

25,000 M -

20,000 M -

15,000 M -

10.000 M -

5.000 M -

0 M -



Sales, NI & Operating CF, annually

30.000 M -

25,000 M -

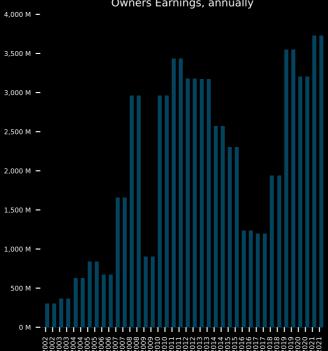
20,000 M -

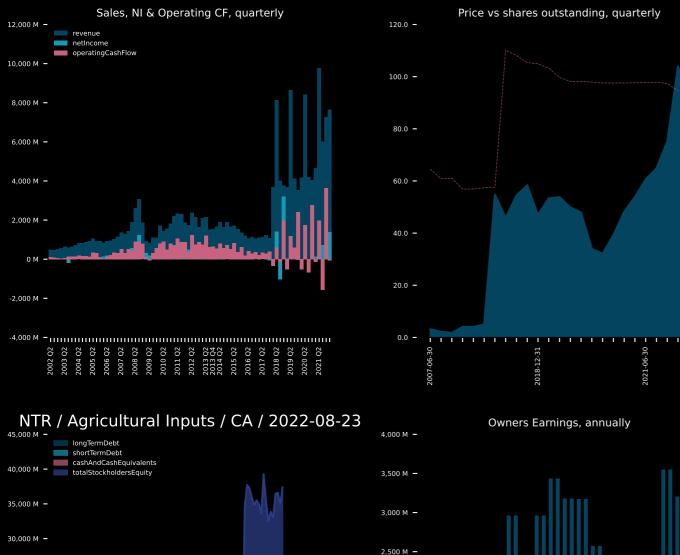
15,000 M -

10,000 M -

5,000 M -

netincome





25,000 M -

20,000 M -

15,000 M -

10.000 M -

5.000 M -

0 M -



Sales, NI & Operating CF, annually

30.000 M -

25,000 M -

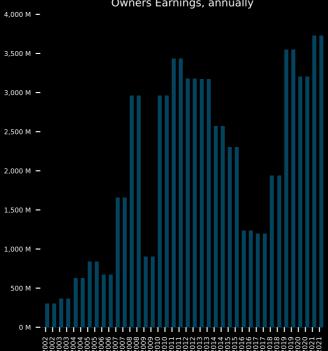
20,000 M -

15,000 M -

10,000 M -

5,000 M -

netincome

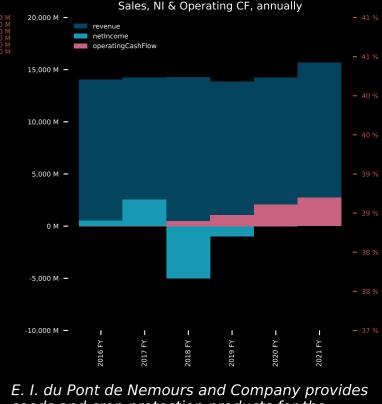




-500 M -

2021

0 M -



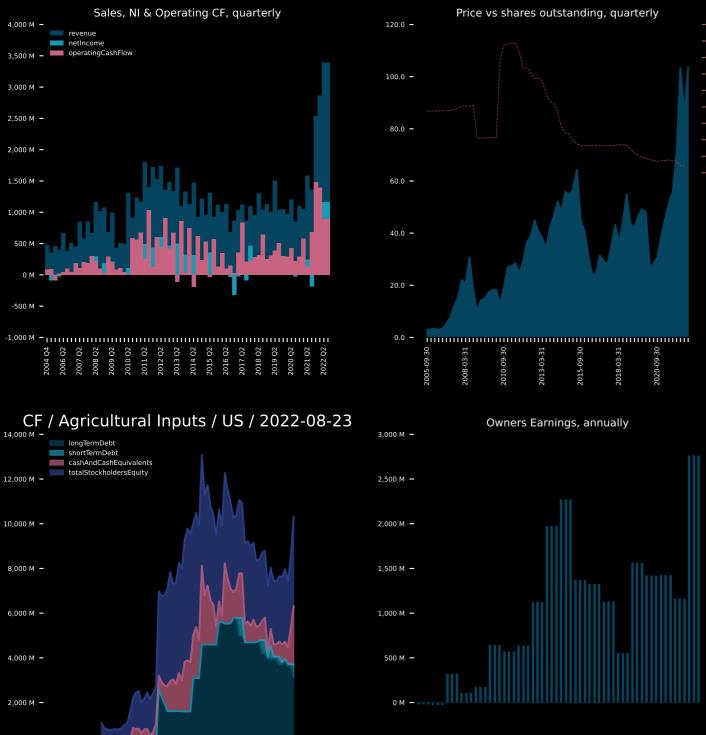
seeds and crop protection products for the agriculture industry in the United States, Canada, Europe, the Middle East, Africa, Latin America, and the Asia Pacific. It operates through Seed and Crop Protection segments. The Seed segment develops and supplies advanced germplasm and traits that produce yield for farms; offers corn, soybean, and other oil seeds; trait technologies that enhance resistance to weather, disease, insects, and herbicides, which is used to control weeds. It also enhances food and nutritional characteristics; and digital solutions that assist farmer decision-making with a view to optimizing product selection and yield. The Crop Protection segment serves the agricultural input industry with products that protect against weeds, insects and other pests, and diseases, as well as enhance overall crop health above and below ground via nitrogen management and seed-applied technologies. This segment provides herbicides, insecticides, nitrogen stabilizers and pasture, and range management herbicides. In addition, it offers its products under the Pioneer, Brevant, Dairyland Seed, Hoegemeyer,

