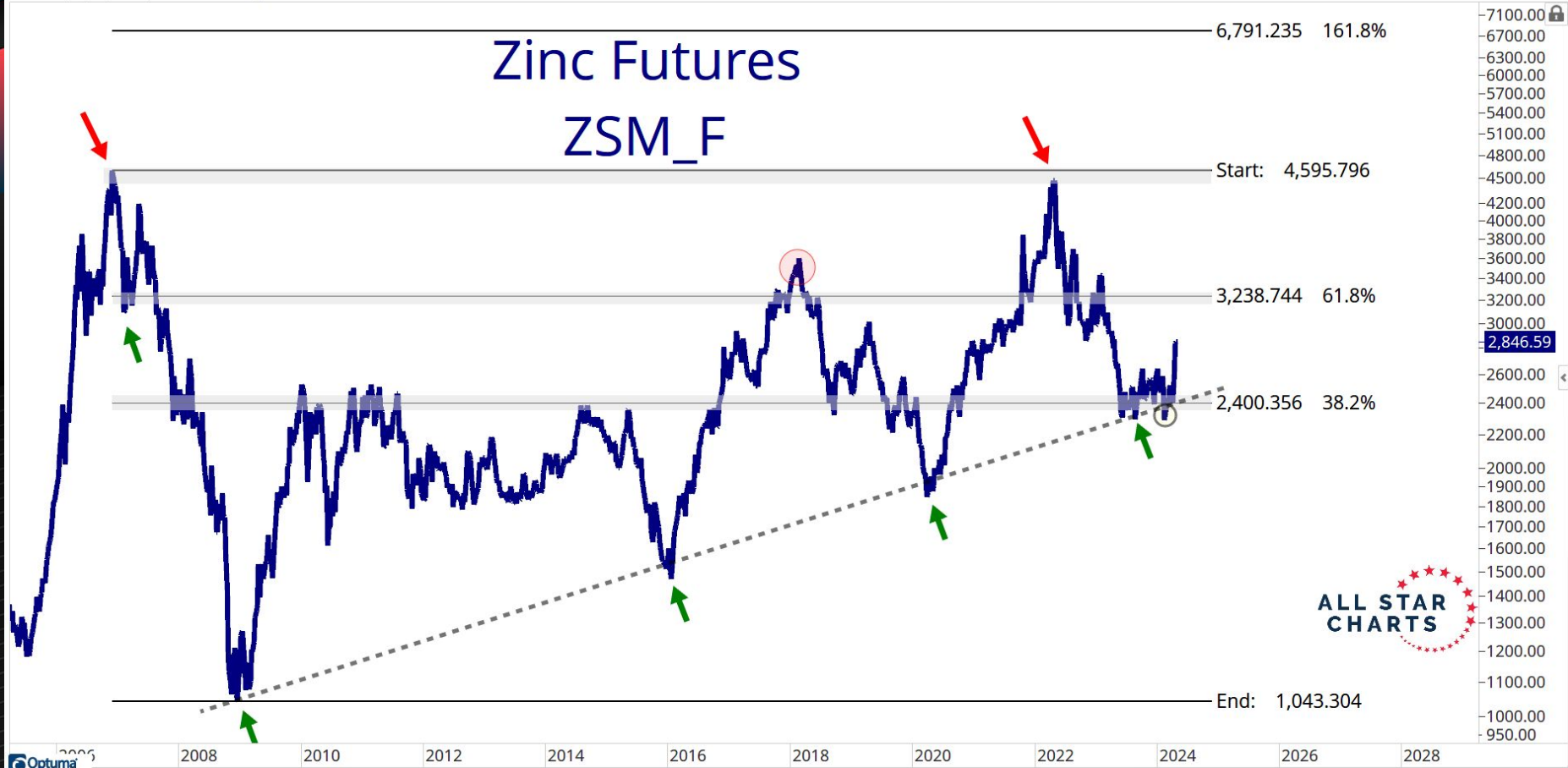




# Tin Futures SN\_F

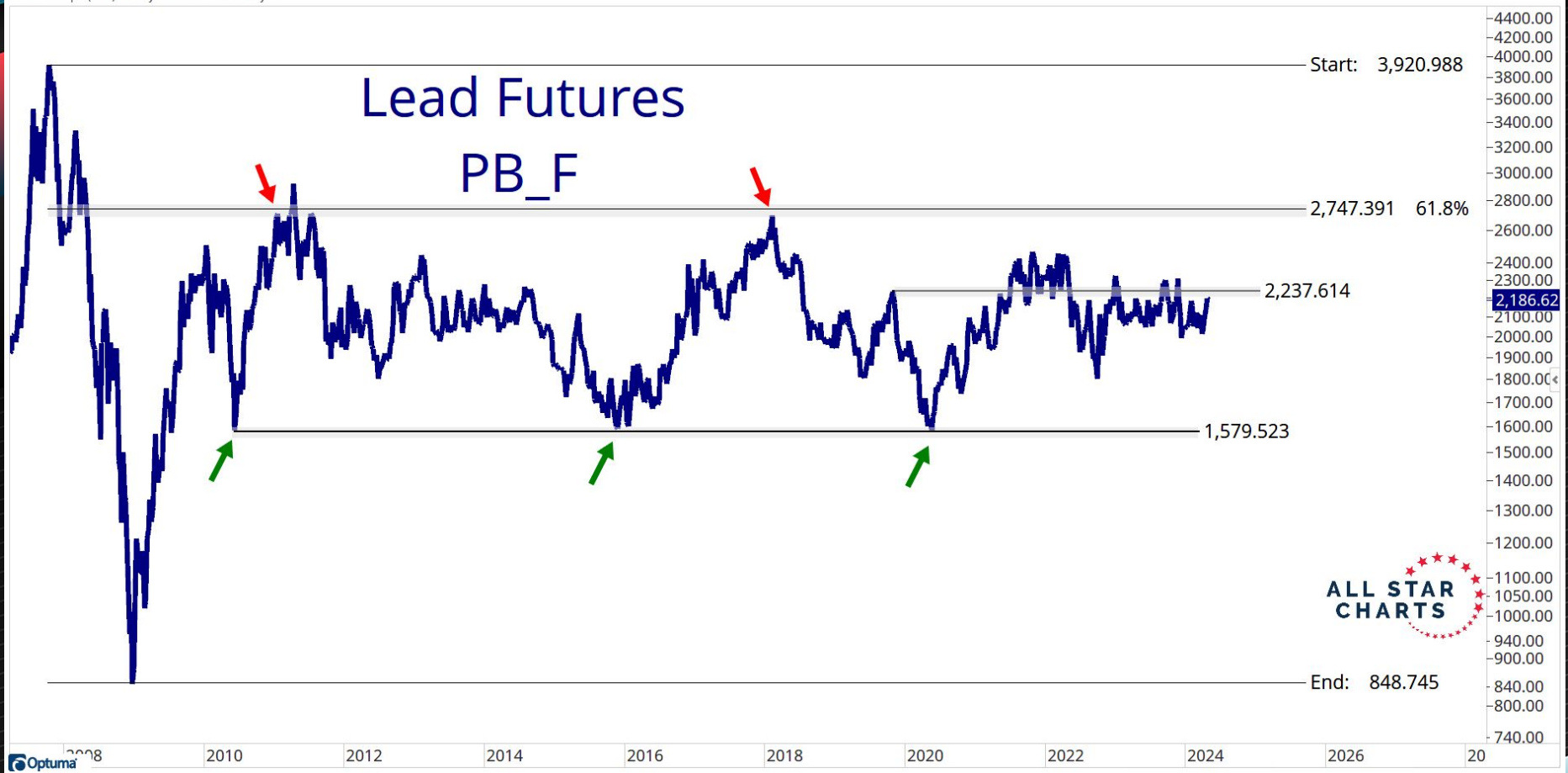


# Zinc Futures ZSM\_F



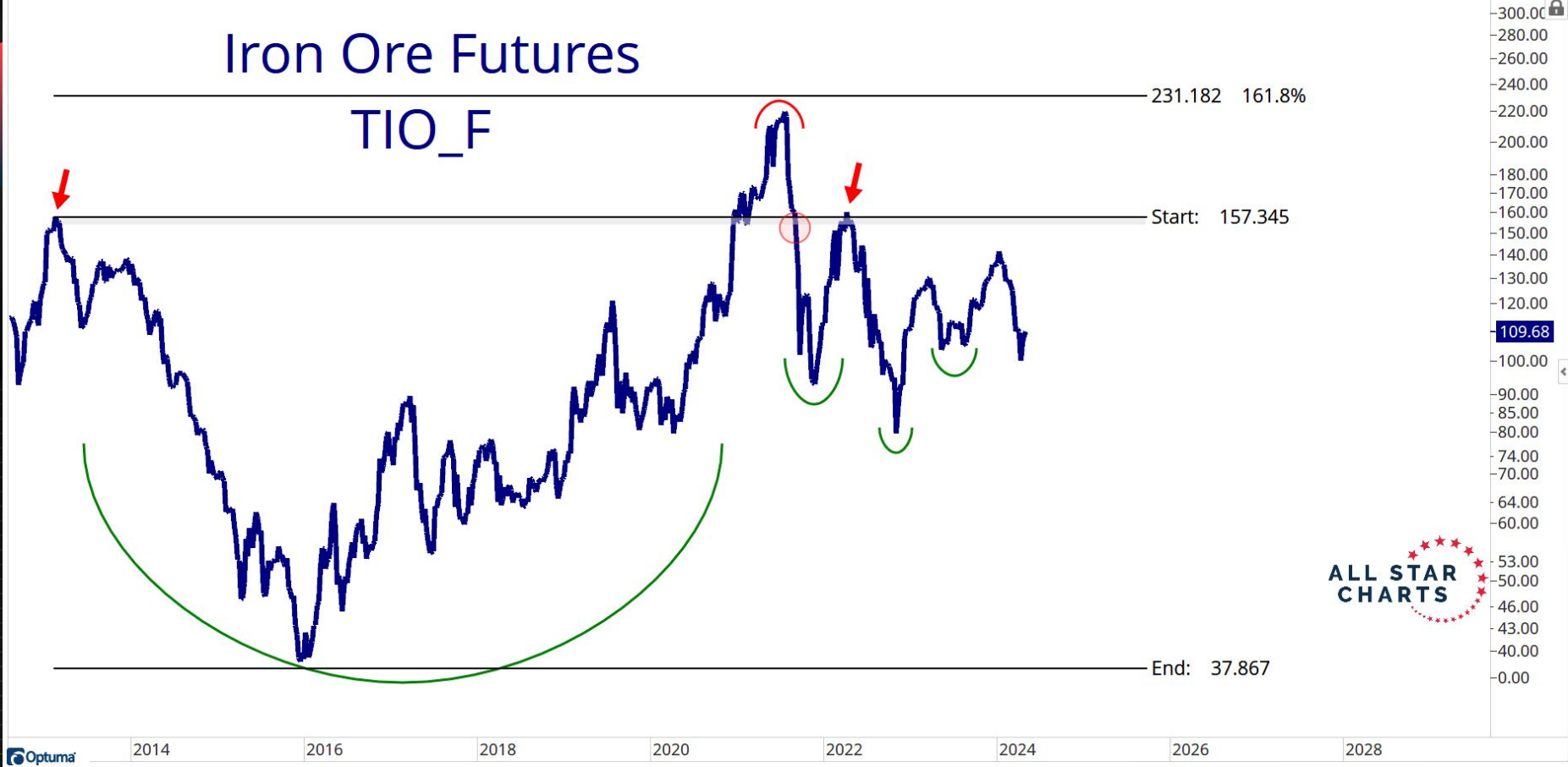


# Lead Futures PB\_F



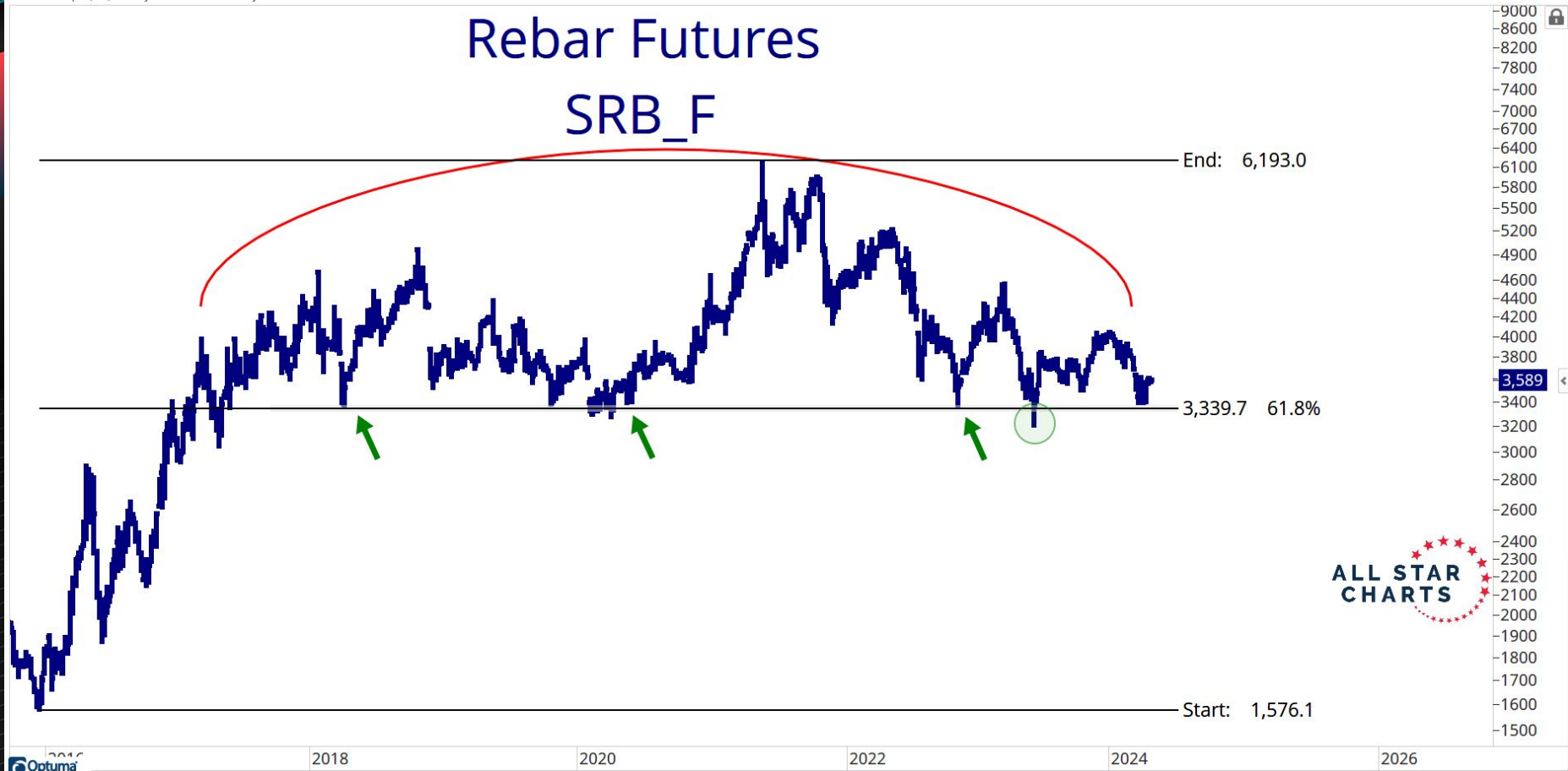
# Iron Ore Futures

## TIO\_F



# Rebar Futures

## SRB\_F



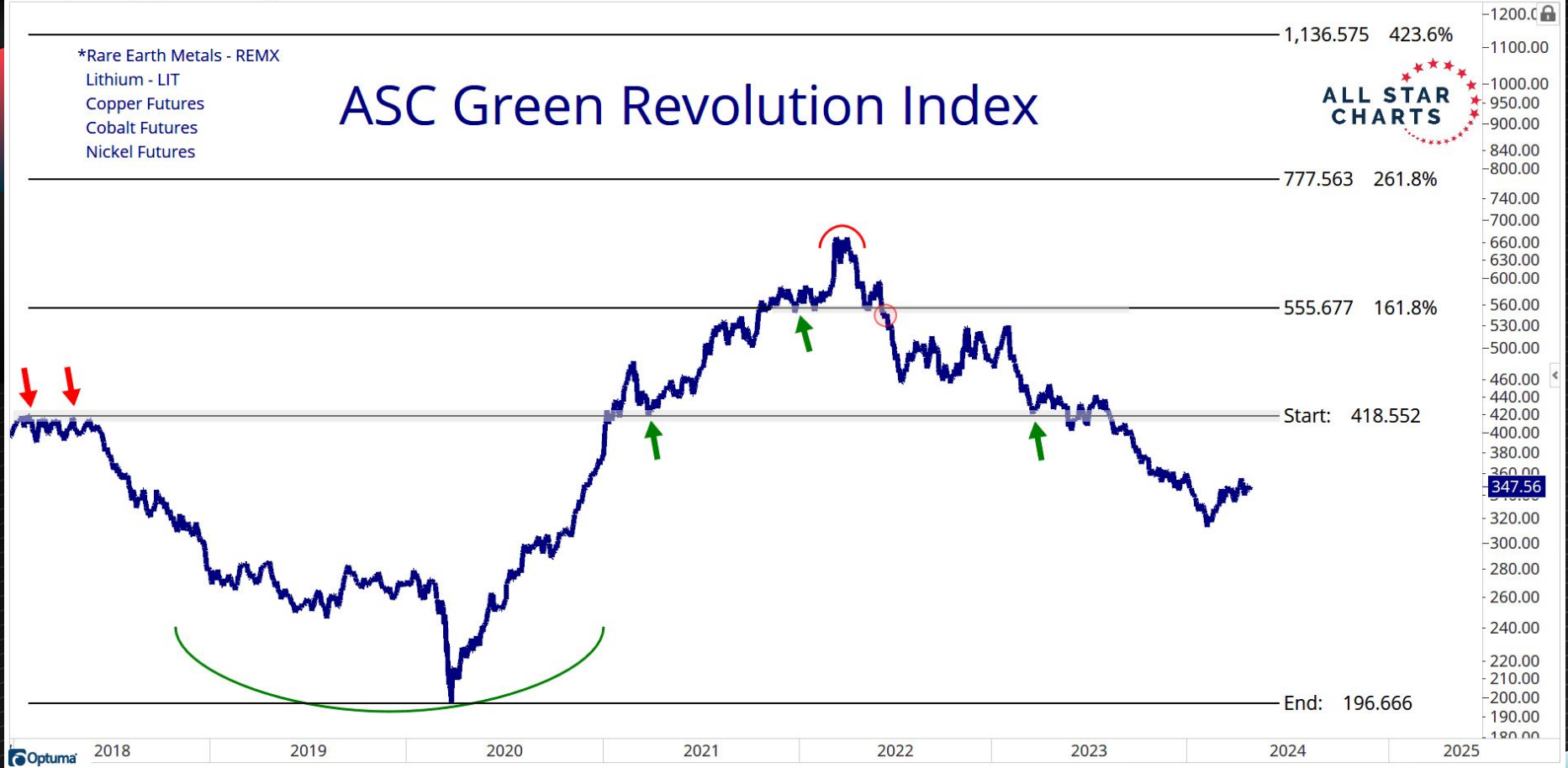
End: 6,193.0

3,339.7 61.8%

Start: 1,576.1

\*Rare Earth Metals - REMX  
Lithium - LIT  
Copper Futures  
Cobalt Futures  
Nickel Futures

