



WE LIVE IN AN ALT-UNIVERSE. Alt-protein, be it alt-meat, alt-dairy, alt-eggs, alt-seafood. Plant-based, mushroom-based, jackfruit-based, soybean-based, algae-based (*hold that thought*). There is lab grown, cell-cultured, fermented & 3-D printed; some with compounds & ingredients seeking GRAS certification. There is big money flowing into these products & there is big money to be made by capturing a share of the consumer dollar. With a still limited consumer base, a turf battle is coming (no, not alt-protein made from turf, though *turf* would likely be *GRAS* certified). This may not look just like a 1930s gangster movie turf battle, but like those movies, it will feature alt-blood.

FROM GANGSTER TO GREEN: The classic 1930s gangster movie usually featured a guy who rose from the streets to take over a gang, only to fall victim to his own greed, or sometimes, a woman. Three movies defined this genre: The Public Enemy (1931), Scarface (1932) & Little Caesar (1931). The Public Enemy starred Jimmy Cagney, a multitalented actor, dancer, singer, comedian; who among his Oscar nominations would win the 1942 Academy Award for his portrayal of George M. Cohan in Yankee Doodle Dandy. Scarface starred Paul Muni, a serious actor who would win both Oscar & Tony awards. Little Caesar starred Edward G. Robinson, a fine actor who never received an Oscar nomination. Little Caesar, like Scarface, perpetuates the stereotype of Italian Americans as gangster (don't worry, I'm not offended), with Robinson as a street thug, Caesar Enrico "Rico" Bandello, who rises to control Chicago's Northside mob, rackets & bootlegging. His boyhood friend, Joe Massara, leaves the life of crime behind, but has been witness to many of Rico's crimes & killings. Joe knows too much. Rico tries to kill Joe, but in an incredible scene, Robinson shows amazing emotion as he realizes he cannot pull the trigger on his friend. Eventually, a rival gang guns down Rico & as he dies in the gutter from which he spawned, says these memorable words, "Mother of Mercy, is this the end of Rico?" While noted for his gangster roles, Robinson went on to play the insurance investigator catching murderers Barbara Stanwyck & Fred MacMurray in Double Indemnity, a Nazi-hunting Federal agent in The Stranger & Margaret O'Brien's gentle, loving father in Our Vines have Tender Grapes. Moving into character roles in the 50s & 60s, Robinson was featured in movies with the most popular stars - Frank Sinatra, Charlton Heston, Steve McQueen, Jack Lemmon, Kirk Douglas, Gregory Peck. His final film was in 1973, a sci-fi classic, starring Charlton Heston. Heston plays a police detective in a dystopian world where among other things, there is a lack of real food. The CEO of the largest food producing company, making a nutritional algae-based food product that is saving the world, has been murdered. To add to this mess, the product is in short supply; there are supply chain disruptions, protests & riots in the street. Heston calls on Robinson, an aged & retired police analyst, for help. Robinson has a small library of now banned material that includes information about real food, animals, forest & farms; now long gone. Heston nears the truth, the real cause of the murder & finds out some things about the food product, but his superiors shut down his investigation. Robinson, in his research, discovers the truth & is so disturbed by what he knows, that he decides to return to 'his Home with God,' & enters the government's euthanasia program. Heston rushes to his friend. As Robinson is dying, he whispers what he found out & begs Heston to get proof. Heston boards the truck taking Robinson's body away – to a waste disposal plant where human remains are turned into food. Heston is spotted, escapes & makes his way back to the government leadership, called the Supreme Exchange, to speak the truth. They capture him & try to silence him, but as he is dragged away, he shouts this now classic movie line, "Soylent Green is people!" Oh, we should also mention, Edward G. Robinson's last movie, 1973's Soylent Green, is set in the year 2022! Happy New Year!

INDUSTRY NEWS: Darling Ingredients will acquire Valley Proteins (Winchester, Va.) for approximately \$1.1B, the operator of 18 waste rendering & recycling of waste produced by animal processing, supermarkets & restaurants.