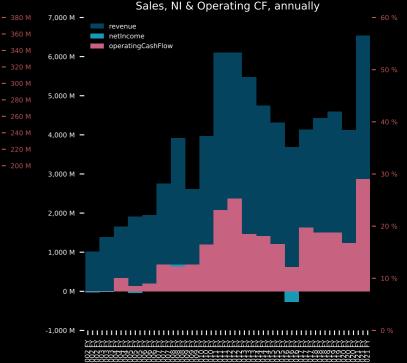


ом —

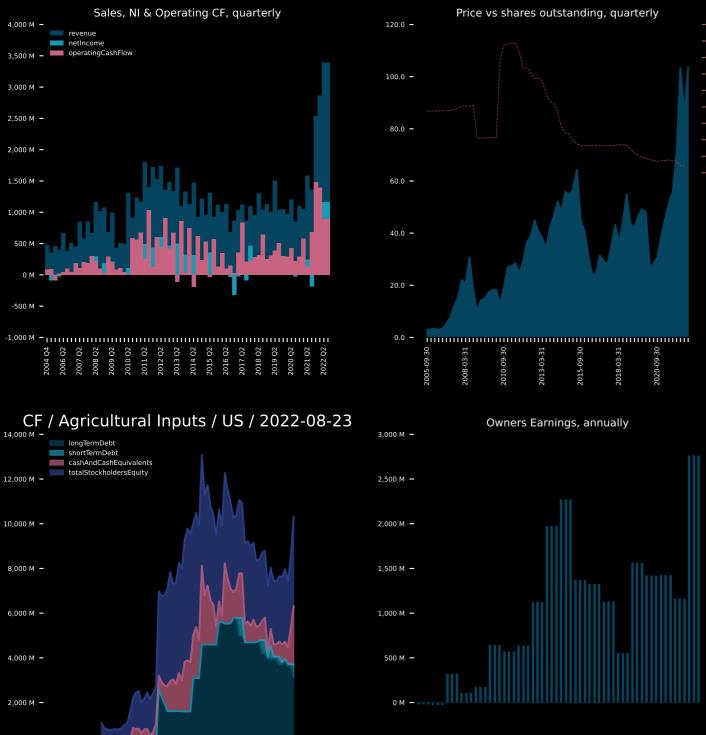
10,000 M -

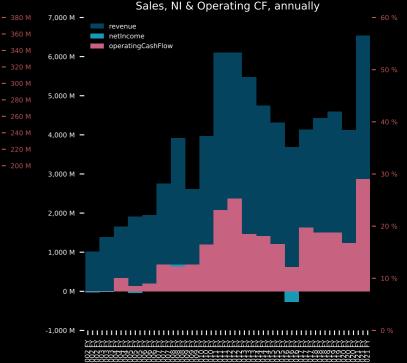
ом -



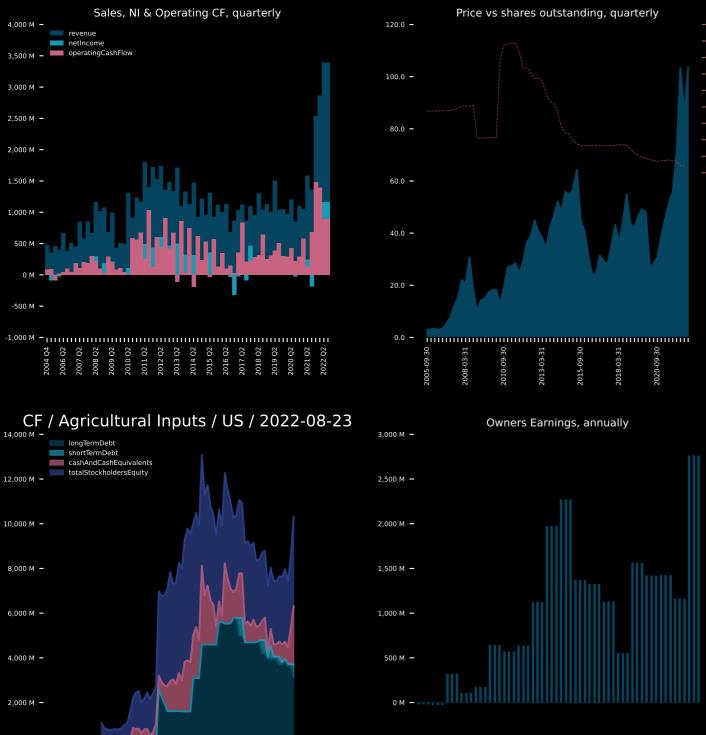


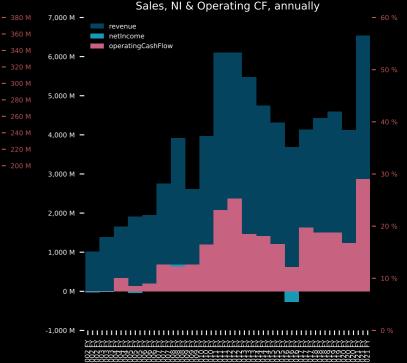
CF Industries Holdings, Inc. manufactures and sells hydrogen and nitrogen products for energy, fertilizer, emissions abatement, and other industrial activities worldwide. Its principal products include anhydrous ammonia, granular urea, urea ammonium nitrate, and ammonium nitrate products. The company also offers diesel exhaust fluid, urea liquor, nitric acid, and aqua ammonia products; and compound fertilizer products with nitrogen, phosphorus, and potassium. It primarily serves cooperatives, independent fertilizer distributors, traders, wholesalers, and industrial users. The company was founded in 1946 and is headquartered in Deerfield, Illinois.



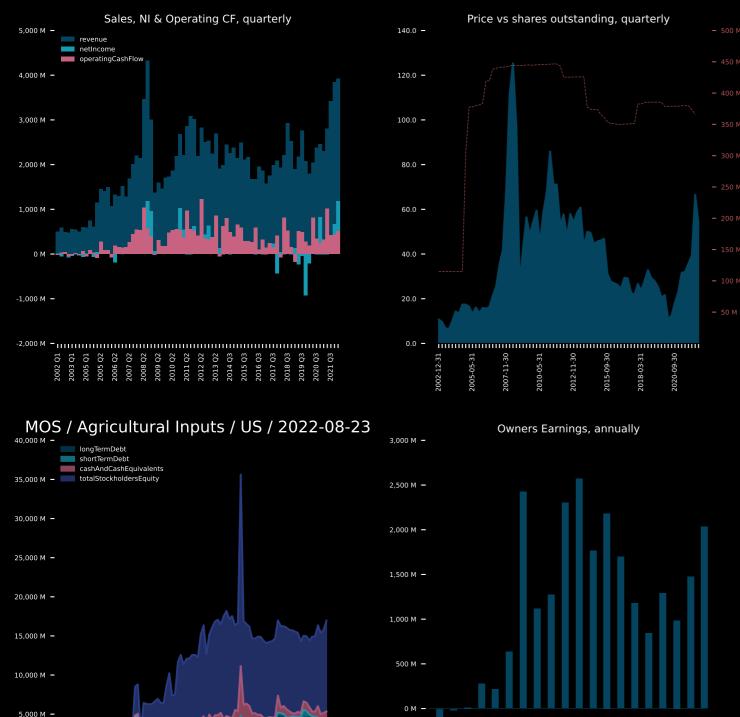


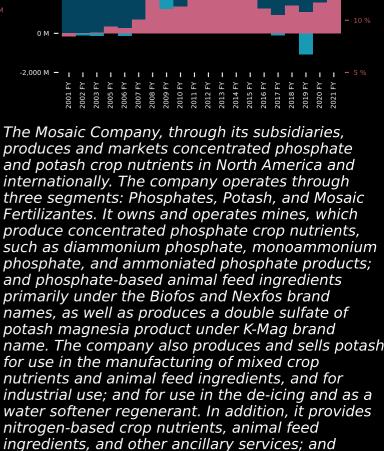
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purchases and sells phosphates, potash, and nitrogen products. The company sells its products

to wholesale distributors, retail chains, farmers, cooperatives, independent retailers, and national