# ASC Green Revolution Index



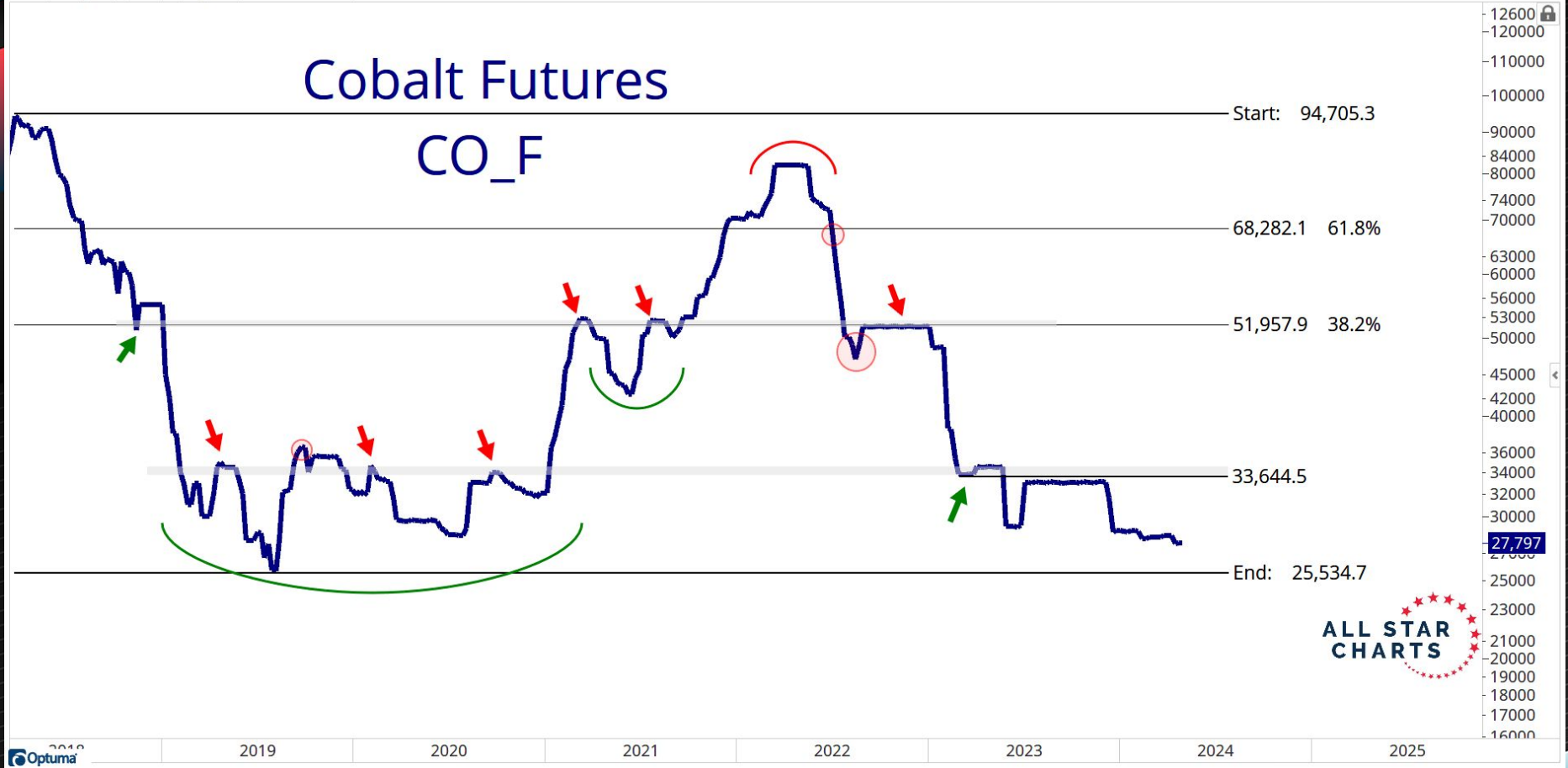


# Nickel Futures NI\_F



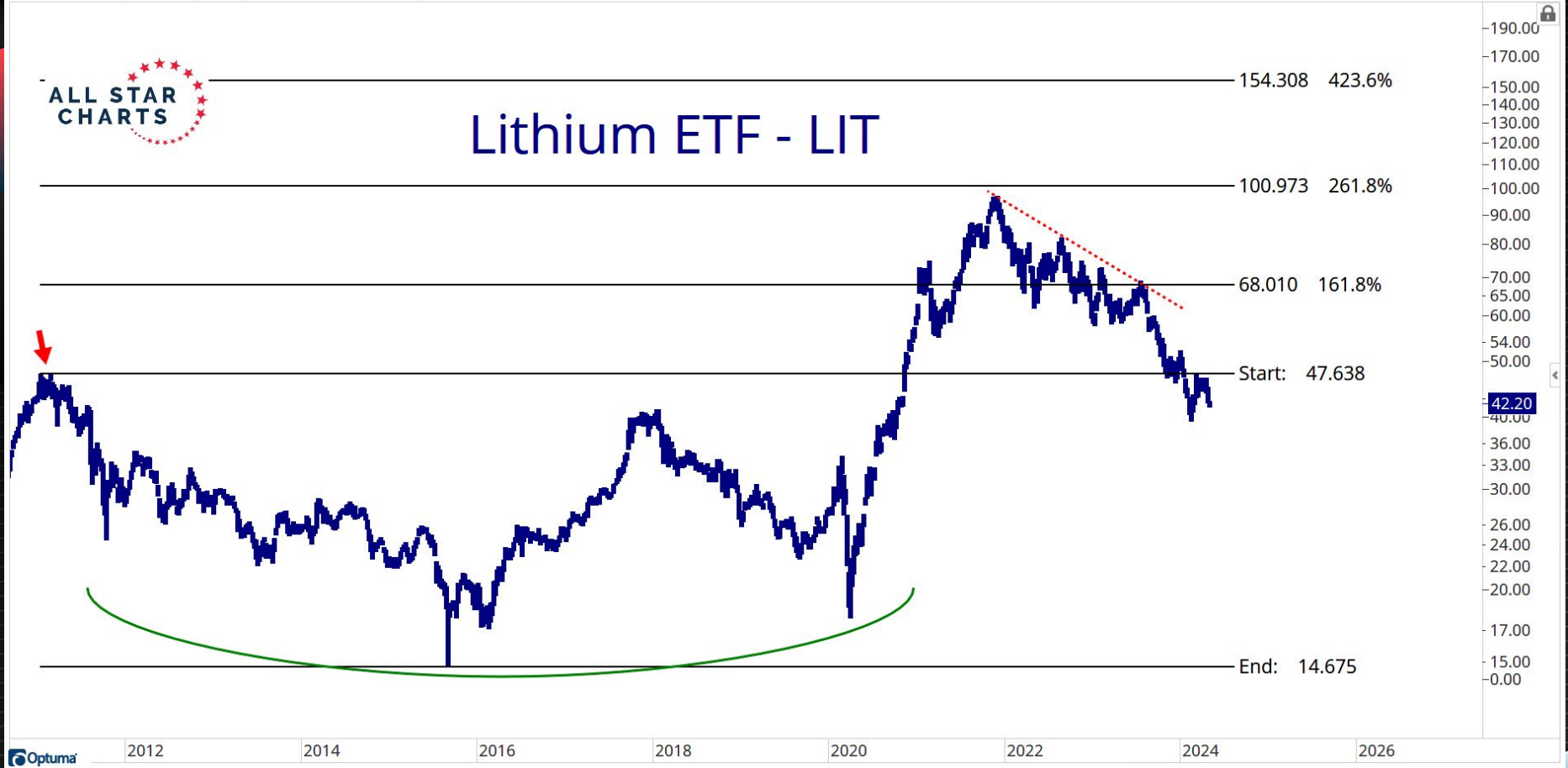
# Cobalt Futures

CO\_F



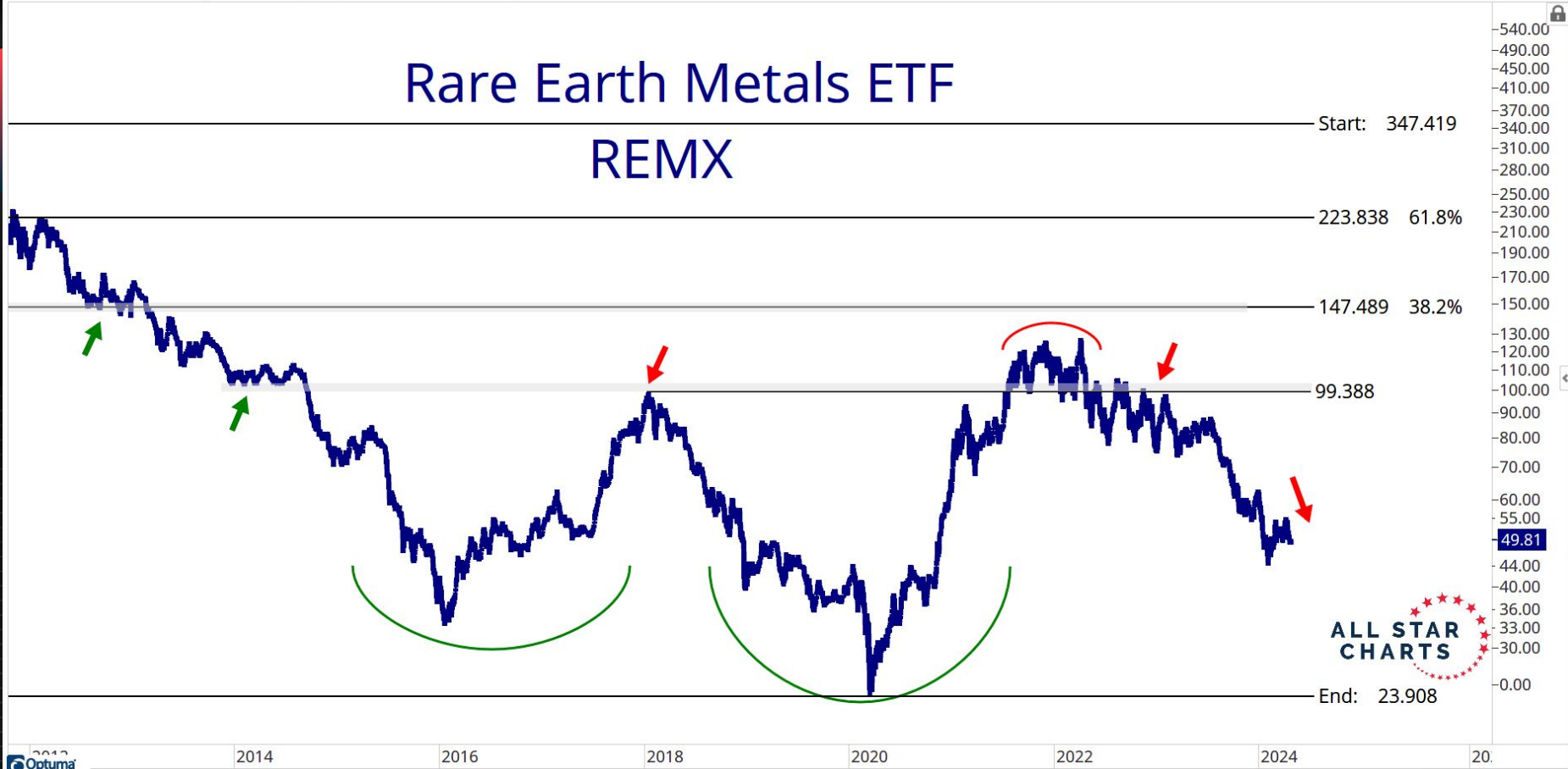


# Lithium ETF - LIT



# Rare Earth Metals ETF

## REMX



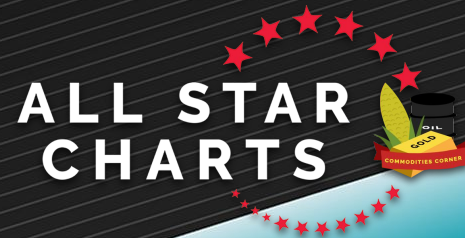
ALL STAR  
CHARTS



# Coking Coal Futures



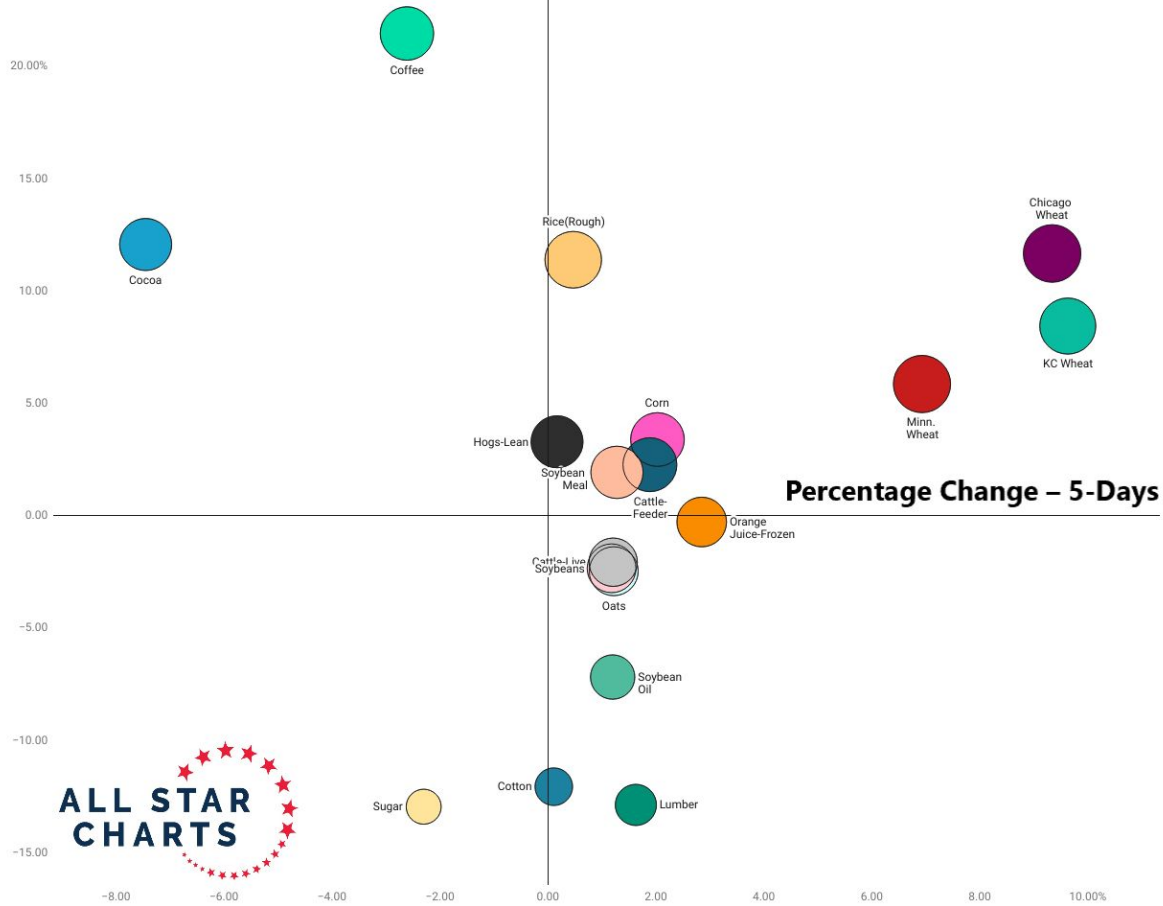
# AGs & MISCELLANEOUS



Agricultural Performance Table

Name	Current Price	5-Day Change	1-Mo. Change	3-Mo. Change	6-Mo. Change	1-Yr. Change	3-Yr. Change
KC Wheat	640.50	9.63%	8.42%	0.55%	-1.35%	-20.31%	-6.02%
Chicago Wheat	620.50	9.34%	11.65%	1.39%	9.19%	-5.01%	-13.16%
Minn. Wheat	697.75	6.93%	5.84%	-1.69%	-3.29%	-16.51%	-3.82%
Orange Juice-Frozen	370.25	2.85%	-0.30%	19.98%	-4.33%	32.71%	219.04%
Corn	452.00	2.03%	3.37%	0.22%	-5.93%	-25.63%	-28.82%
Cattle-Feeder	258.30	1.89%	2.25%	8.45%	9.19%	12.55%	72.31%
Soybean Meal	347.40	1.28%	1.91%	-2.77%	-18.76%	-20.19%	-18.35%
Oats	353.00	1.22%	-2.49%	-2.96%	-10.06%	6.01%	-12.24%
Cattle-Live	177.80	1.21%	-2.09%	-1.60%	-0.91%	8.40%	53.64%
Soybean Oil	45.48	1.20%	-7.20%	-2.42%	-13.50%	-12.62%	-22.69%
Soybeans	1,179.25	1.18%	-2.36%	-3.56%	-9.86%	-16.82%	-22.25%
Cash-settled Butter	305.00	0.91%	5.72%	12.96%	23.11%	26.56%	62.88%
Rice(Rough)	19.10	0.47%	11.37%	6.23%	18.56%	13.32%	42.48%
Hogs-Lean	105.00	0.17%	3.27%	27.20%	55.56%	20.62%	-0.69%
Cotton	80.99	0.11%	-12.08%	-5.56%	-3.36%	3.01%	-8.80%
NZ Whole Milk Powder	3,180.00	-0.47%	4.26%	-4.79%	-0.47%	1.60%	-22.72%
Sugar	19.12	-2.30%	-12.97%	-20.47%	-30.80%	-26.69%	13.27%
Palm Oil-Crude	3,958.00	-2.42%	-9.05%	-0.98%	9.76%	-3.01%	-9.03%
Coffee	226.00	-2.61%	21.44%	20.60%	39.89%	19.36%	62.94%
Jeera	22,665.00	-5.25%	-5.25%	-18.22%	-54.57%	-43.26%	60.63%
Cocoa	10,809.00	-7.45%	12.05%	134.16%	189.40%	270.30%	340.82%