Still/sparkling water brand Liquid Death raised \$75M led by Science, the company that helped launch the brand, who now owns a significant share. ReHarvest Provisions (formerly ReBlend), smoothies formulated from rescued produce, raised \$1.5M led by *True Wealth Venture*. Israel-based *Remilk*, fermented dairy-free proteins by precision fermentation, raised \$120M led by Hanaco Ventures, with involvement from Precision Capital, Rage Capital, CPT Capital, Intercap, OurCrowd, Aliya Capital, Chartered Group, Indorama Ventures, Tal Ventures, Fresh Fund, Izaki Ventures & Paradigm Shift Fund. Kernel Mycofoods, Argentinian fungi protein startup, raised \$15M led by Union Group Ventures. Al-powered Focal Systems closed a \$25.8M round for its inventory management technology with Point72 Ventures, Costanoa, Zetta & Zebra Technologies involved. BrewBike, student run coffee businesses, raised \$3M+ from CEAS Investments, Connetic Ventures, Koto, Techra Investments, Be-Cause Ventures, Westbrook & Venetia Kontogouris. Vejii, eCommerce retailer, has acquired Hawaii-based distributor & wholesaler VedgeCo USA (for \$6.2M) to help brands move to brick & mortar. Canada's Plant&Co. Brands (Holy Crap Foods & YamChops) will acquire 51% of kettle corn snack company LumberHeads Food. Duncan Family Farms, a family-owned, multiregional grower of certified organic & sustainably-grown produce, acquired Pedersen Farms, a family-owned farm & certified organic grower located in upstate New York. Dessert Holdings acquired Steven Charles - A Dessert Co., gourmet desserts supplying foodservice & retail; terms not disclosed. PE firm MidOcean Partners acquired Casper's Ice Cream, Cache Valley, Utah, maker of Churn Baby, FatBoy & Jolly Llama. Benson Hill acquired ZFS Creston, soy flour manufacturing, for \$102M. Oterra acquired Food Ingredient Solutions (Teterboro, NJ), a supplier of colors & antioxidant ingredients; terms not disclosed. ADM will acquire the remaining 40% shareholding of Invivo Sanpo, a China-based pet food company. *Kroger* will buy-back \$1B worth of shares.

Net income dropped in *Cal-Maine Foods*' 2nd QTR, sales rose 13%. Canadian independent grocer & plant-based product developer *Organic Garage* reported a 3rd QTR sales drop of 14.4% as net loss improved to just C\$288K.

Schnuck Markets will launch Good For You, a program to help shoppers track their purchases of products for healthy eating. Walmart plans to make its InHome Delivery (straight to the refrigerator) service available to 30M households this year (an increase from 6M households today). Israel-based computer vision company, Trigo, will partner with 4K store retailer Netto Marken-Discount to pilot its first hybrid checkout-free grocery store. Quick grocery delivery Gorillas & nutrition app Wellory will make a new Wellory recipe available once a week on Gorillas' app. John Deere launched is first autonomous tractor. Brain Corp, AI robotics, has created a data capture accessory that can be added to Tennant Company's autonomous floor scrubbers. Silk chocolate almond milk frozen dessert is now offered at Cold Stone Creamery developed in partnership with Danone. Corona has launched SunBrew 0.0%, a non-alcoholic beer with 330ml of vitamin D. Coca-Cola & Constellation Brands are teaming up to create spirits-based cocktails under the Fresca soda label. Troy Aikman will launch EIGHT beer, made from organic grains, having no sugar & features antioxidant-rich Hallertau Taurus hops. Singer Katy Perry launched a non-alcoholic aperitif, De Soi. KFC will offer Beyond Meat chickenless fried offerings nationwide. Noodles & Company will test a low-carb linguine. Chipotle will open Chipotlane Digital Kitchen, with only a walk-up window, drive-thru & outdoor seating in Cuyahoga Falls, Ohio. Bjorn Oste, co-founder at Oatly, has stepped down after the company's recent IPO.

Walmart, Target, Kroger & Albertsons were recognized as omnichannel customer service leaders in a study from *Incisiv*. From *Euromonitor*, 42% of global consumers are restricting their use of animal-based products, with digestive issues being the main reason. An *NPD* study shows that consumers are upping their protein intake but falling short of other key nutrients, such as fiber. In *TD Bank*'s 2021 *Restaurant Franchise Pulse* survey, delivery options have permanently altered the restaurant landscape with more 2/3 of restaurants getting more than 11% of total sales through delivery. Southwest temperatures & frost will delay California & Arizona produce harvests.

MARKET NEWS: Markets were lower this week as new jobs widely missed expectations, as 4.5M people quit the workforce in November.

SEEDS, SPROUTS, GROW, HARVEST! THE LITCHFIELD FUND — *Tom Malengo*

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