Sales, NI & Operating CF, annually

14 000 M -

12.000 M

10,000 M

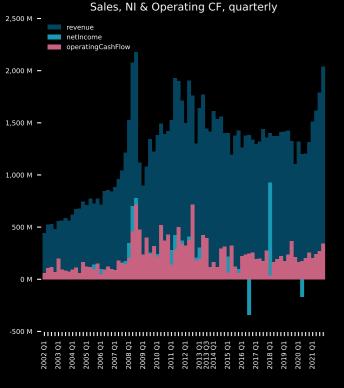
8.000 M -

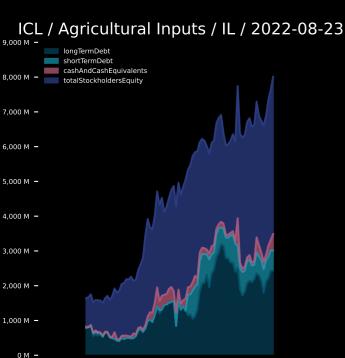
6.000 M -

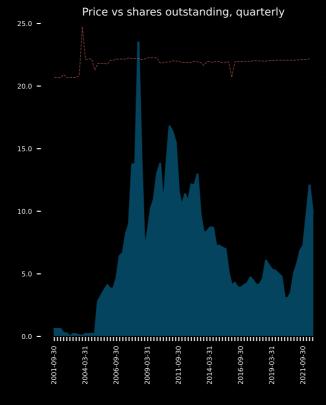
4,000 M -

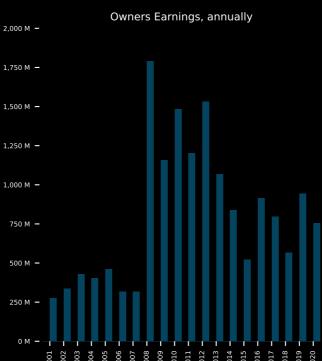
2,000 M

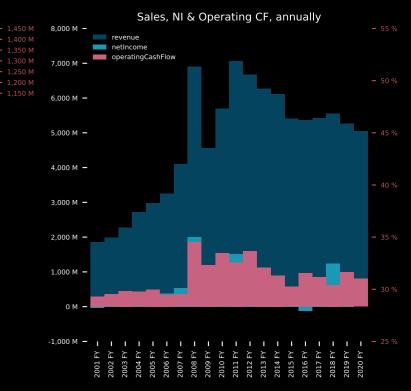
netIncome



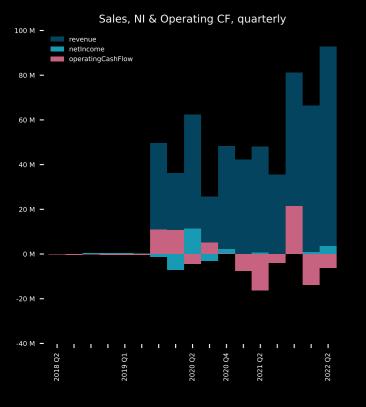




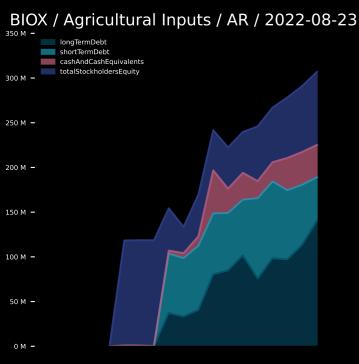


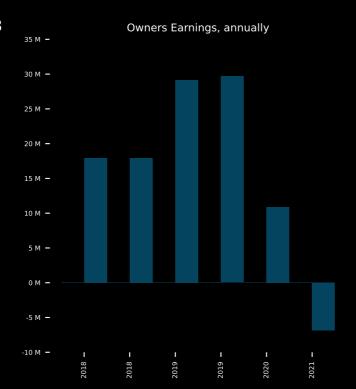


ICL Group Ltd, together with its subsidiaries, operates as a specialty minerals and chemicals company worldwide. It operates in four segments: Industrial Products, Potash, Phosphate Solutions, and Innovative Ag Solutions (IAS). The Industrial Products segment produces bromine out of a solution that is a by-product of the potash production process, as well as bromine-based compounds; produces various grades of potash, salt, magnesium chloride, and magnesia products: and produces and markets phosphorous-based flame retardants and other phosphorus-based products. The Potash segment extracts potash from the Dead Sea; mines and produces potash and salt; produces Polysulphate; produces, markets, and sells magnesium and magnesium alloys, as well as related by-products, including chlorine and sylvinite; and sells salt. The Phosphate Solutions segment uses phosphate commodity products to produce specialty products; produces and markets phosphate-based fertilizers, as well as sulphuric acid, green phosphoric acid, and phosphate fertilizers; and manufactures thermal phosphoric acid for various industrial end markets,