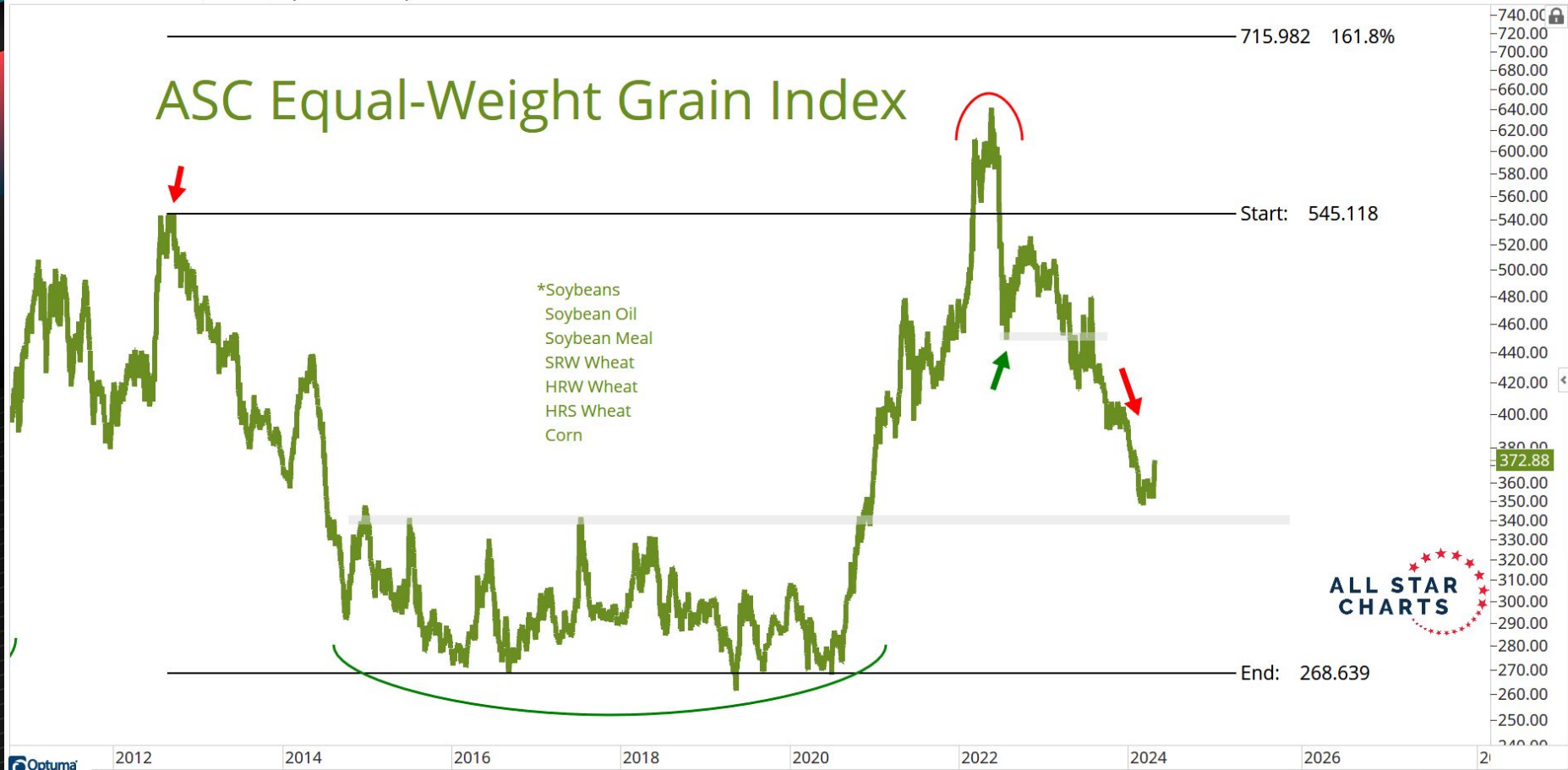
## Percentage Change – 1-Month



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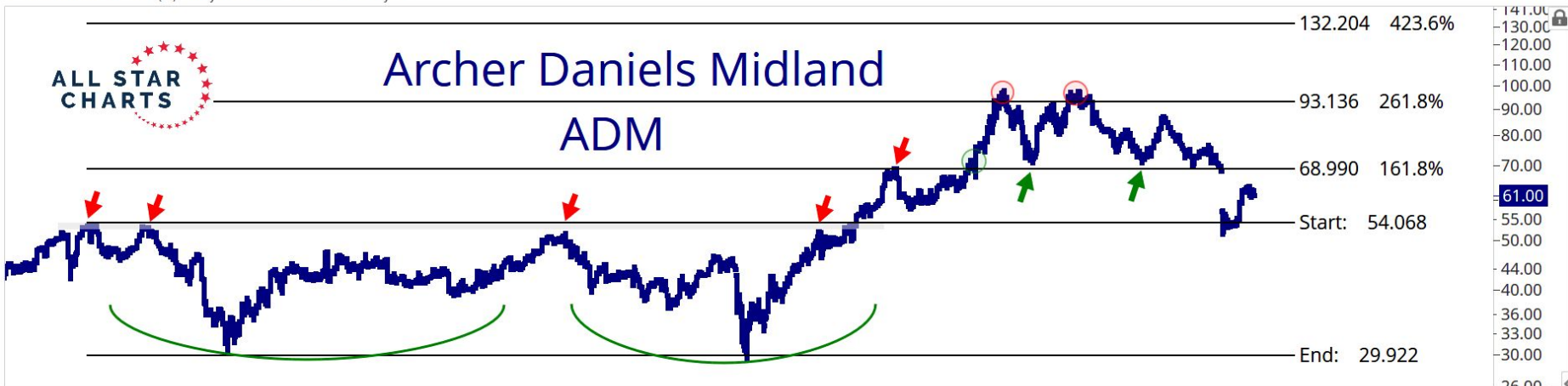


# ASC Equal-Weight Grain Index

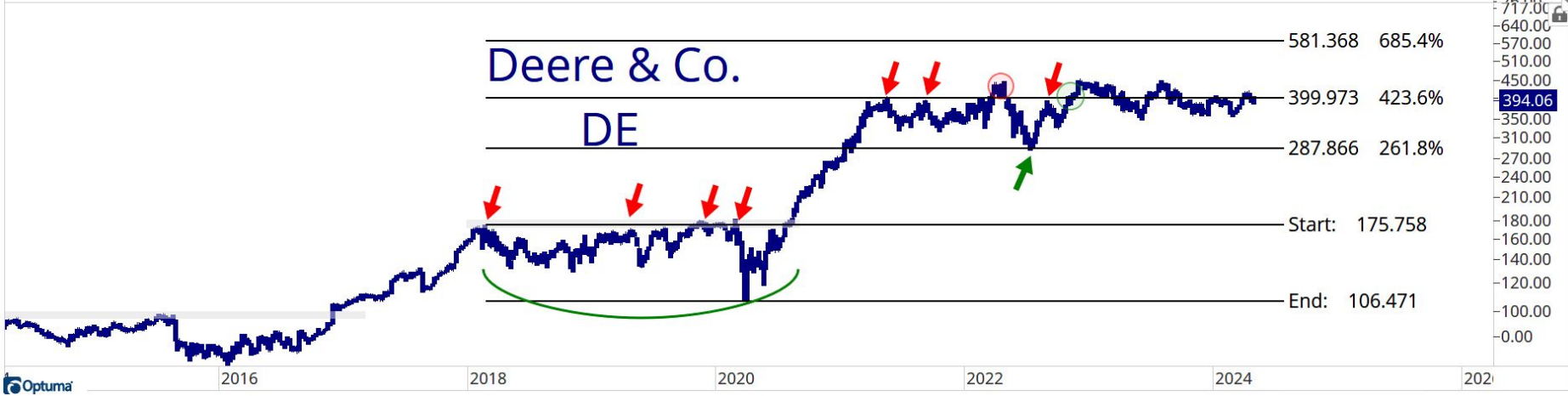




# Archer Daniels Midland ADM



# Deere & Co. DE



# Agribusiness Vs Ags MOO / EW Ag Index



# Corn Futures

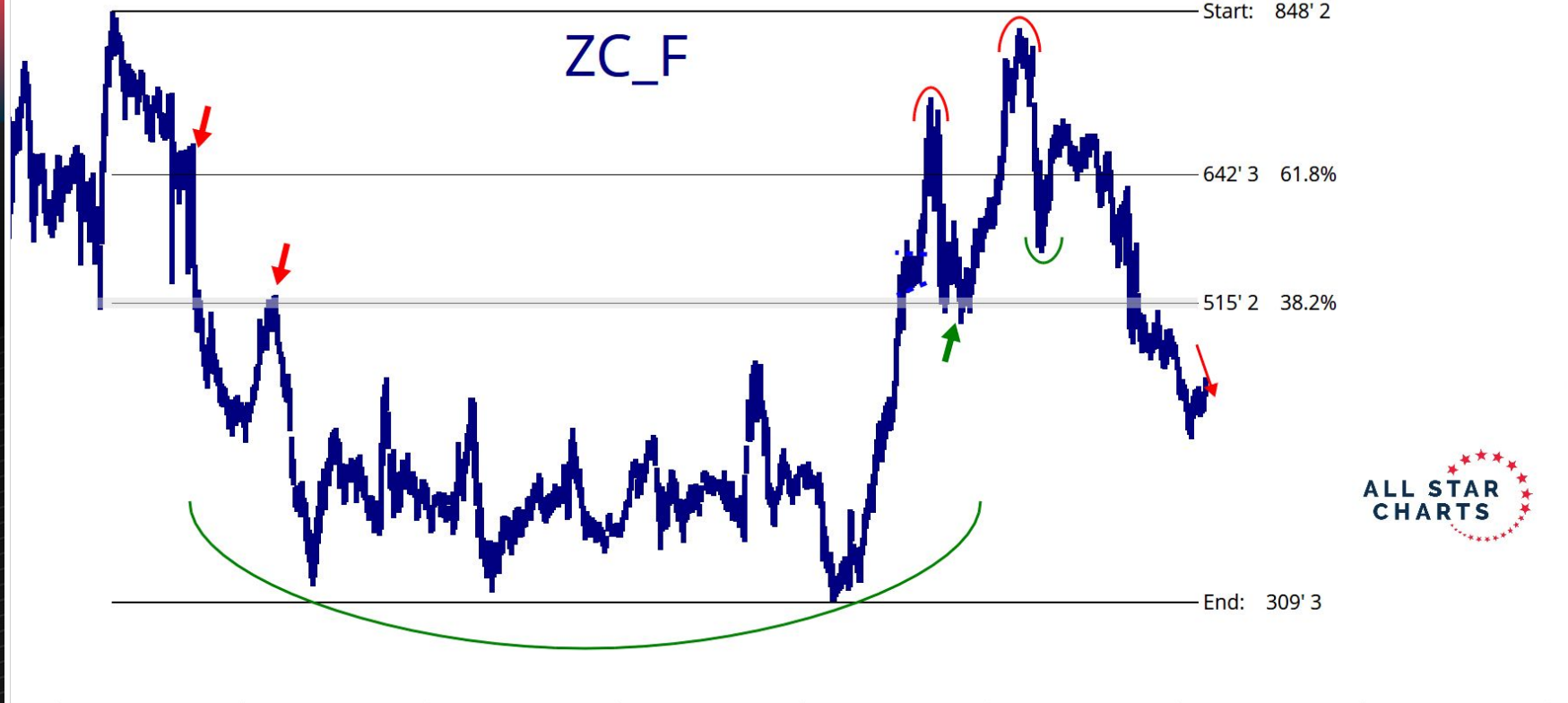
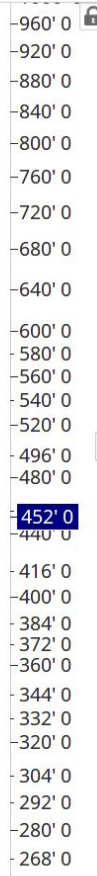
## ZC\_F

Start: 848' 2

642' 3 61.8%

515' 2 38.2%

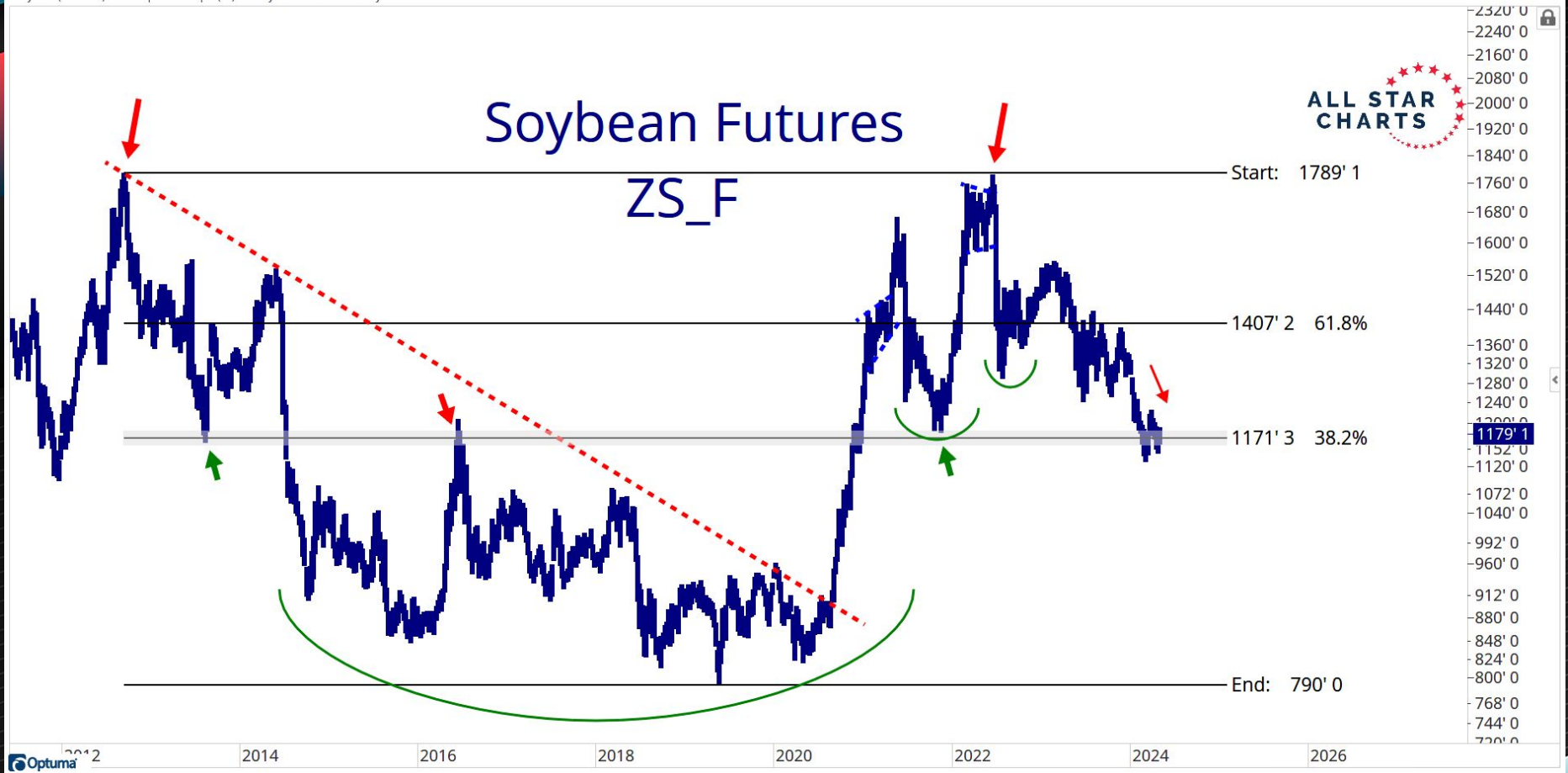
End: 309' 3



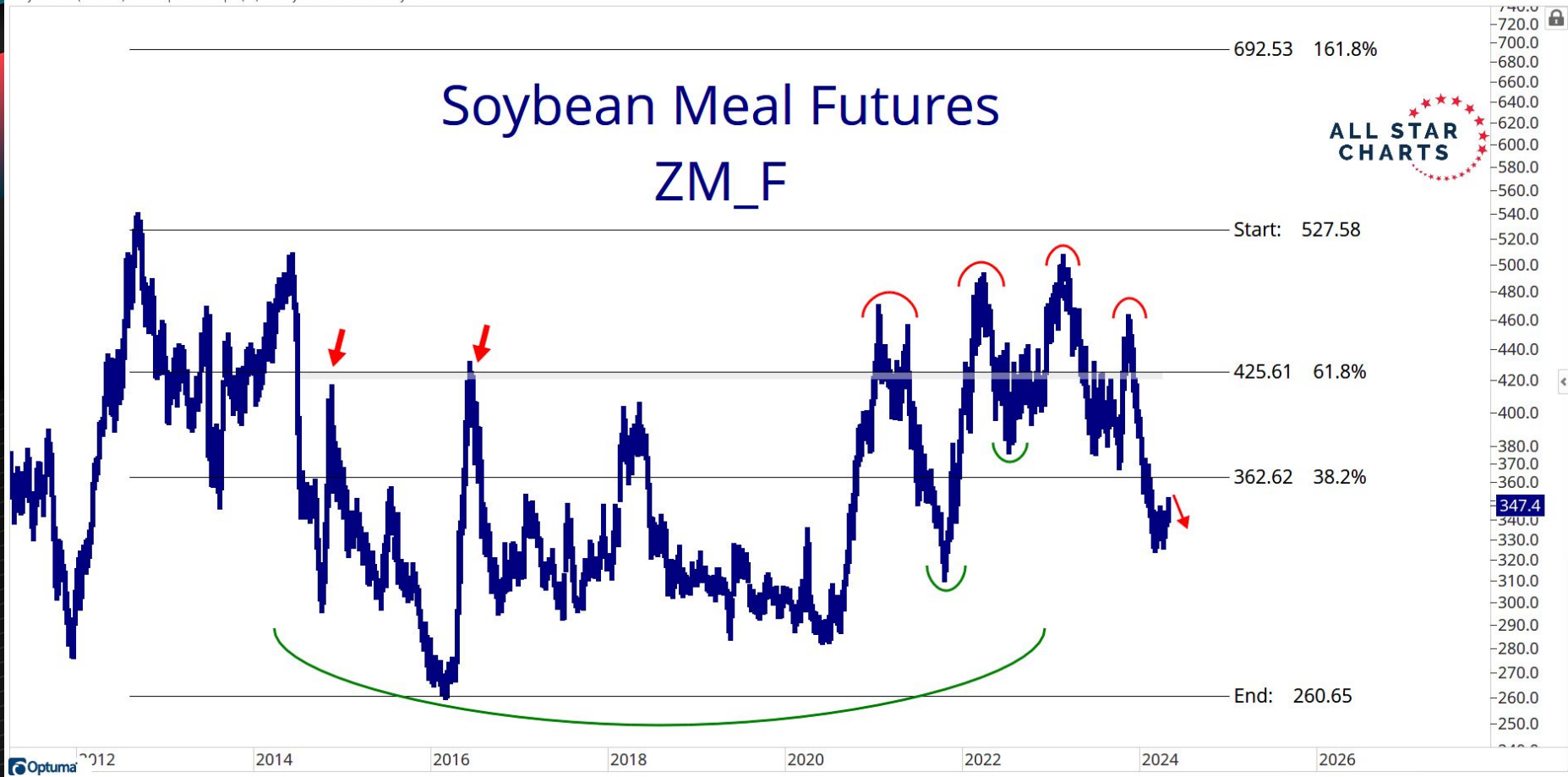


# Soybean Futures

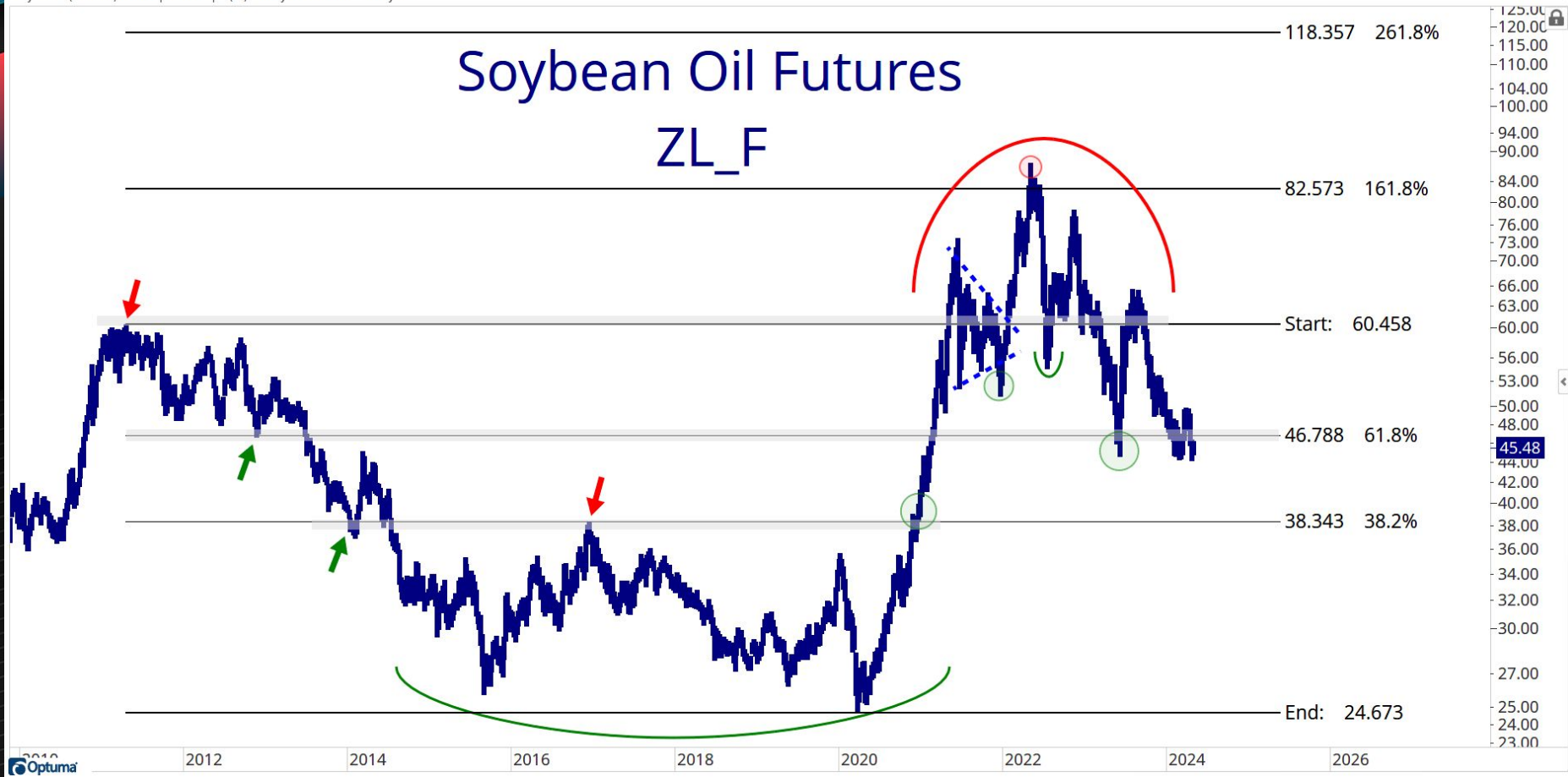
## ZS\_F



# Soybean Meal Futures ZM\_F

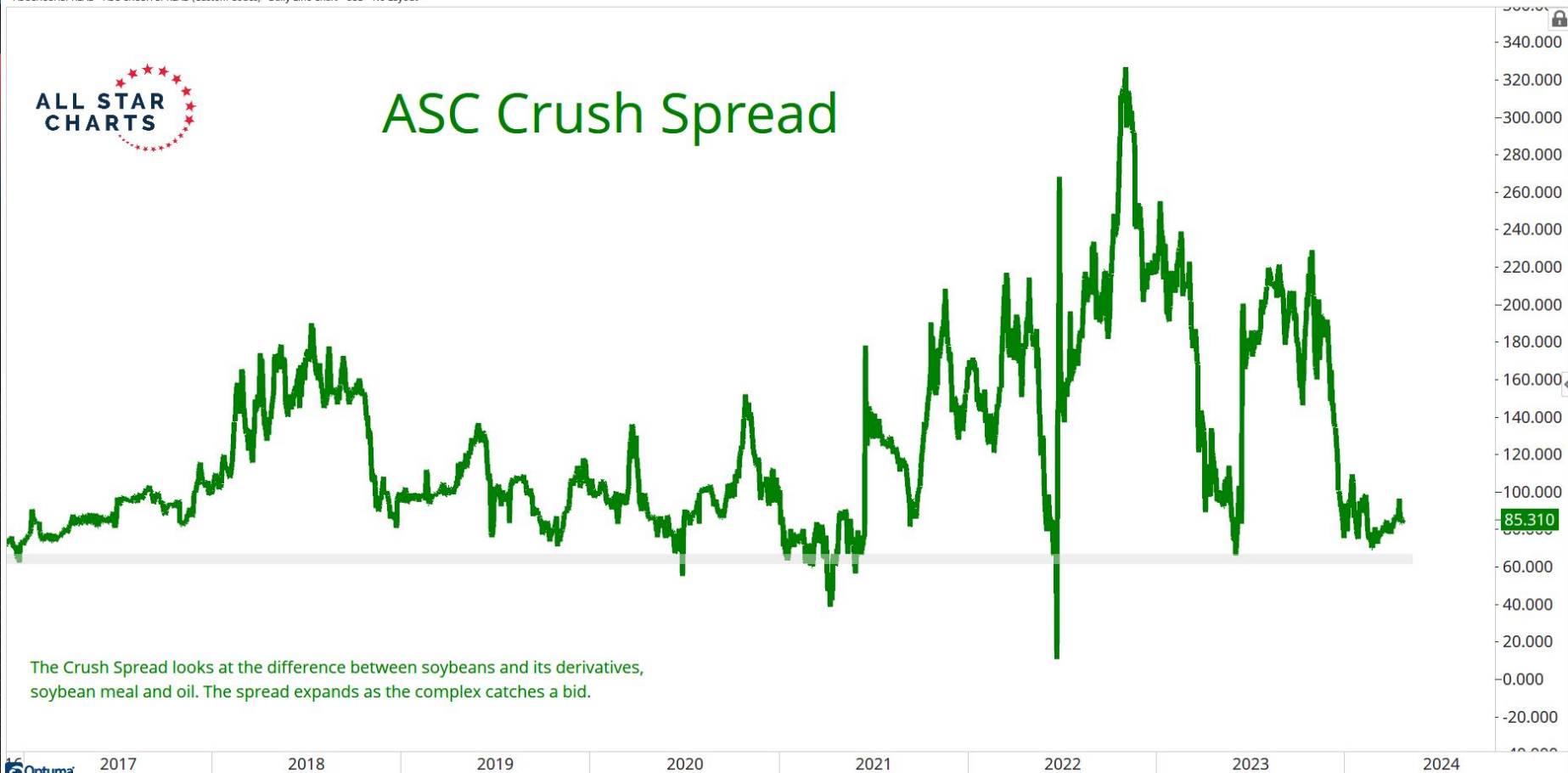


# Soybean Oil Futures ZL\_F





# ASC Crush Spread



The Crush Spread looks at the difference between soybeans and its derivatives, soybean meal and oil. The spread expands as the complex catches a bid.



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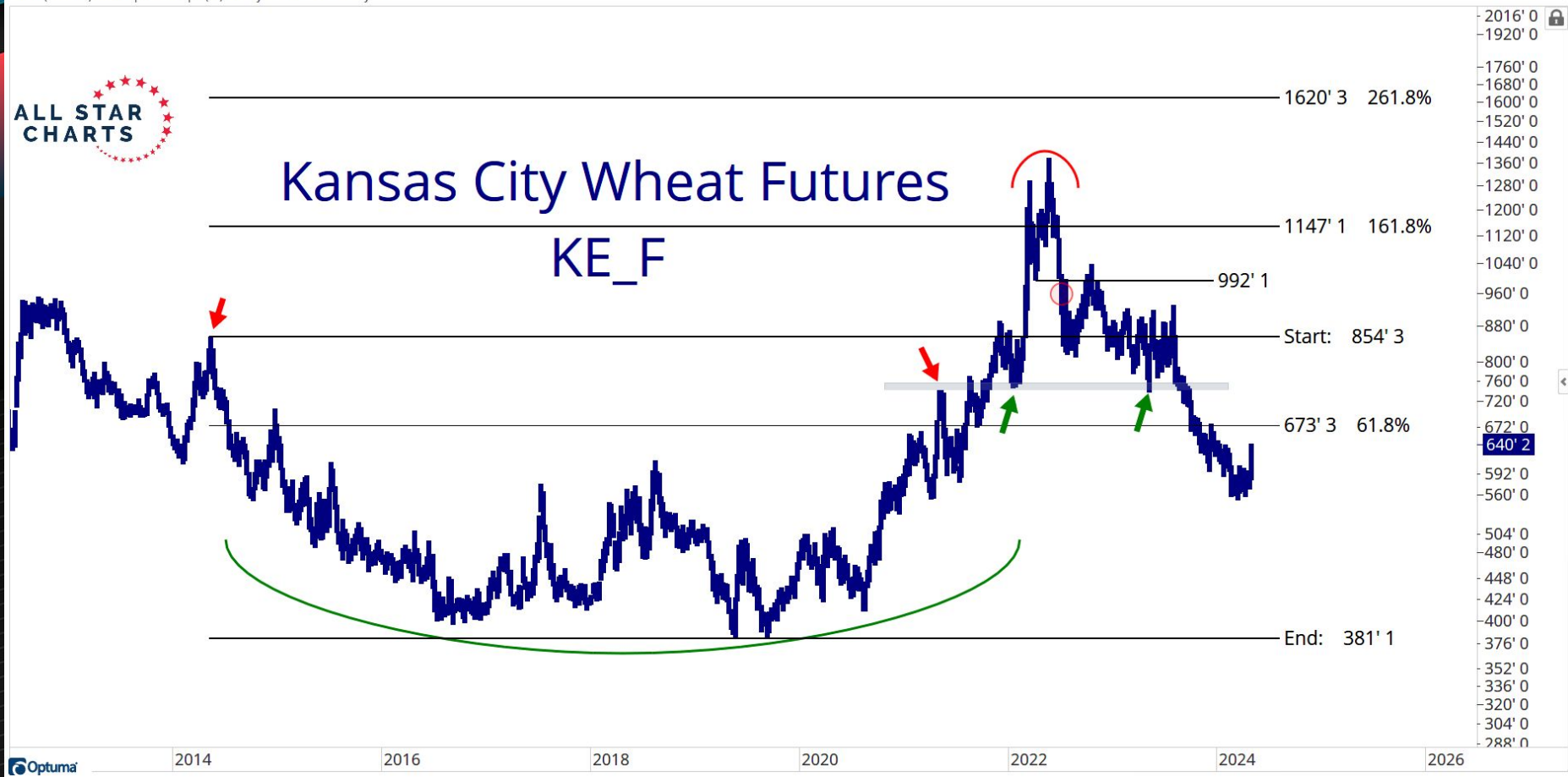
# Chicago Wheat Futures ZW\_F