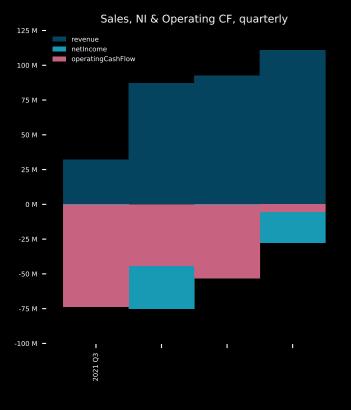


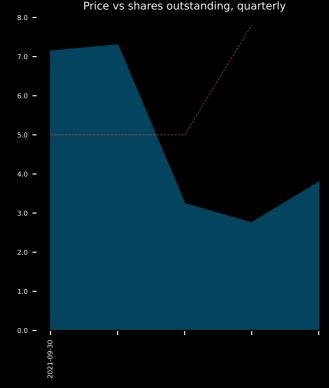


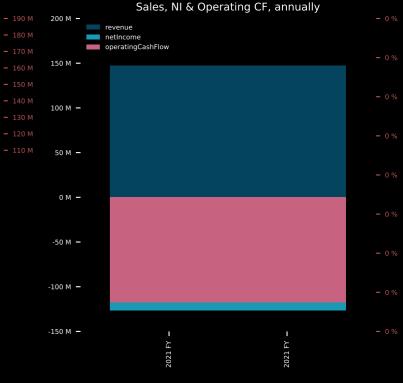


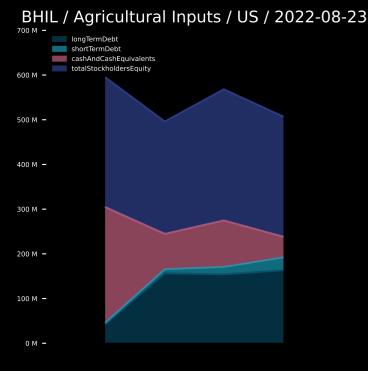


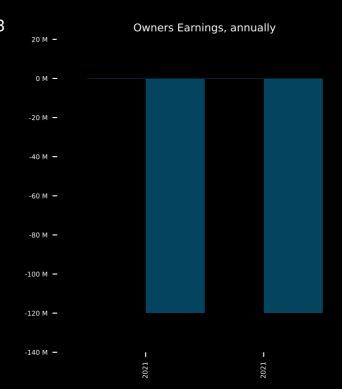
Bioceres Crop Solutions Corp., together with its subsidiaries, provides crop productivity solutions. It operates through three segments: Seed and Integrated Products, Crop Protection, and Crop Nutrition. The Seed and Integrated Products segment develops and commercializes seed technology, biotechnological events, germplasm, and seed treatments. The Crop Protection segment develops, produces, and markets Rizoderma, adjuvants, therapies, herbicides, insecticides, fungicides, and baits. The Crop Nutrition segment develops, produces, commercializes, and sells inoculants, bio-inductors, and biological and microgranulated fertilizers. The company also offers HB4, a drought tolerant seed technology program. It operates in Argentina, Uruguay, France, South Africa, and internationally. The company was founded in 2001 and is headquartered in Rosario, Argentina. Bioceres Crop Solutions Corp. is a subsidiary of Bioceres LLC.



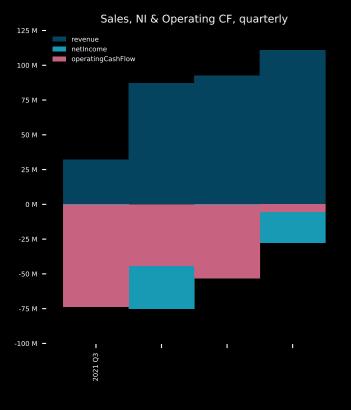


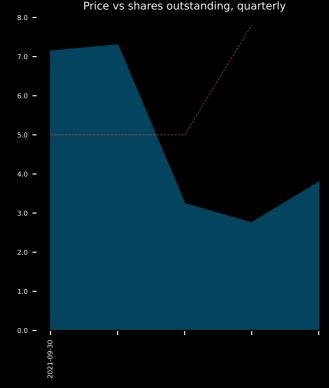


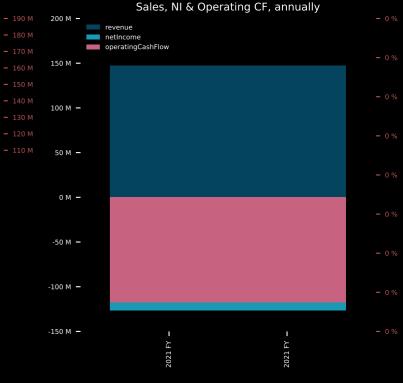


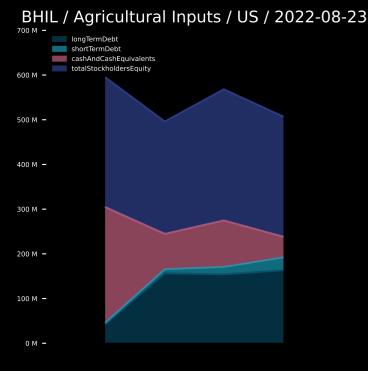


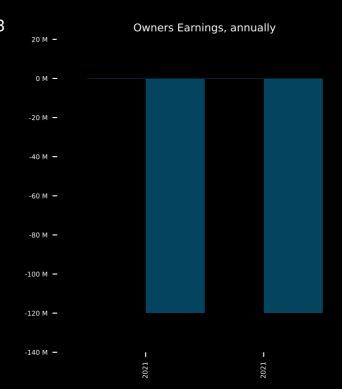
Benson Hill, Inc., together with its subsidiaries, operates as a food technology company that unlocks natural genetic diversity of plants. It operates in two segments, Ingredients and Fresh. The company offers CropOS, a technology platform, which uses artificial intelligence, data, and various advanced breeding techniques that combine data, plant, and food sciences to deliver crops optimized for food, ingredient, and feed products. The company's technology is applied in soybeans and yellow peas. It focuses on growing, packing, and selling fresh produce products to retail and food service customers. The company was formerly known as Benson Hill Biosystems, Inc. Benson Hill, Inc. was incorporated in 2012 and is headquartered in Saint Louis, Missouri.



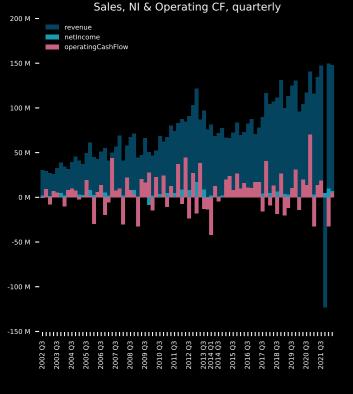


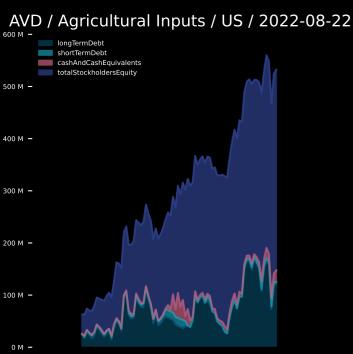


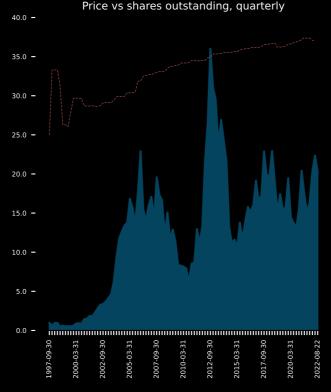




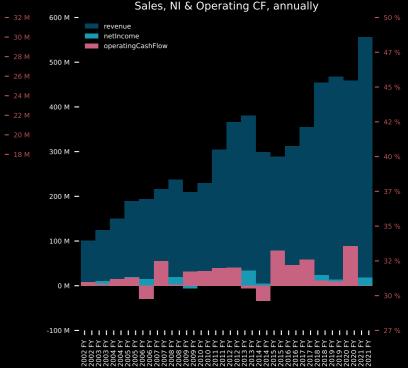
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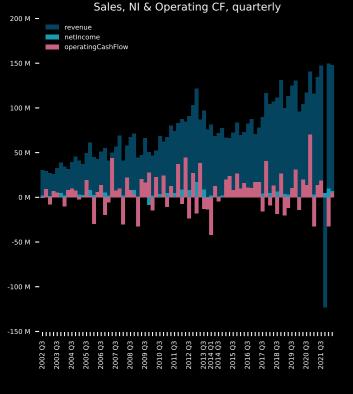