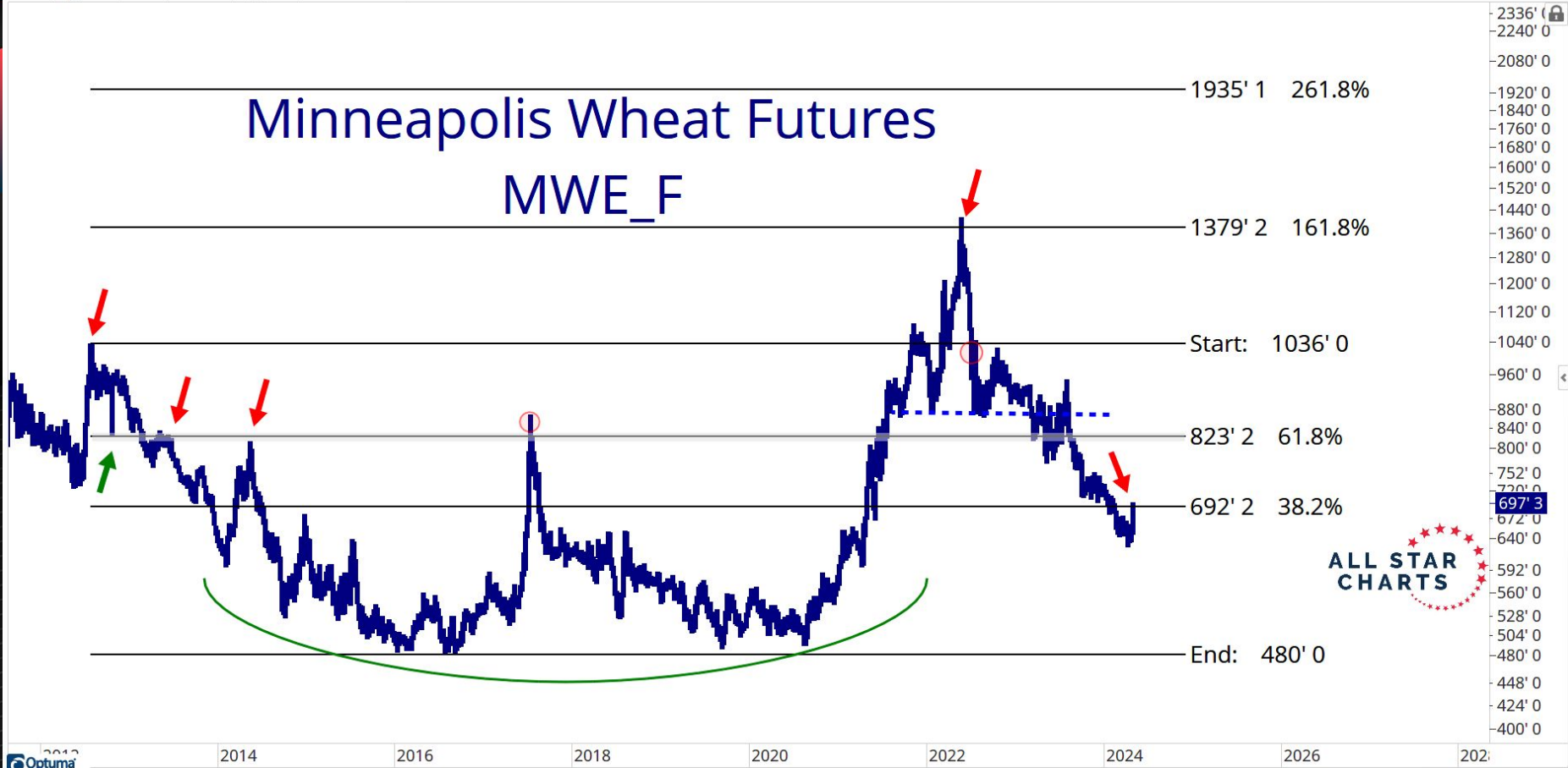


# Kansas City Wheat Futures

KE\_F

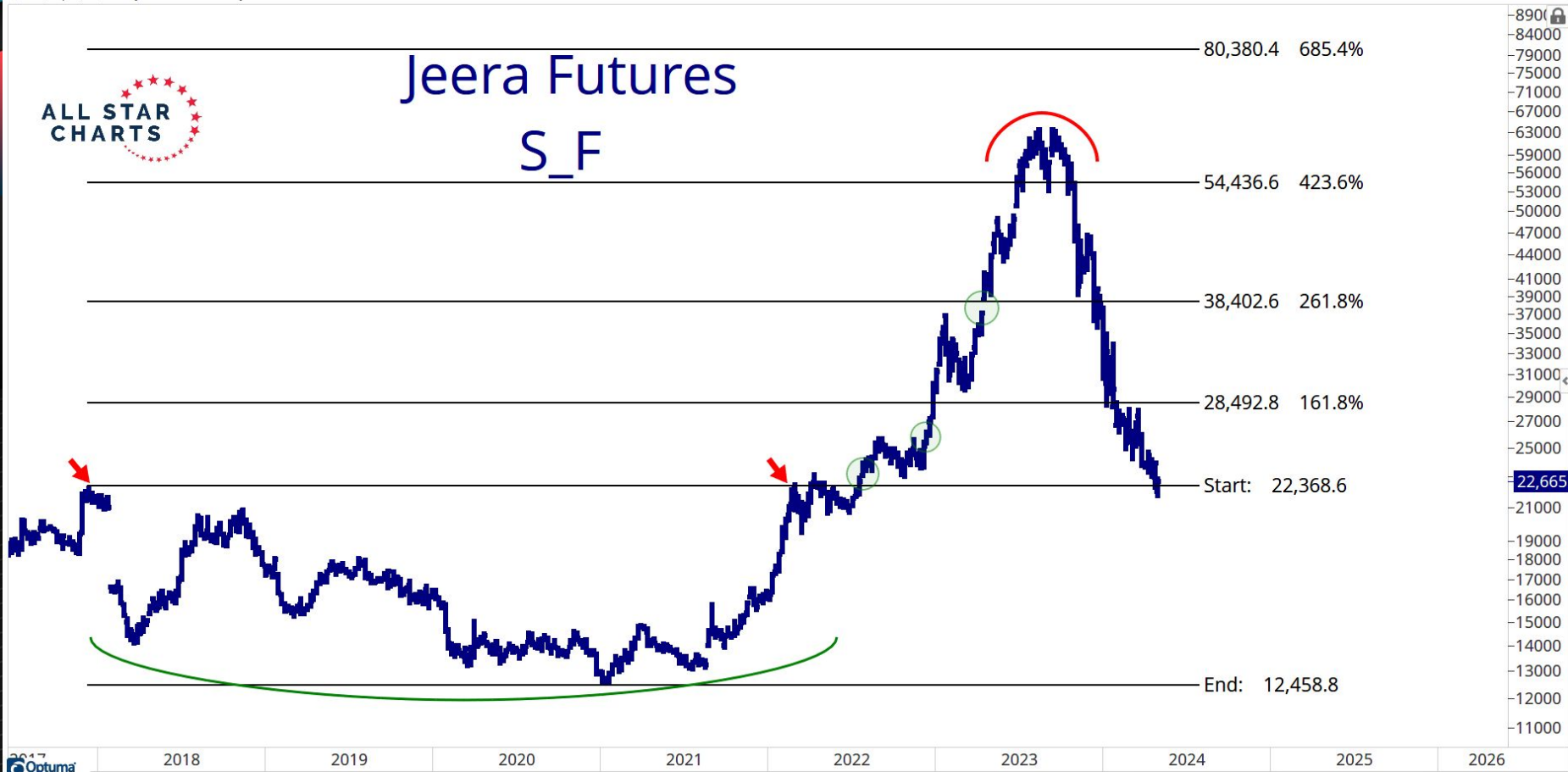


# Minneapolis Wheat Futures MWE\_F





# Jeera Futures S\_F





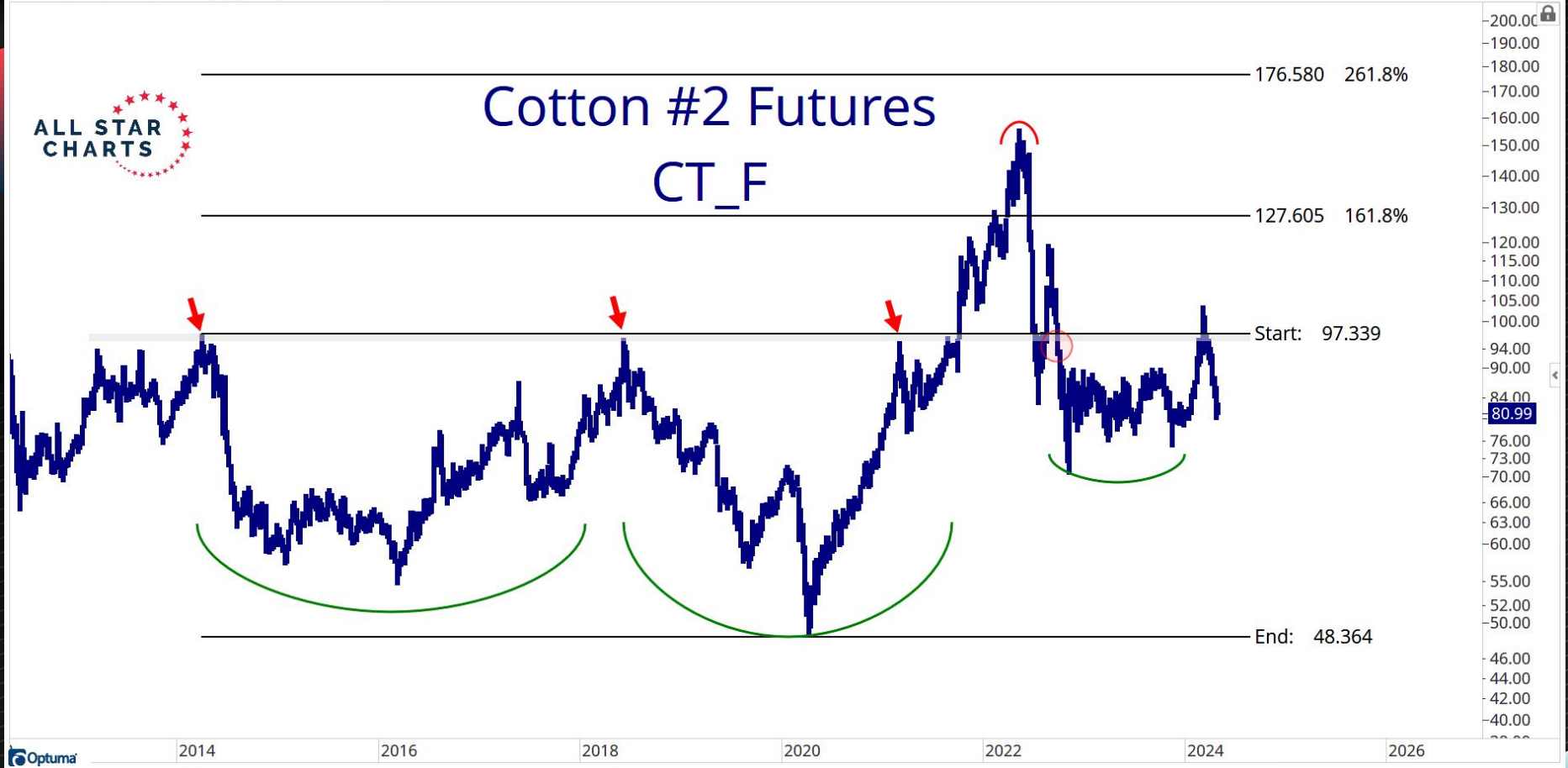
# ASC Equal-Weight Softs Index



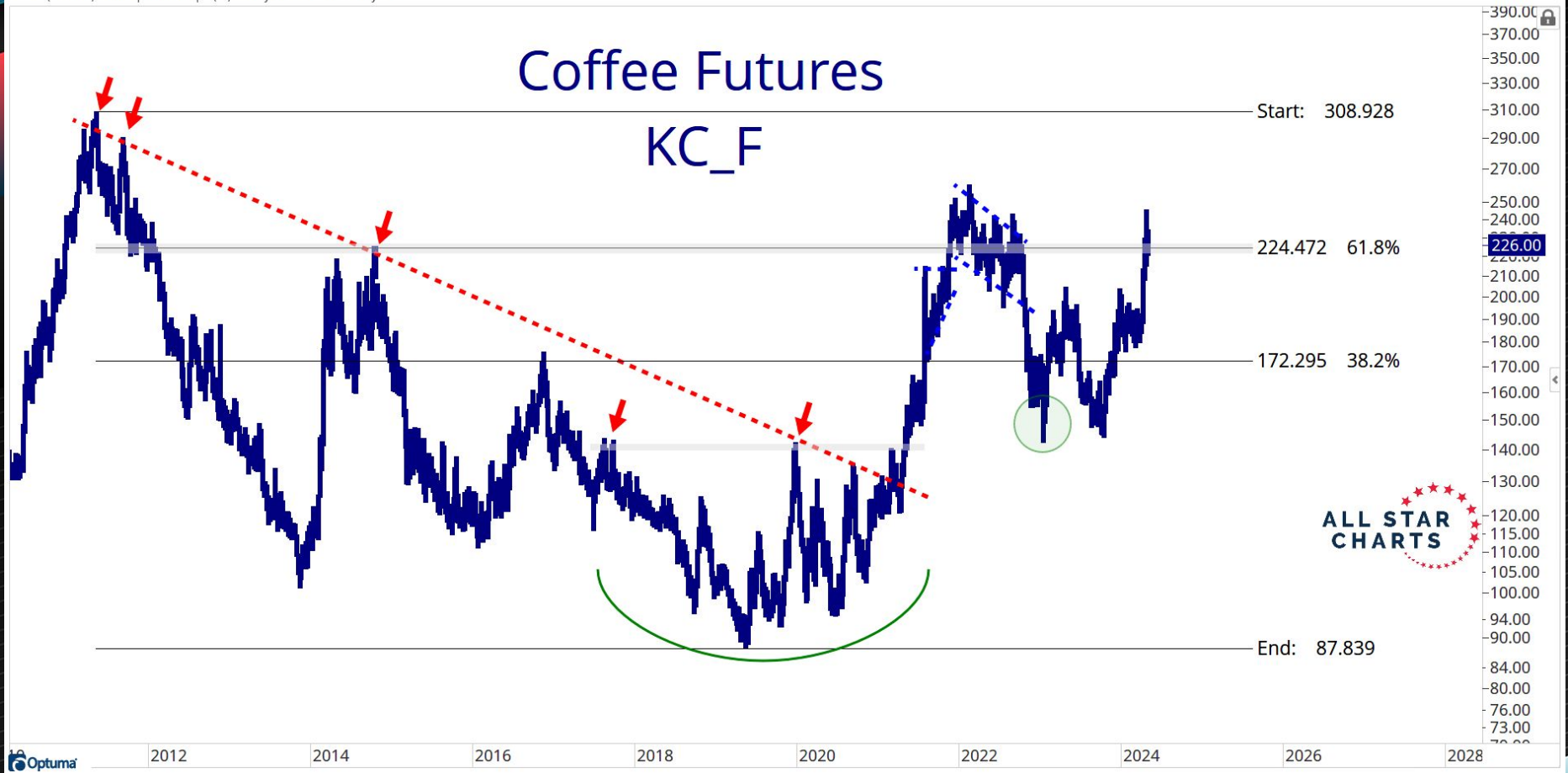
\*Cotton  
Coffee  
Cocoa  
Sugar



# Cotton #2 Futures CT\_F



# Coffee Futures KC\_F

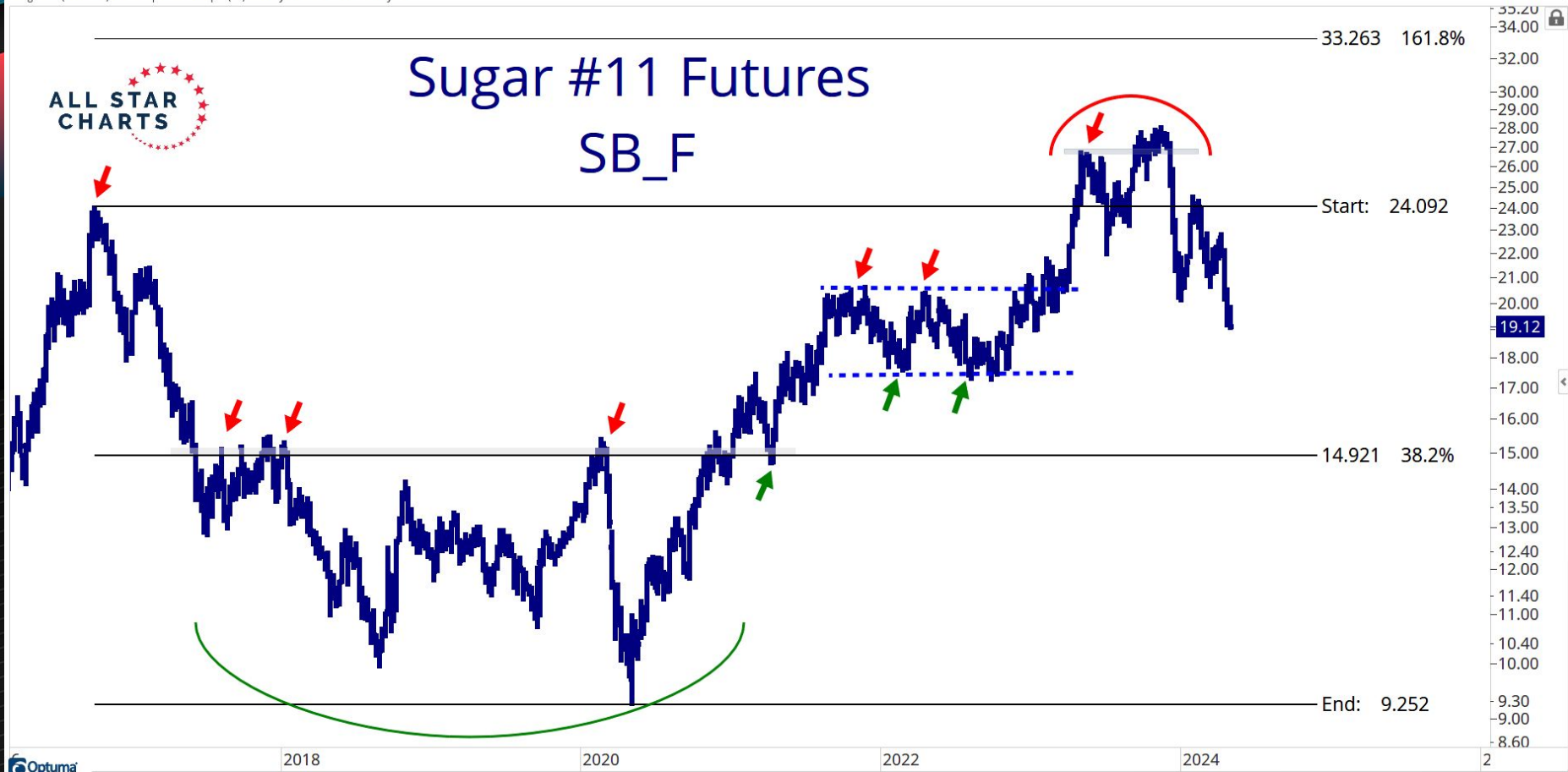




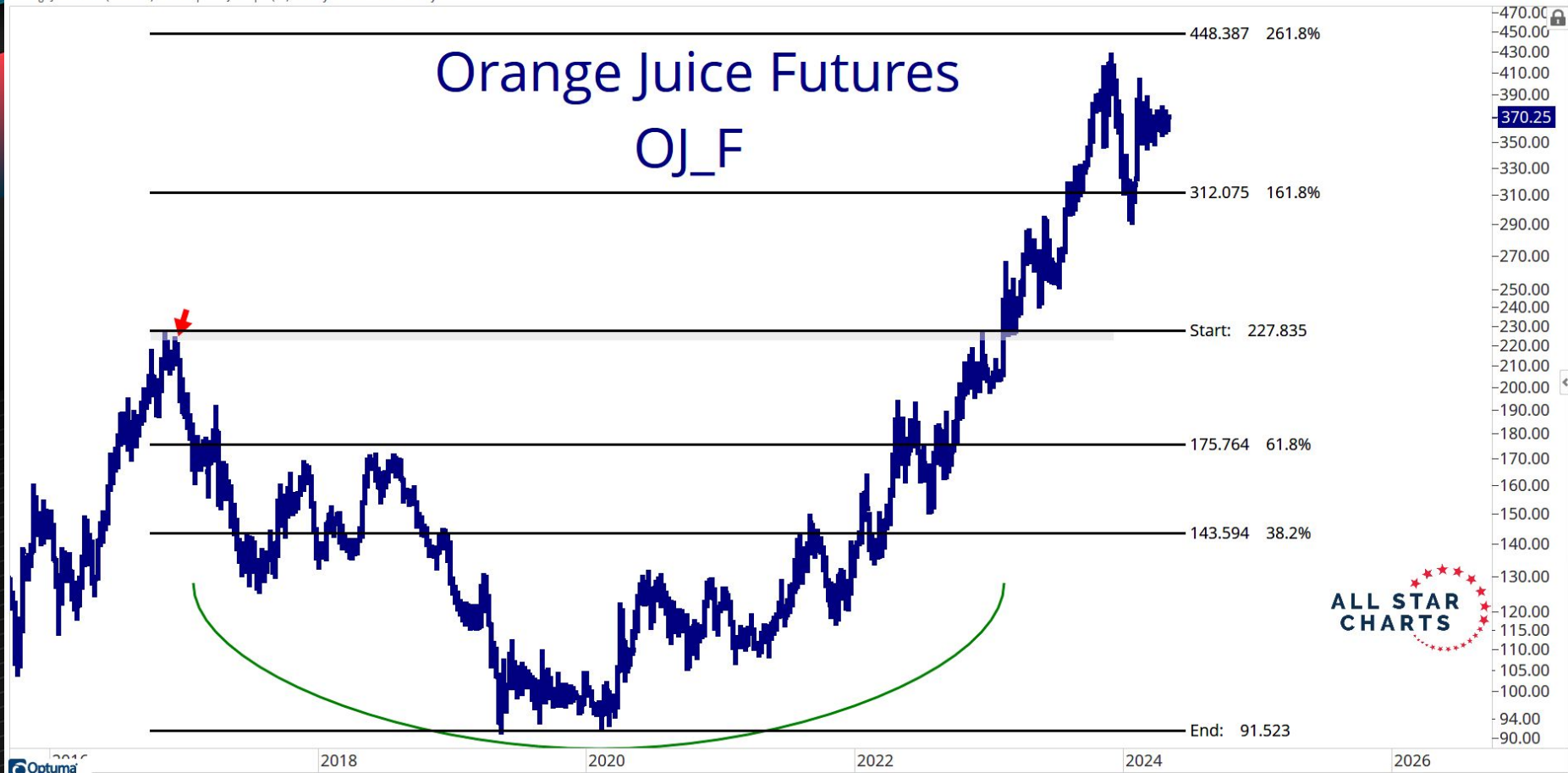




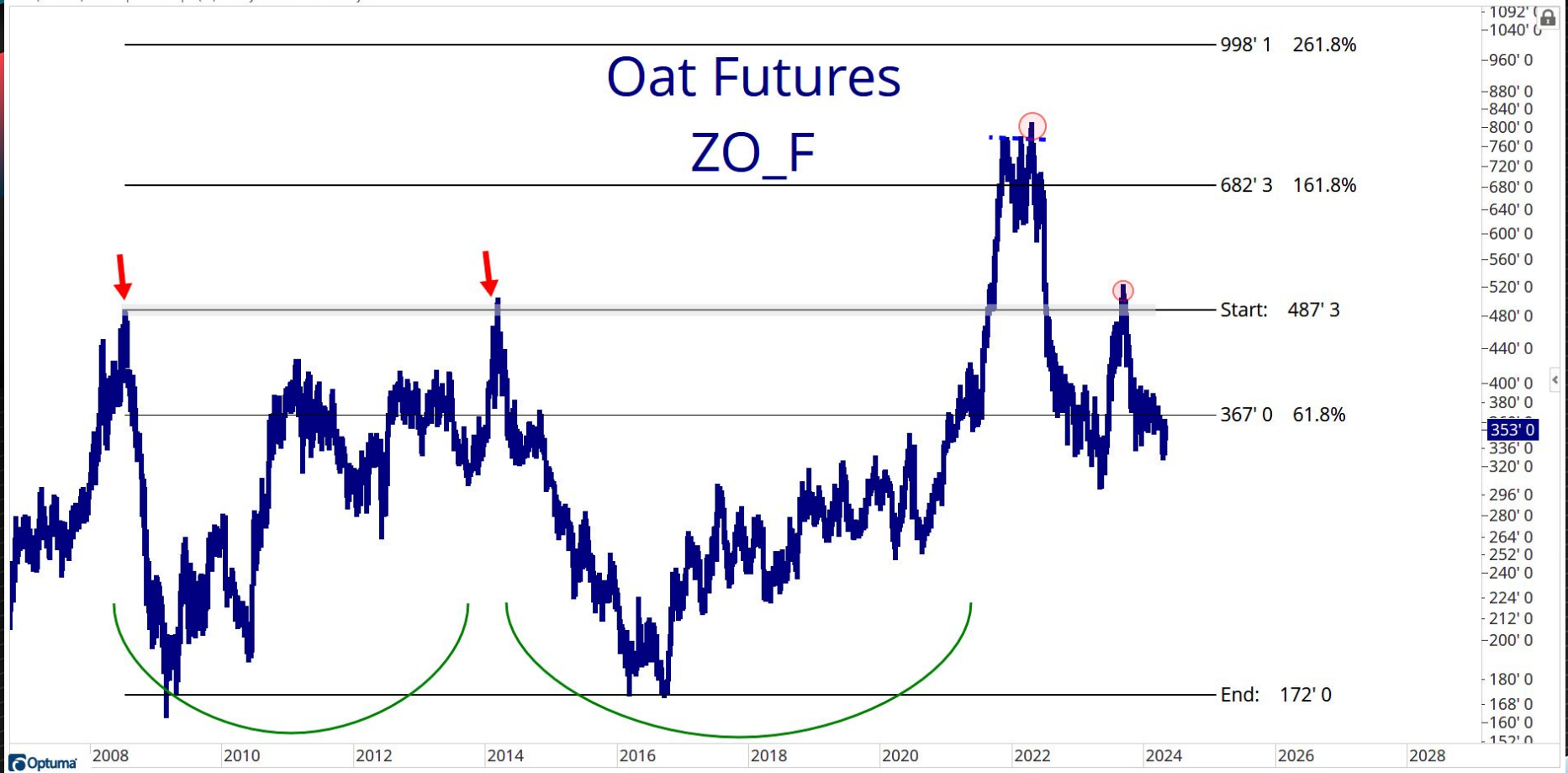
# Sugar #11 Futures SB\_F



# Orange Juice Futures OJ\_F

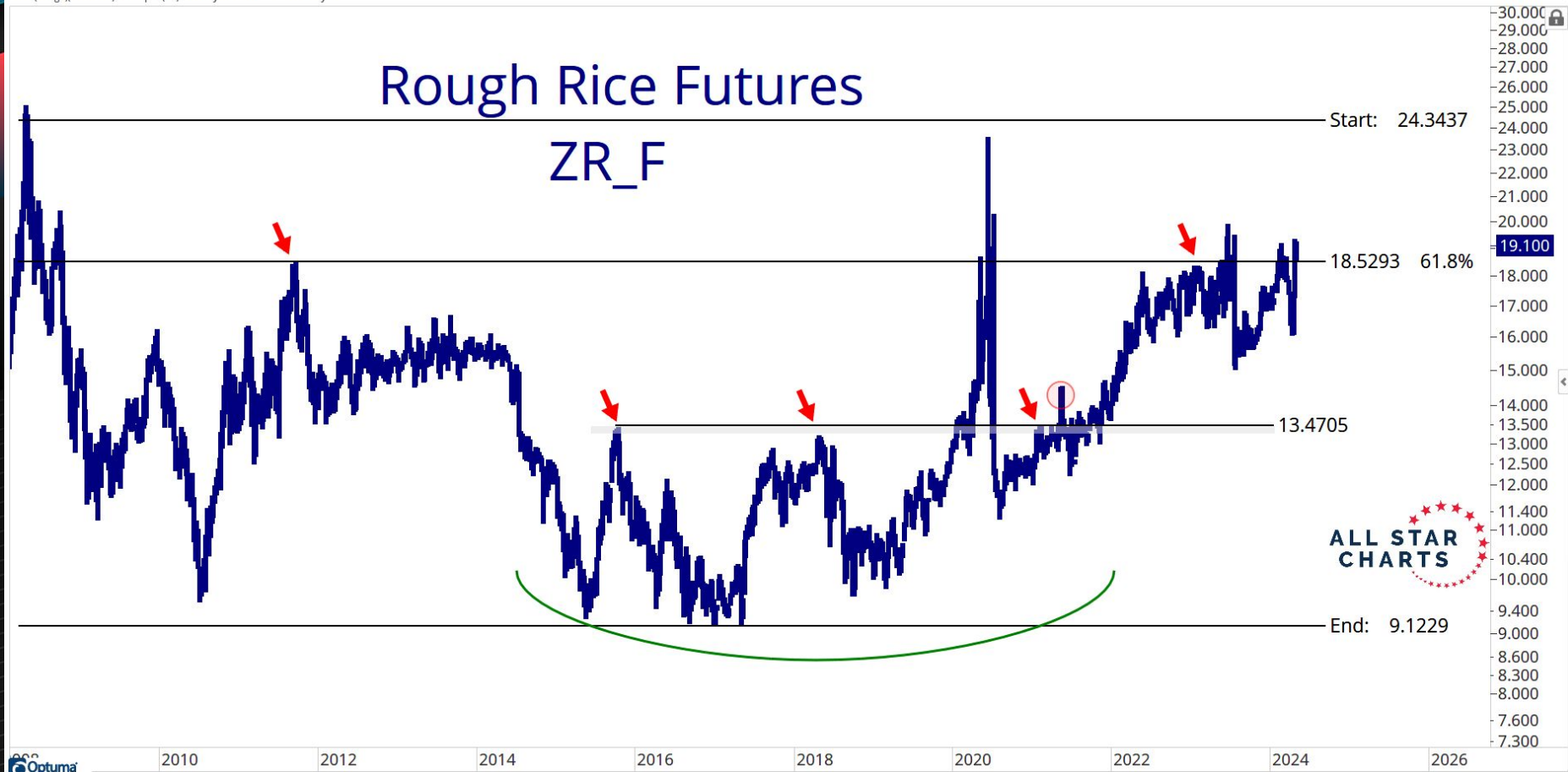


# Oat Futures ZO\_F



# Rough Rice Futures

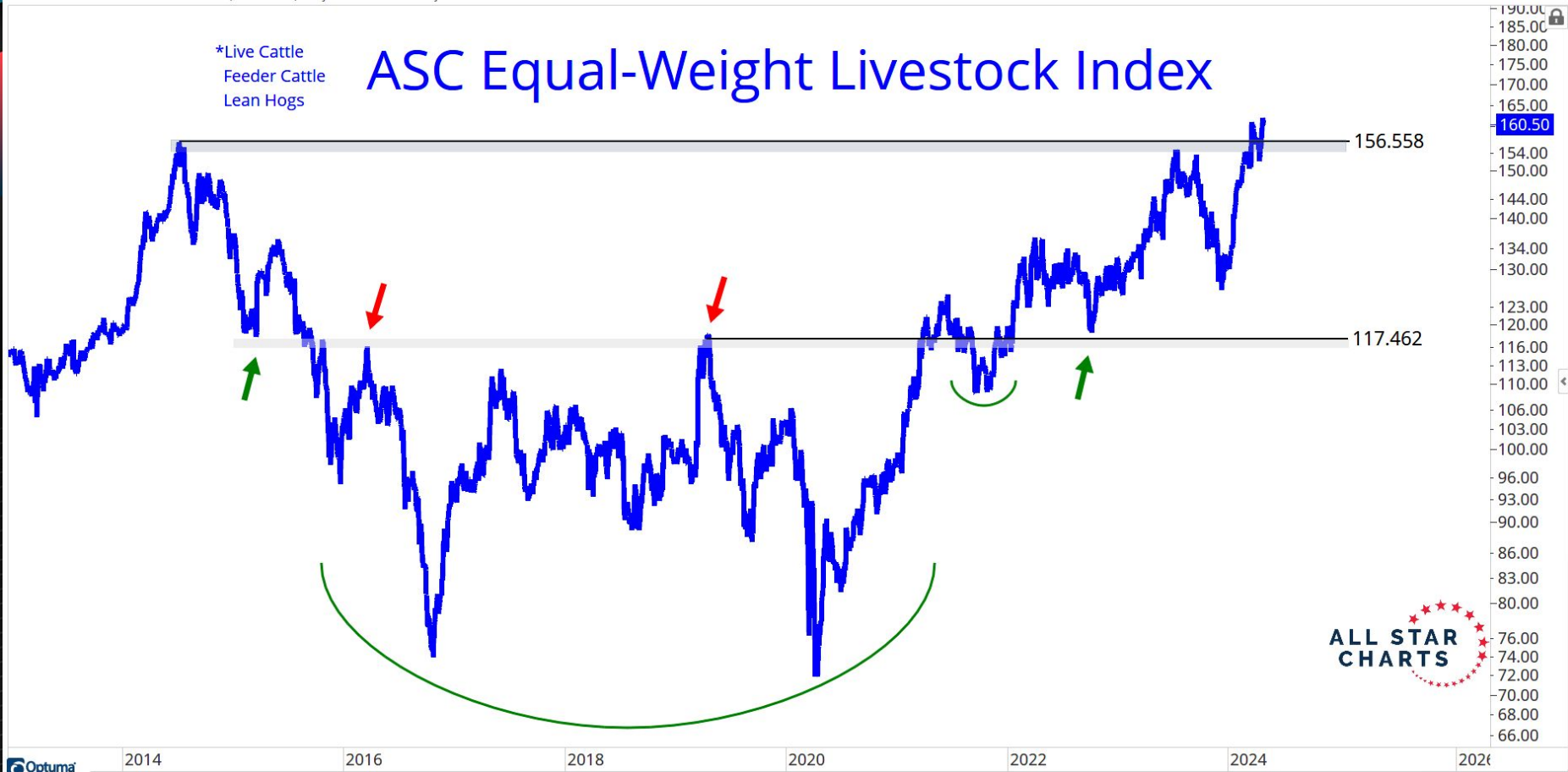
## ZR\_F



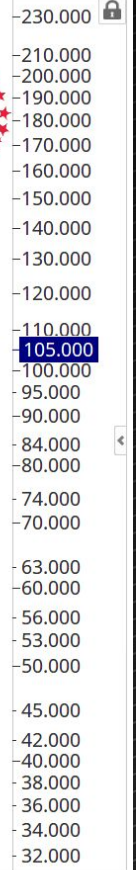
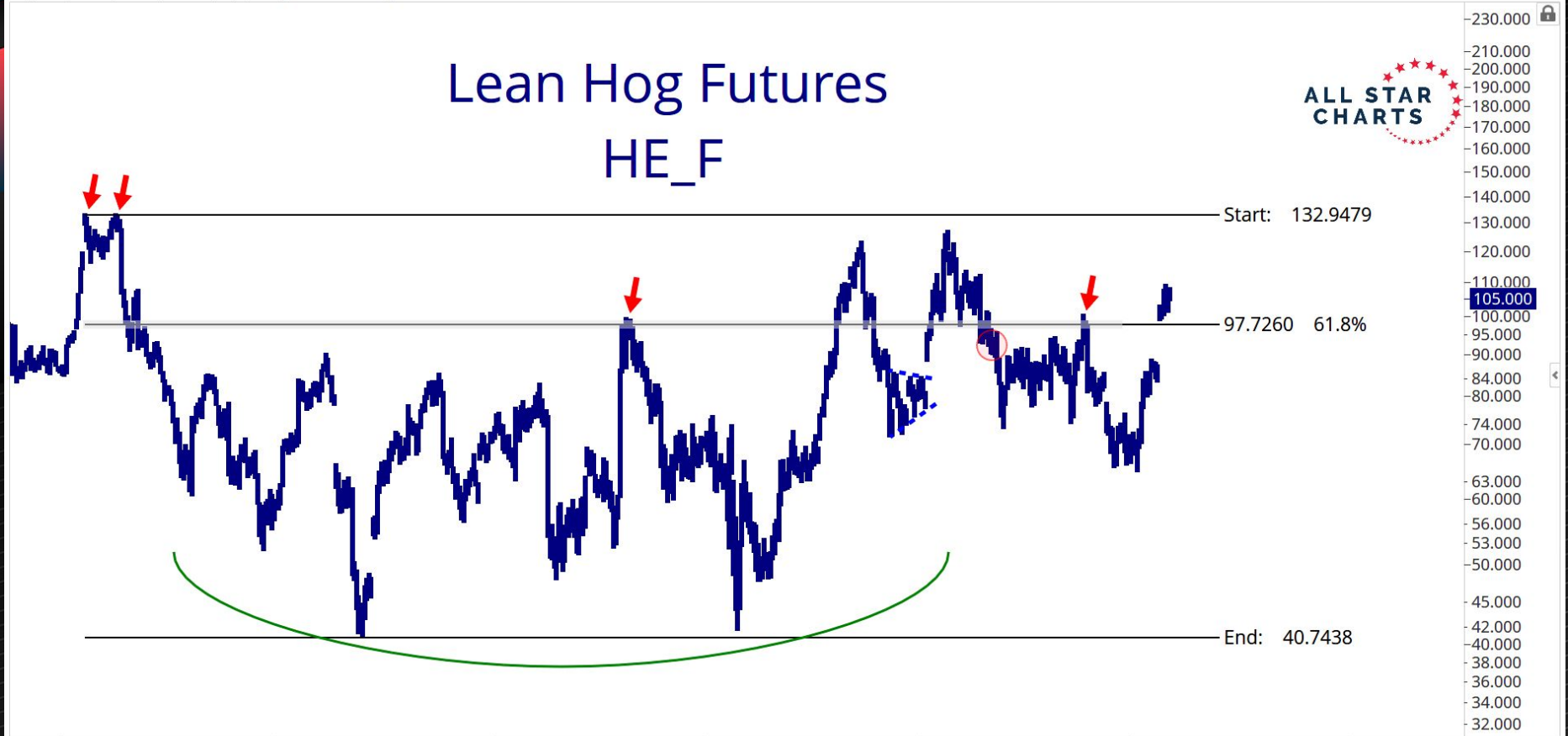