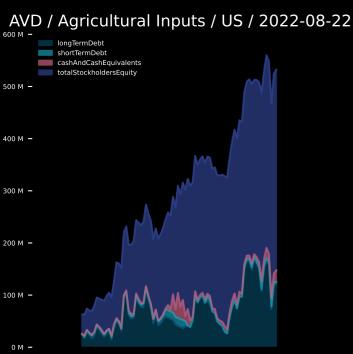


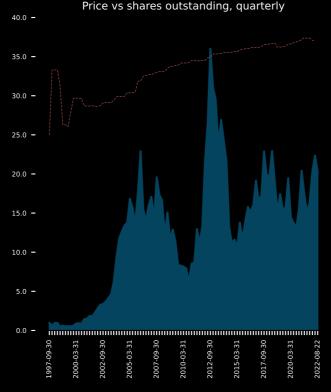




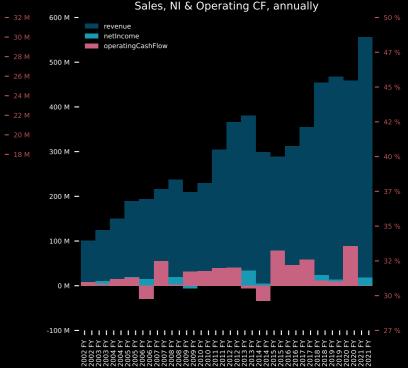
American Vanguard Corporation, through its subsidiaries, develops, manufactures, and markets specialty chemicals for agricultural, commercial, and consumer uses in the United States and internationally. It manufactures and formulates chemicals, including insecticides, fungicides, herbicides, molluscicides, soil health, plant nutrition, growth regulators, and soil fumigants in liquid, powder, and granular forms for crops, turf and ornamental plants, and human and animal health protection. The company also markets, sells, and distributes end-use chemical and biological products for crop applications; and distributes chemicals for turf and ornamental markets. It distributes its products through national distribution companies, and buying groups or co-operatives; and through sales offices, sales force executives, sales agents, and wholly owned distributors. The company was incorporated in 1969 and is headquartered in Newport Beach, California.



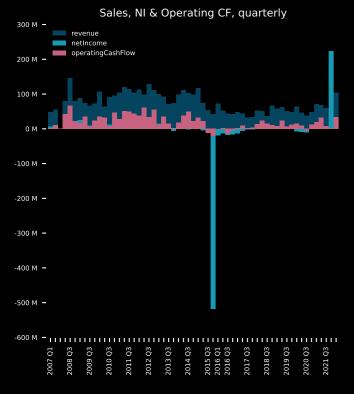


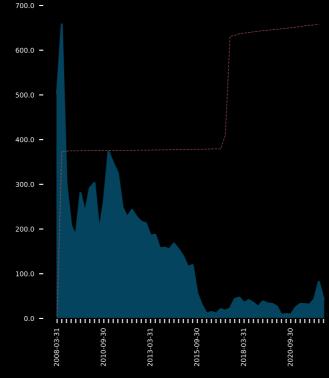


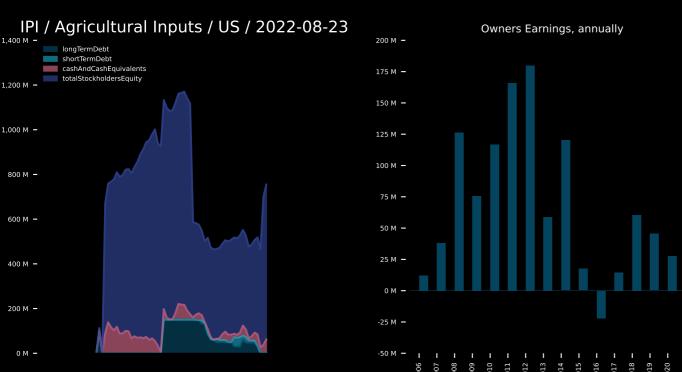


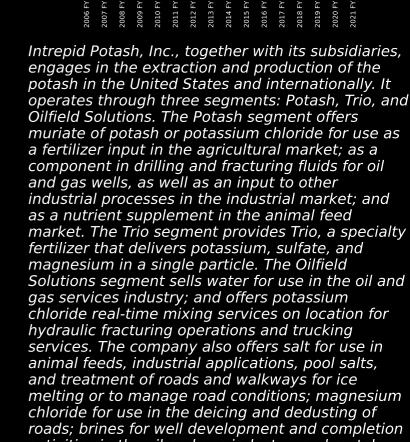


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Sales, NI & Operating CF, annually