\*Live Cattle  
Feeder Cattle  
Lean Hogs

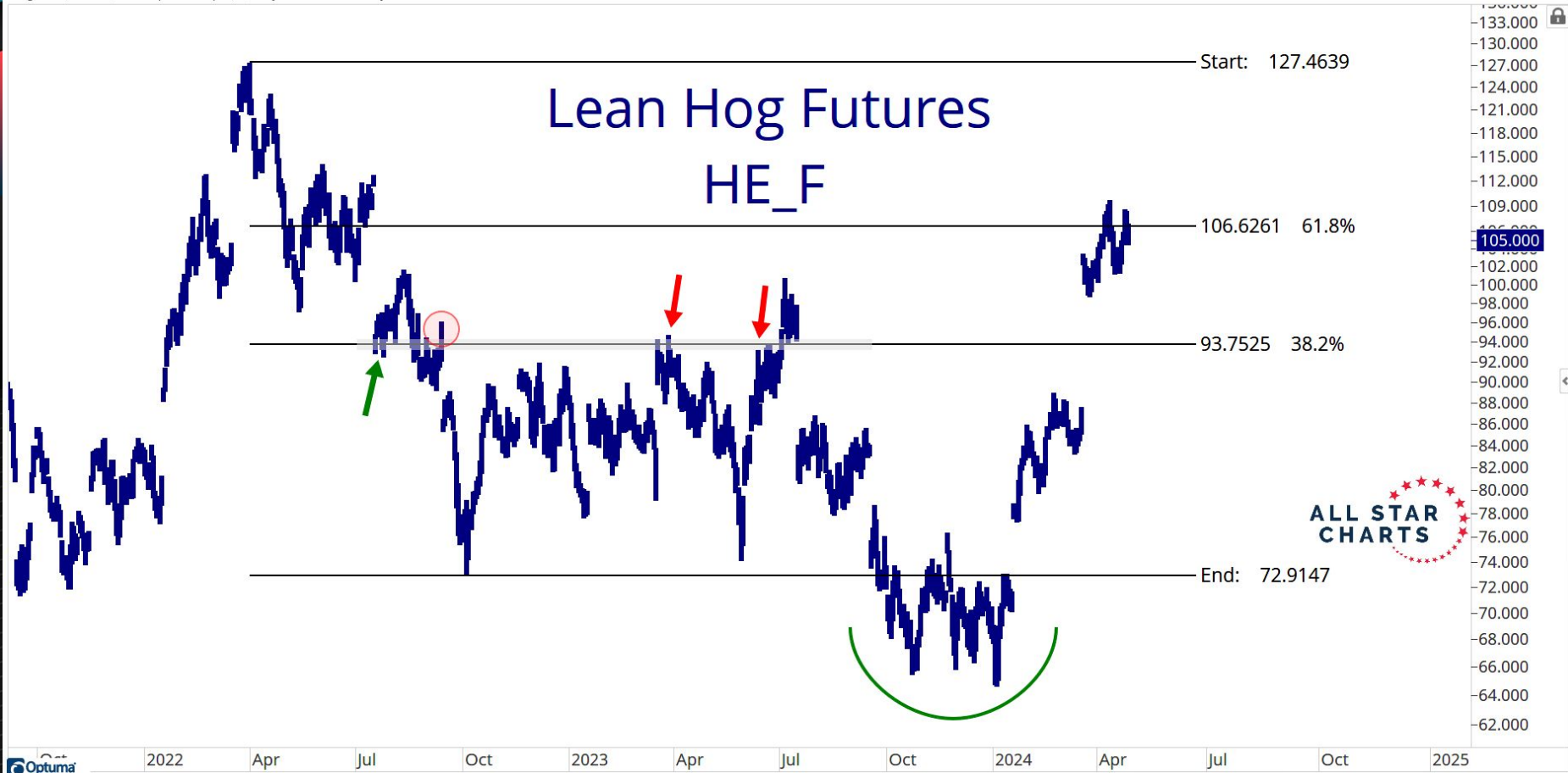
# ASC Equal-Weight Livestock Index



# Lean Hog Futures HE\_F



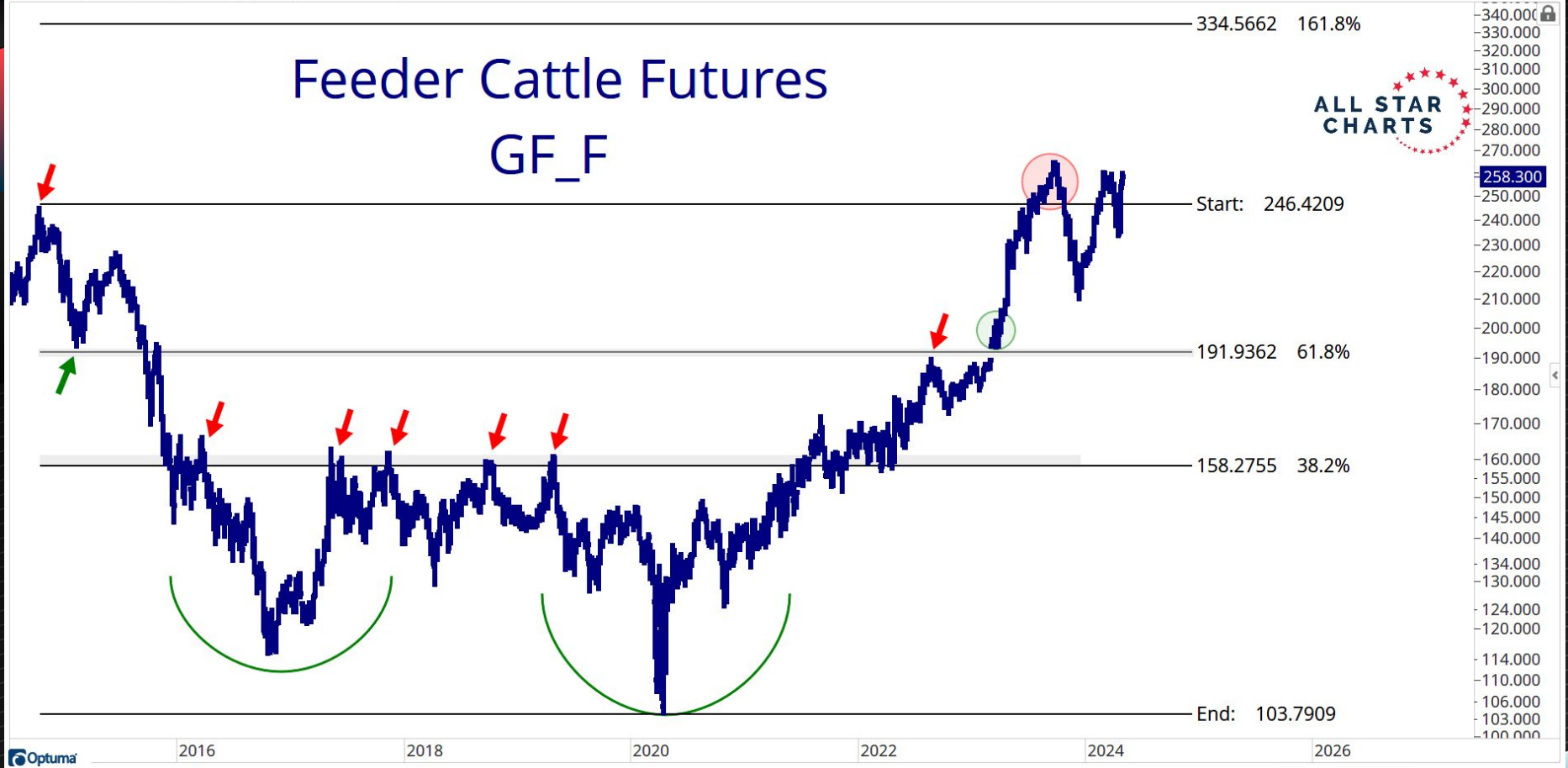
# Lean Hog Futures HE\_F



105.000

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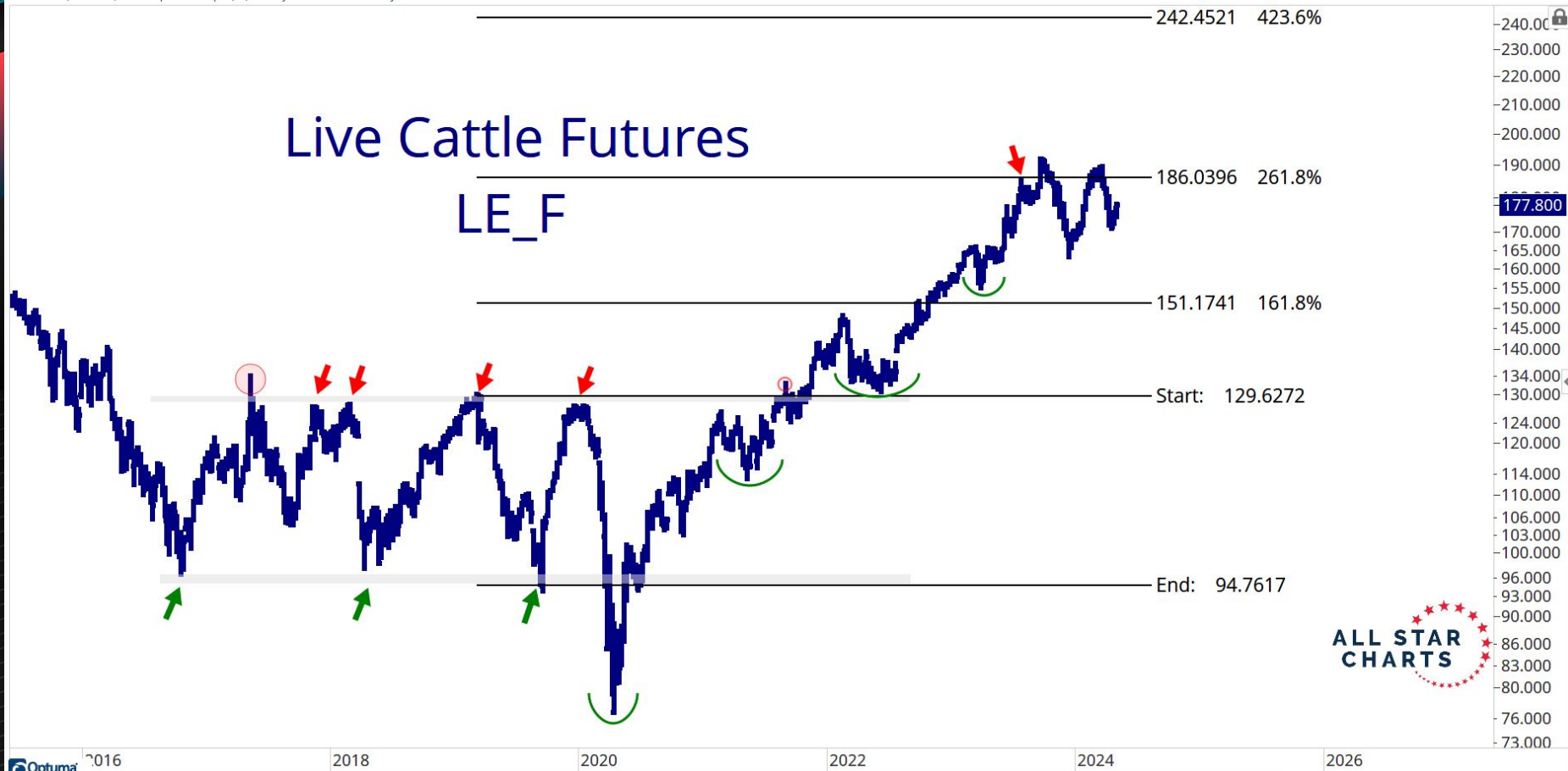
# Feeder Cattle Futures GF\_F