- 70 %

- 60 %

600 M -

400 M -

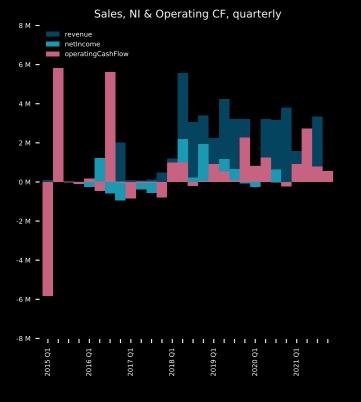
200 M -

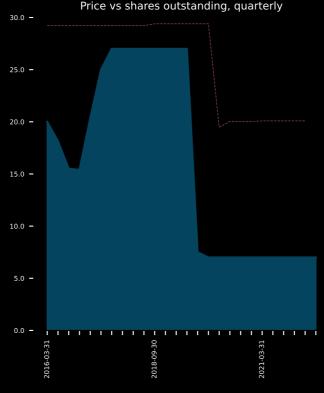
0 M

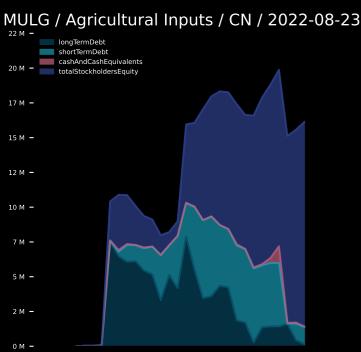
-200 M -

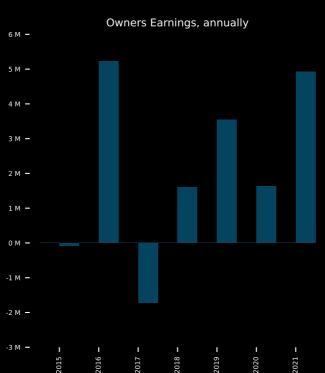
-400 M -

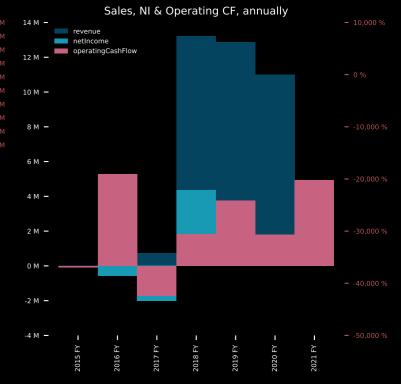
netincome



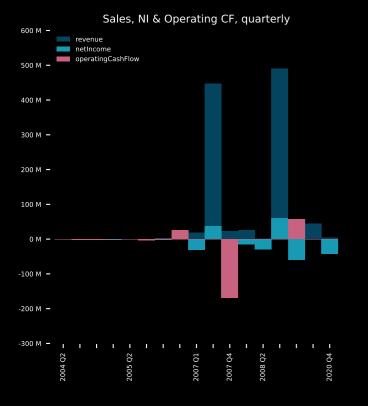


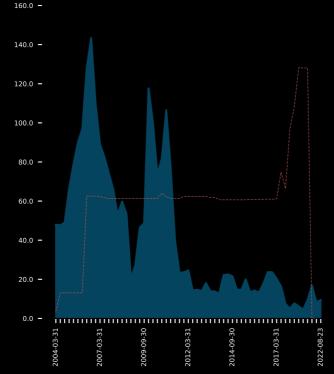


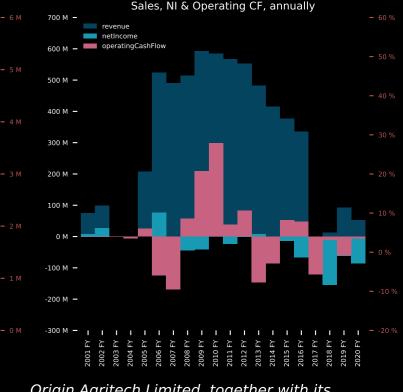


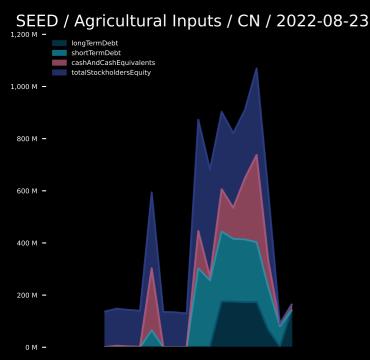


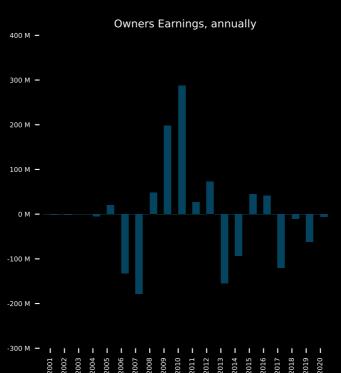
Muliang Viagoo Technology Inc., through its subsidiaries, develops, manufactures, and sells organic fertilizers and bio-organic fertilizers for use in agricultural industry in the People's Republic of China. Its organic fertilizer products comprise soil improvement and preparation, root protection, foliar nutrition, lower pesticide residue, fruit special, fruit tree, and corn and peanuts fertilizers. The company also engages in the sale of agricultural products. It sells its products under the Zongbao, Fukang, and Muliang brand names. Muliang Viagoo Technology Inc. was incorporated in 2014 and is based in Shanghai, China.



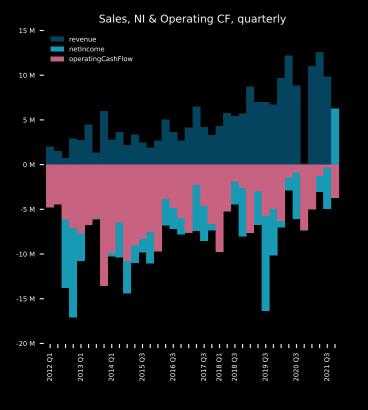


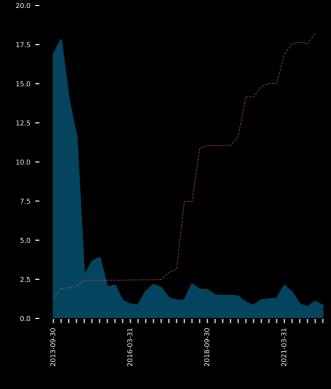


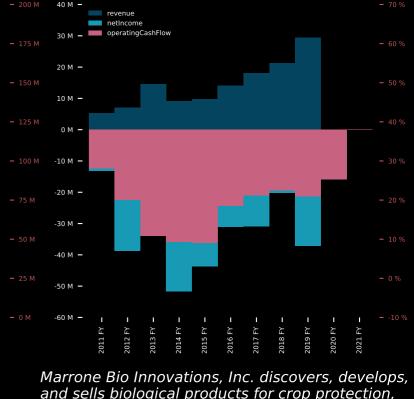




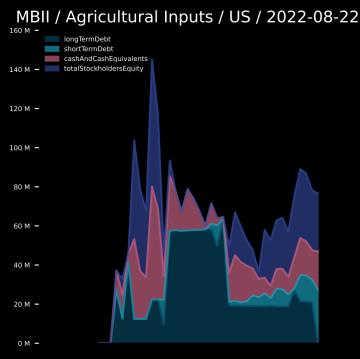
Origin Agritech Limited, together with its subsidiaries, operates an agricultural biotechnology and an e-commerce platform in the People's Republic of China. The company engages in crop seed breeding and genetic improvement activities. It develops, produces, and distributes hybrid crop seeds, as well as develops hybrid seed technology. The company also operates an e-commerce platform, which provides range of products, including agricultural seed products that comprise corn, rice, and vegetable seeds; other agricultural inputs, such as fertilizers and agricultural chemicals; foods; household products; and other consumer products to farmers through online and mobile ordering. It has a collaboration agreement with Chinese Academy of Agricultural Sciences, the National Maize Improvement Center, China Agricultural University, and Zhejiang University. Origin Agritech Limited was founded in 1997 and is headquartered in Beijing, China.

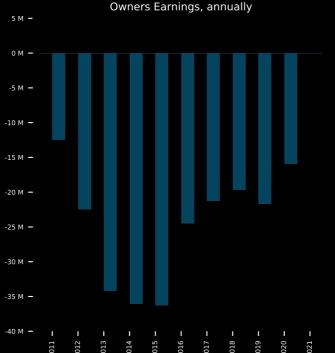




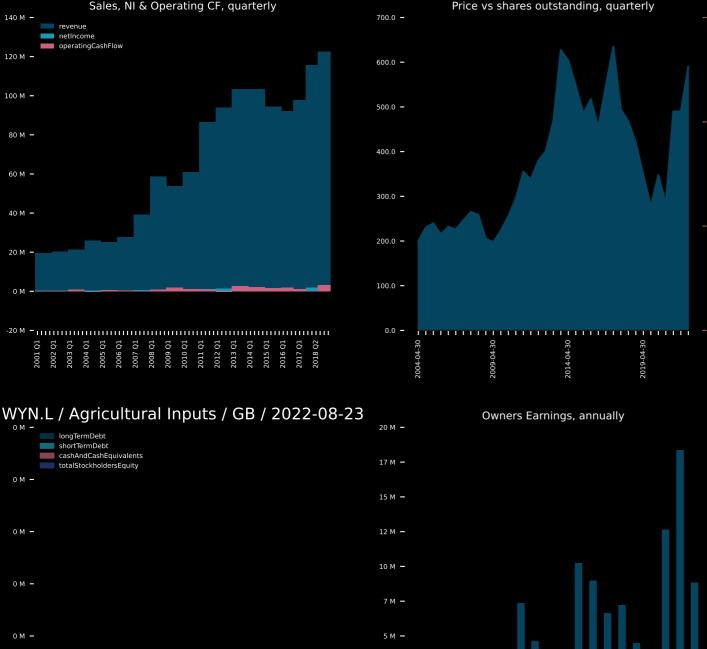


Sales, NI & Operating CF, annually





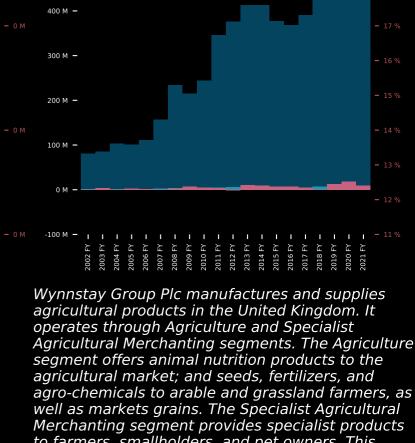
and sells biological products for crop protection, crop health, and crop nutrition. Its products include Emergen, Foramin, Foramin ST, Optima, Takla, Pacesetter, Ympact, UBP, and UBP ST for increasing crop health, yield, and quality; Grandevo, a bioinsecticide that controls sucking and chewing insects through feeding; Haven, a plant health product to reduce sun stress and dehydration; Jet-Ag and Jet-Oxide peroxyacetic acid sanitizers that prevent, suppress, eliminate, and control algae, fungi, and bacterial diseases in agriculture and horticultural industries; and Majestene, a bionematicide to control soil-dwelling nematodes and certain soil borne insects. The company also offers Regalia and Stargus, which protects against fungal and bacterial diseases and enhances yields/quality; Venerate, a bioinsecticide that controls chewing and sucking insects and mites; and Zelto, a bionematicide that protects turf, including golf course fairways and greens, and promotes turf health by enhancing plant and root health. It provides its products directly through sales force, as well as through distributors and



2 M

0 M -

ом -



Sales, NI & Operating CF, annually

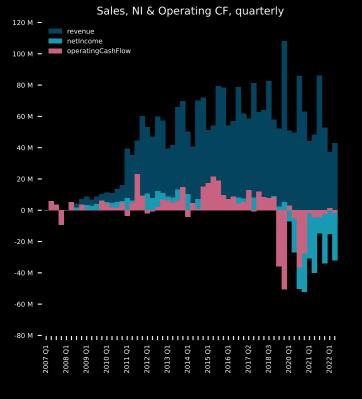
600 M -

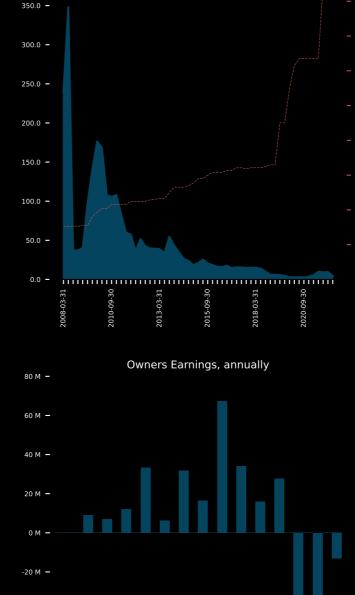
500 M -

netIncome

operatingCashFlow

to farmers, smallholders, and pet owners. This segment offers its products through 54 depots; and specialist catalogues, sales trading desk, and digital sales platform. It also manufactures and acts as a distributor of equine and small animal feeds through wholesalers and retailers. Wynnstay Group Plc was founded in 1917 and is headquartered in Llansantffraid-ym-Mechain, the United Kingdom.