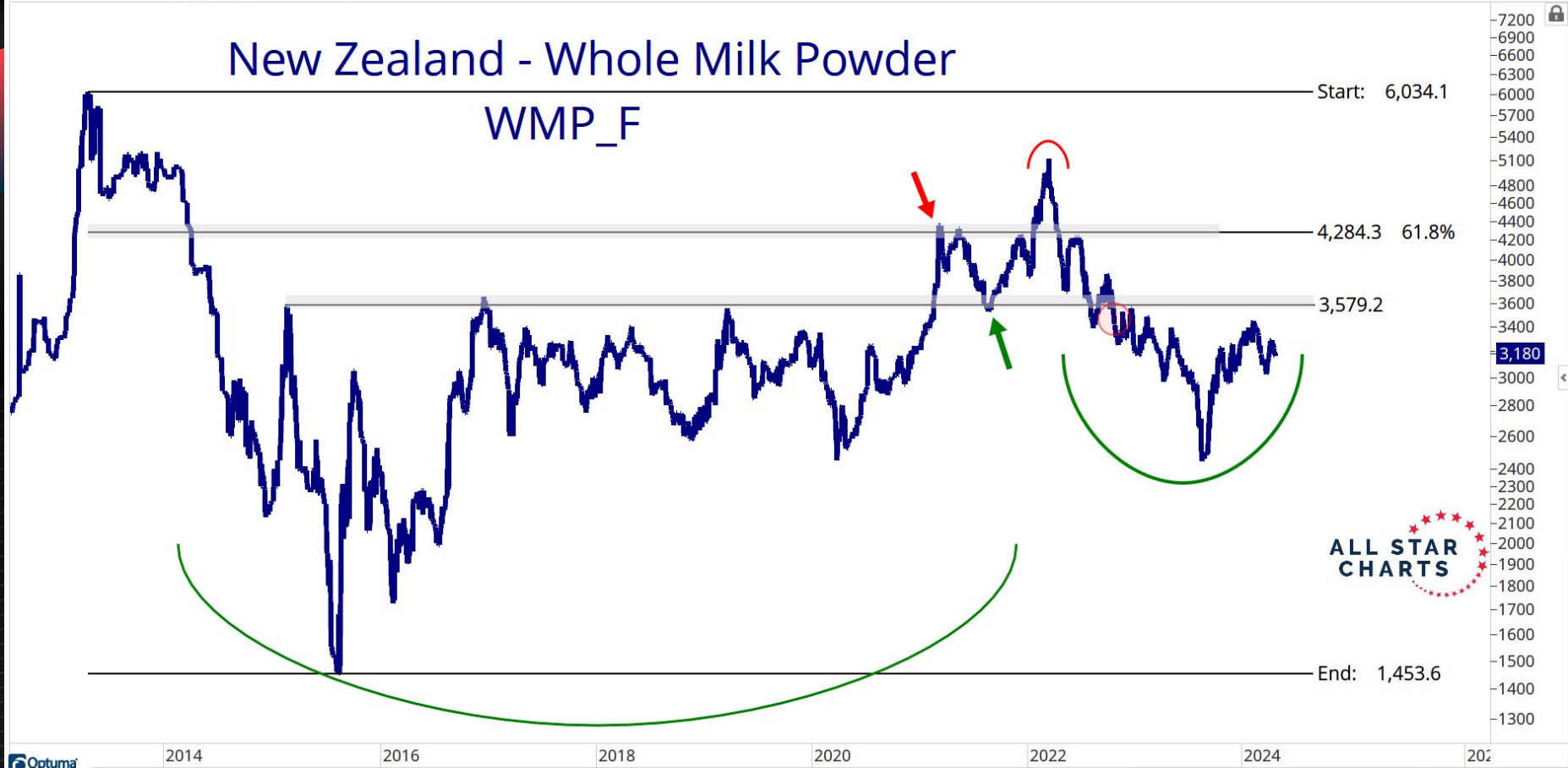
# Live Cattle Futures

LE\_F

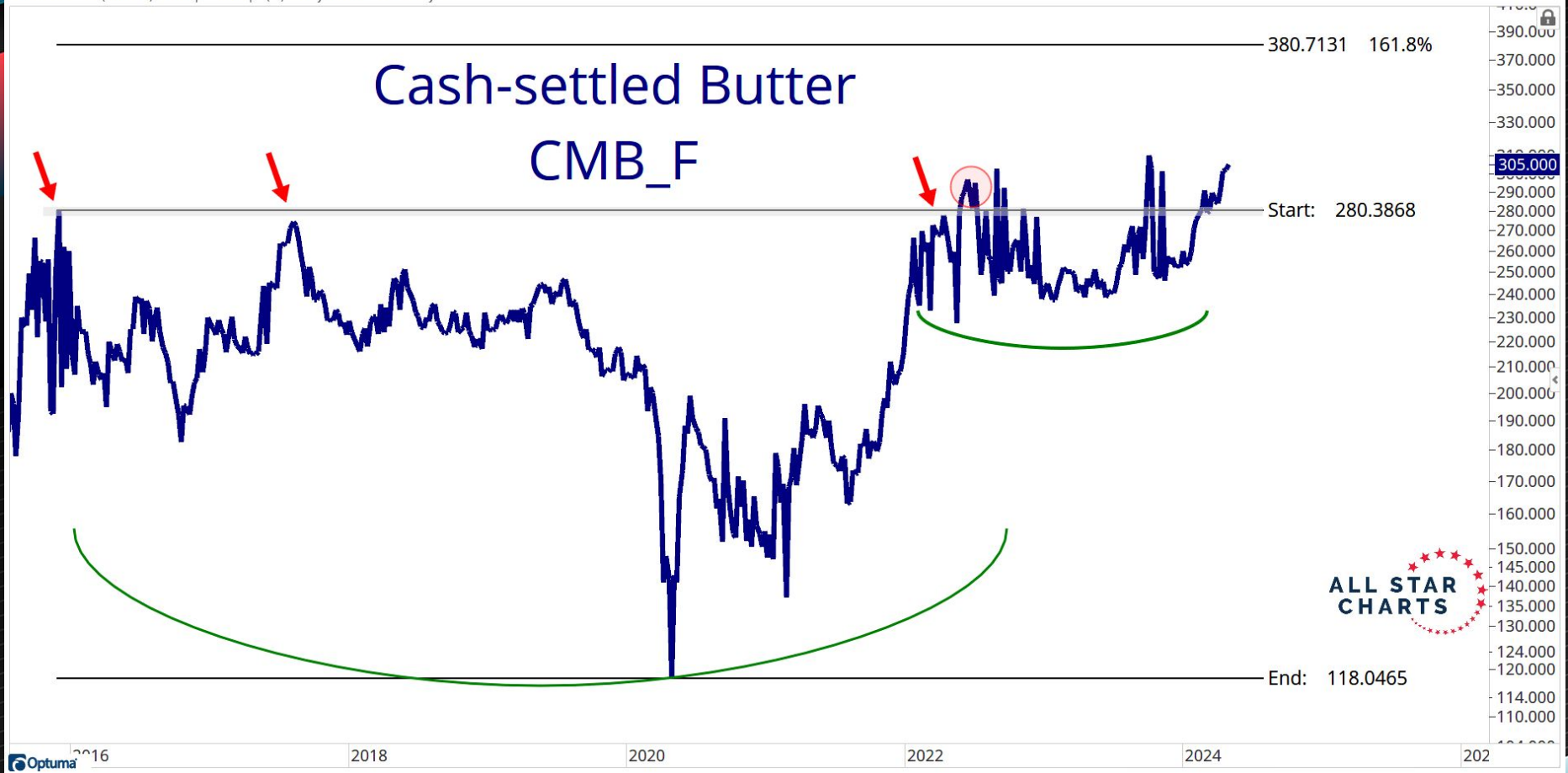


# New Zealand - Whole Milk Powder

## WMP\_F



# Cash-settled Butter CMB\_F



380.7131 161.8%

Start: 280.3868

End: 118.0465

305.000



# Water Resources ETF PHO

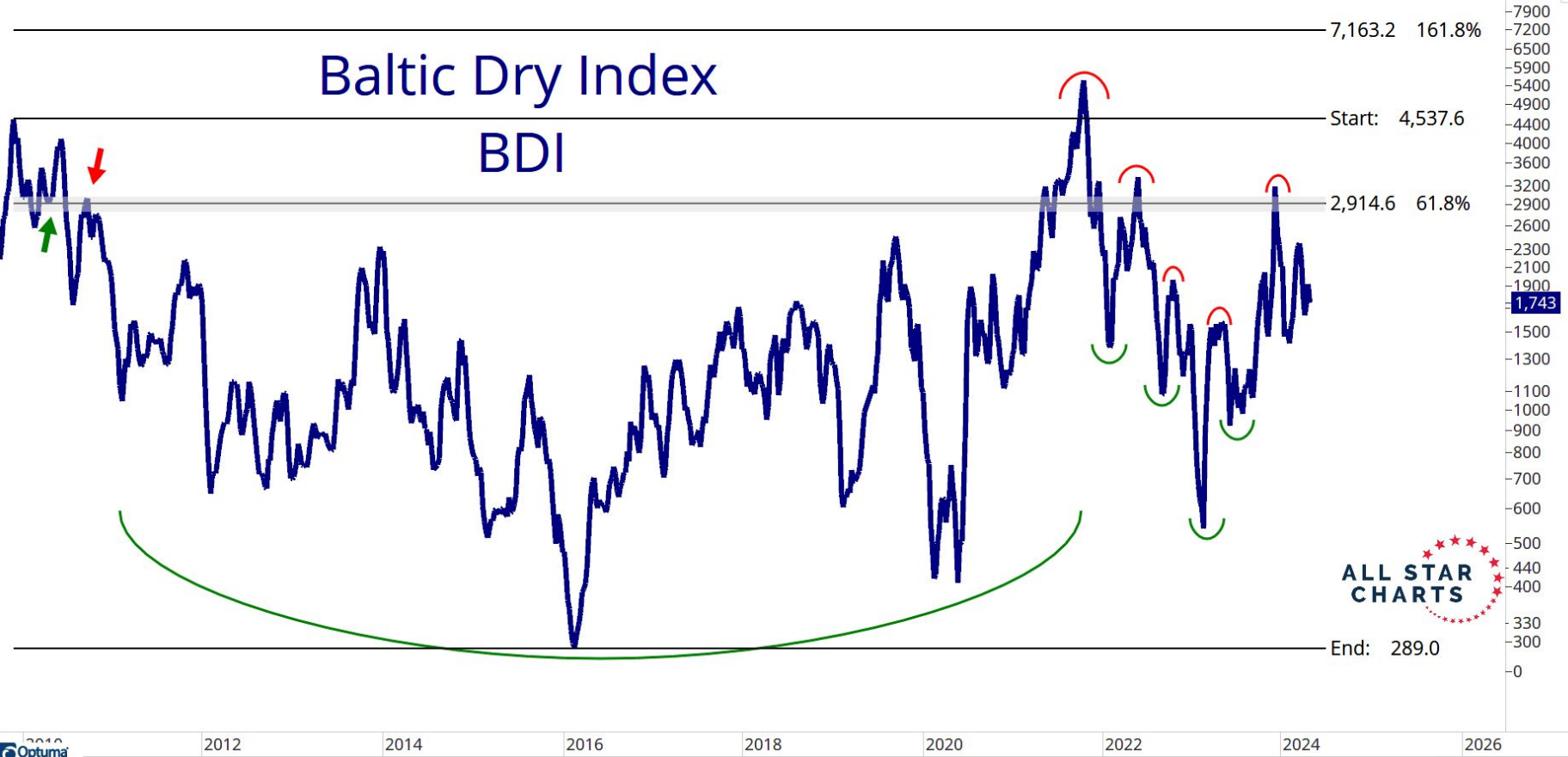




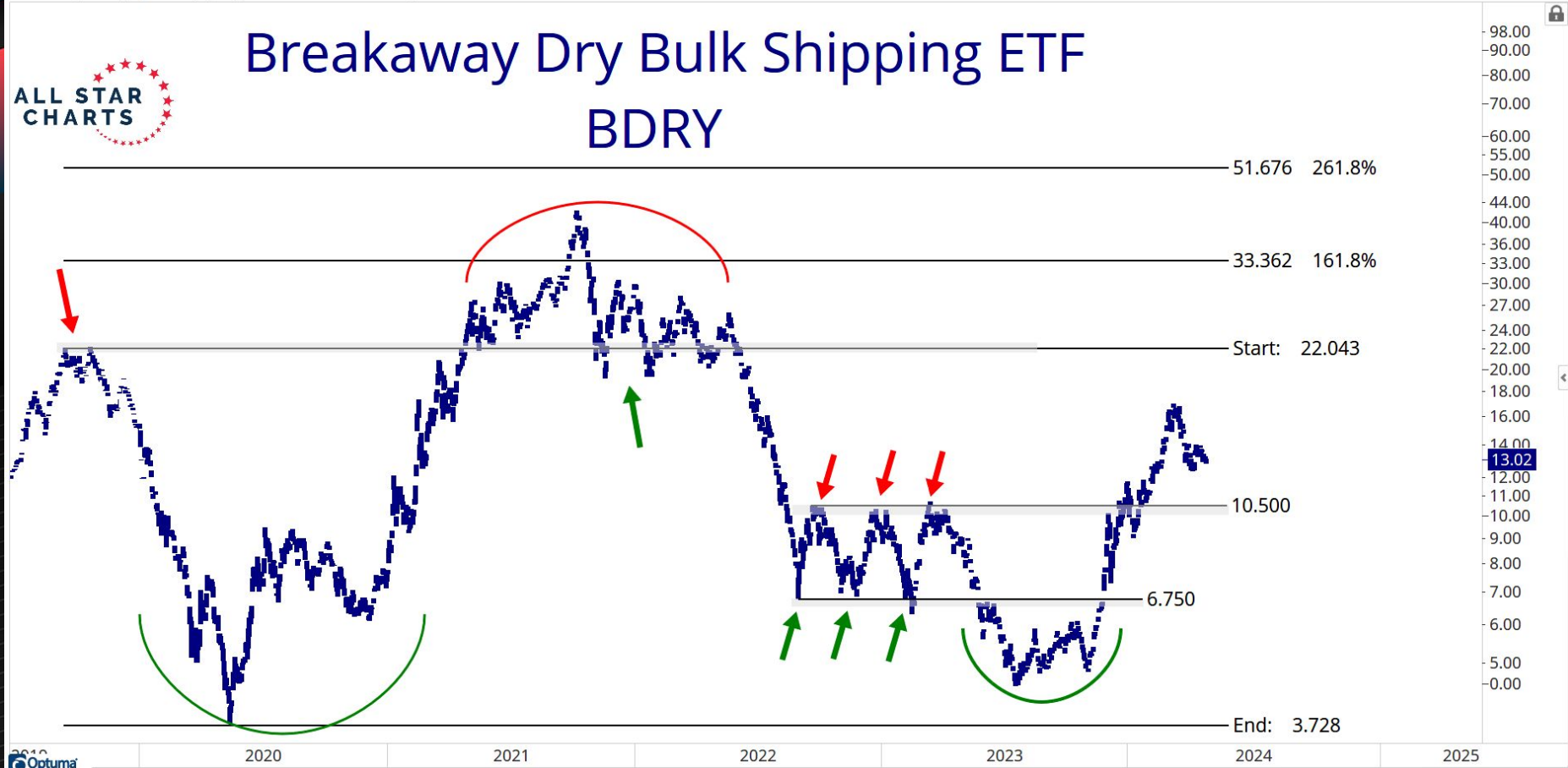
# Palm Oil Futures KO\_F



# Baltic Dry Index BDI



# Breakaway Dry Bulk Shipping ETF BDRY

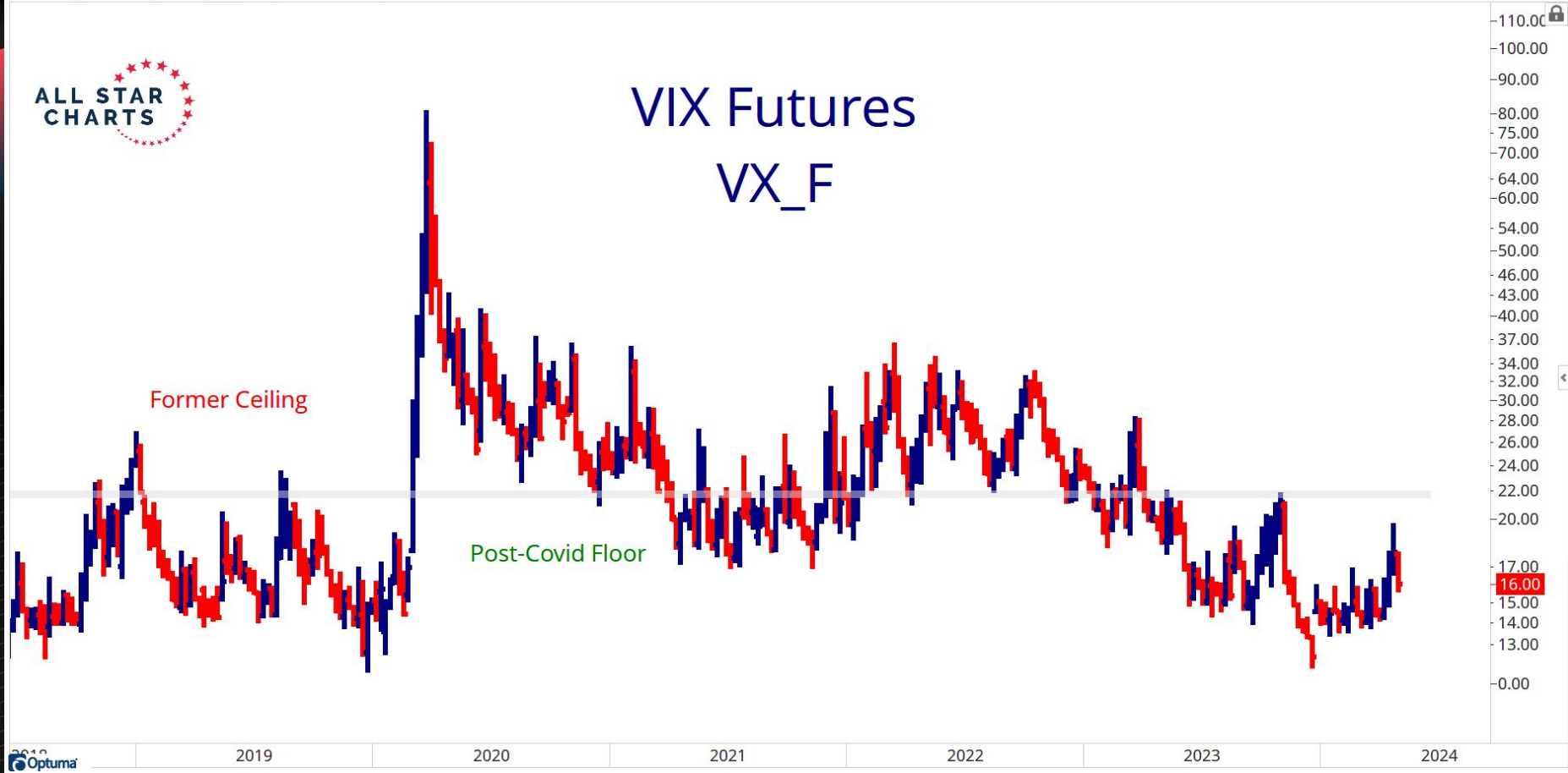




# VIX Futures VX\_F

Former Ceiling

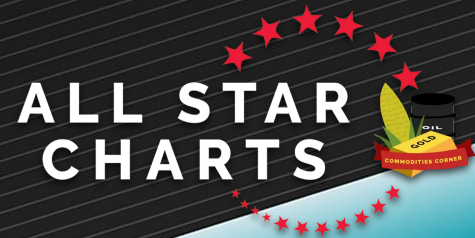
Post-Covid Floor



16.00



# Natural Resource Scans



# Natural Resources Stocks

Ticker	Company	Industry	Country	Market Cap (Mlns)	Change from 2018 High	Drawdown From 52-Wk Hi
WPM	Wheaton Precious Metals Corp	Gold	Canada	24,355	136.9%	0.0%
TECK	Teck Resources Ltd	Other Industrial Metals & Mining	Canada	25,652	61.7%	0.0%
HBM	Hudbay Minerals Inc.	Copper	Canada	2,850	-19.2%	0.0%
AEM	Agnico Eagle Mines Ltd	Gold	Canada	32,401	31.9%	0.0%
FSM	Fortuna Silver Mines Inc.	Gold	Canada	1,466	-19.5%	-0.4%
KGC	Kinross Gold Corp.	Gold	Canada	8,271	46.0%	-0.6%
HCC	Warrior Met Coal Inc	Coking Coal	USA	3,637	108.3%	-0.6%
IAG	Iamgold Corp.	Gold	Canada	1,831	-41.7%	-1.3%
TROX	Tronox Holdings plc	Chemicals	USA	2,724	-20.6%	-1.9%
CENX	Century Aluminum Co.	Aluminum	USA	1,633	-27.7%	-2.1%
CDE	Coeur Mining Inc	Gold	USA	1,921	-45.3%	-2.2%
AGI	Alamos Gold Inc.	Gold	Canada	5,947	121.6%	-2.5%
TSN	Tyson Foods, Inc.	Farm Products	USA	21,272	-26.0%	-2.6%
CCJ	Cameco Corp.	Uranium	Canada	21,344	293.3%	-2.8%
HMY	Harmony Gold Mining Co Ltd	Gold	South Africa	5,712	261.2%	-2.8%
MAG	MAG Silver Corp.	Silver	Canada	1,336	1.5%	-3.1%
PAAS	Pan American Silver Corp	Gold	Canada	6,918	2.2%	-3.2%
BVN	Compania de Minas Buenaventura S.A.A.	Other Precious Metals & Mining	Peru	4,288	1.1%	-3.5%
AA	Alcoa Corp	Aluminum	USA	6,453	-40.3%	-3.6%
FCX	Freeport-McMoRan Inc	Copper	USA	70,860	147.1%	-3.7%
GFI	Gold Fields Ltd	Gold	South Africa	15,573	293.7%	-4.3%
SCCO	Southern Copper Corporation	Copper	USA	86,450	95.0%	-4.4%
BECN	Beacon Roofing Supply Inc	Industrial Distribution	USA	6,188	47.6%	-4.4%
TX	Ternium S.A.	Steel	Luxembourg	8,375	1.1%	-5.3%
EGO	Eldorado Gold Corp.	Gold	Canada	3,015	105.3%	-5.6%

Data As Of April 25, 2024

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# Oil & Gas Stocks

Ticker	Company	Industry	Country	Market Cap (Mlns)	Change from 2018 High	Drawdown From 52-Wk Hi
WMB	Williams Cos Inc	Oil & Gas Midstream	USA	48,067	18.8%	0.0%
TTE	TotalEnergies SE	Oil & Gas Integrated	France	171,565	12.7%	0.0%
TRGP	Targa Resources Corp	Oil & Gas Midstream	USA	26,188	101.1%	0.0%
SWN	Southwestern Energy Company	Oil & Gas E&P	USA	8,426	29.4%	0.0%
SU	Suncor Energy, Inc.	Oil & Gas Integrated	Canada	50,760	-6.7%	0.0%
SHEL	Shell Plc	Oil & Gas Integrated	United Kingdom	235,072	-0.5%	0.0%
OKE	ONEOK Inc	Oil & Gas Midstream	USA	47,458	14.0%	0.0%
LBRT	Liberty Oilfield Services Inc	Oil & Gas Equipment & Services	USA	3,822	-1.5%	0.0%
ETRN	Equitrans Midstream Corporation	Oil & Gas Midstream	USA	5,950	-40.4%	0.0%
DTM	DT Midstream Inc	Oil & Gas Midstream	USA	6,264	0.0%	0.0%
CPG	Veren Inc.	Oil & Gas E&P	Canada	5,580	-1.1%	0.0%
CHK	Chesapeake Energy Corp.	Oil & Gas E&P	USA	11,964	0.0%	0.0%
AR	Antero Resources Corp	Oil & Gas E&P	USA	10,136	48.8%	0.0%
NOG	Northern Oil and Gas Inc.	Oil & Gas E&P	USA	4,344	-0.6%	-0.1%
PXD	Pioneer Natural Resources Co.	Oil & Gas E&P	USA	64,281	29.6%	-0.1%
KMI	Kinder Morgan Inc	Oil & Gas Midstream	USA	41,724	-4.2%	-0.2%
RRC	Range Resources Corp	Oil & Gas E&P	USA	9,135	103.7%	-0.3%
ET	Energy Transfer LP	Oil & Gas Midstream	USA	53,682	-16.9%	-0.4%
WES	Western Midstream Partners LP	Oil & Gas Midstream	USA	13,652	-11.6%	-0.4%
FANG	Diamondback Energy Inc	Oil & Gas E&P	USA	36,934	48.0%	-0.6%
GPOR	Gulfport Energy Corp.	Oil & Gas E&P	USA	2,931	0.0%	-0.6%
PBA	Pembina Pipeline Corporation	Oil & Gas Midstream	Canada	19,622	-2.9%	-0.6%
XOM	Exxon Mobil Corp.	Oil & Gas Integrated	USA	481,418	36.2%	-0.7%
AM	Antero Midstream Corp	Oil & Gas Midstream	USA	6,827	-35.4%	-0.8%
INSW	International Seaways Inc	Oil & Gas Midstream	USA	2,671	123.6%	-1.0%

Data As Of April 25, 2024

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