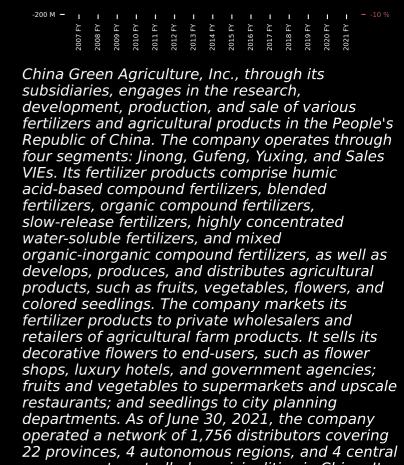


400 0 -

-40 M -

-60 M -

-80 M -



Sales, NI & Operating CF, annually

- 70 %

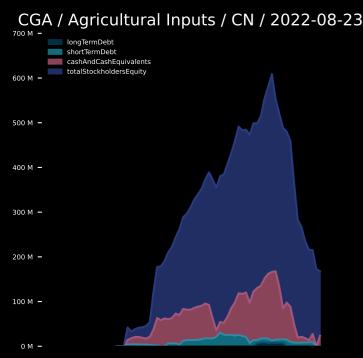
400 M -

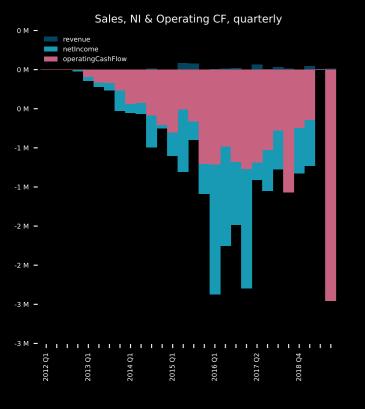
300 M -

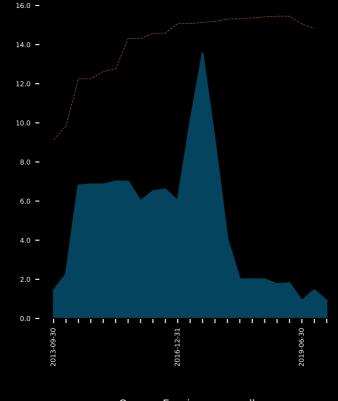
100 M -

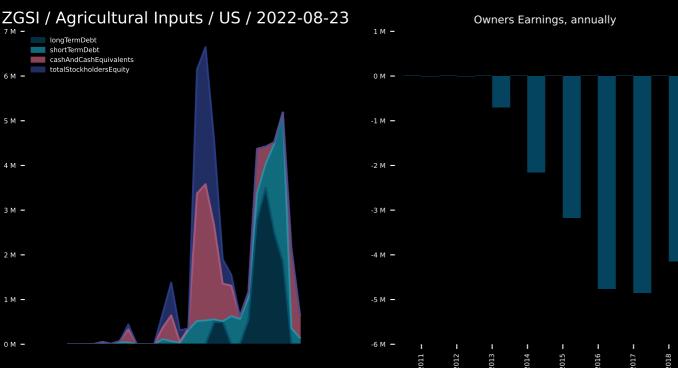
-100 M **-**

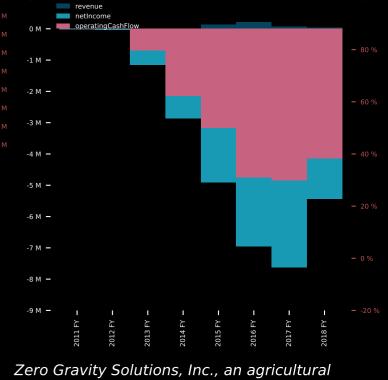
netincome







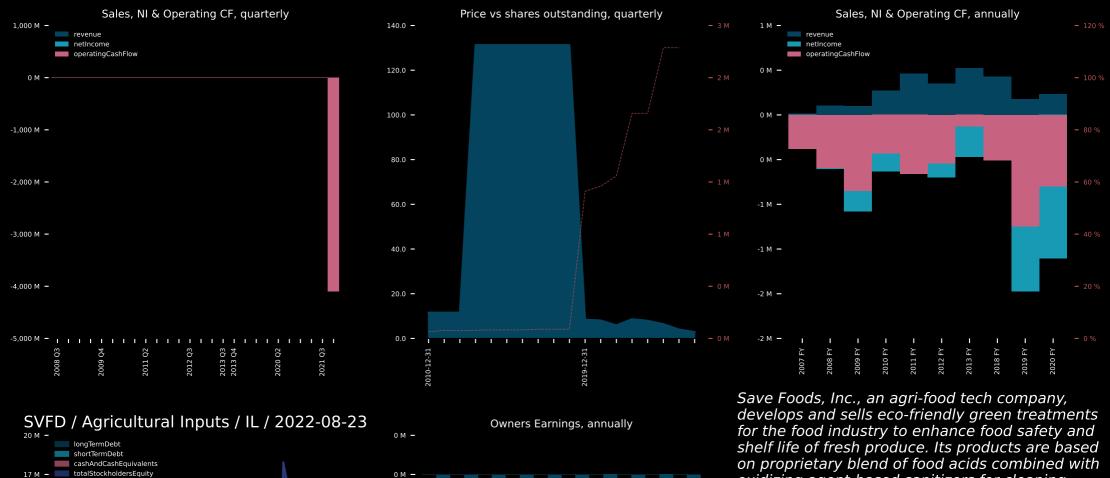




Sales, NI & Operating CF, annually

1 M -

biotechnology company, focuses on the commercialization of technology derived from and designed for long term spaceflight and planetary colonization with applications to agriculture on earth. The company offers BAM-FX, an ionic nutrient delivery platform for food crops that deliver minerals and micronutrients systemically at the cellular level of a plant; and Directed Selection, which relates to the production and alteration of various novel stem cells with characteristics in the prolonged zero/micro gravity environment of the International Space Station. It patents its stem cells for commercial sale to third parties. The company was formerly known as ElectroHealing Technologies, Inc. and changed its name to Zero Gravity Solutions, Inc. in January 2013. Zero Gravity Solutions, Inc. was founded in 1983 and is headquartered in Boca Raton, Florida.



0 M -

ОМ —

0 M -

-1 M -

-1 M -

15 M -

12 M -

10 M -

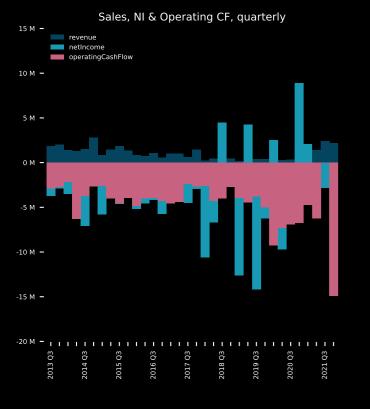
7 M -

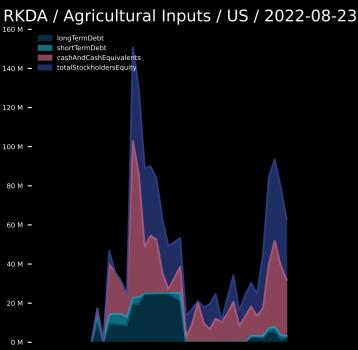
5 M -

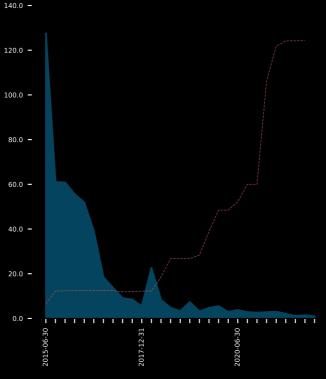
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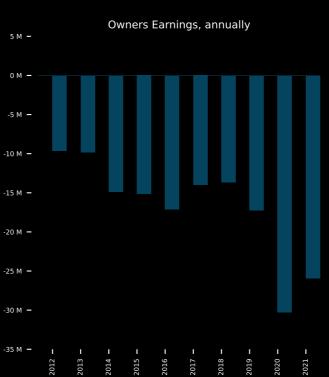
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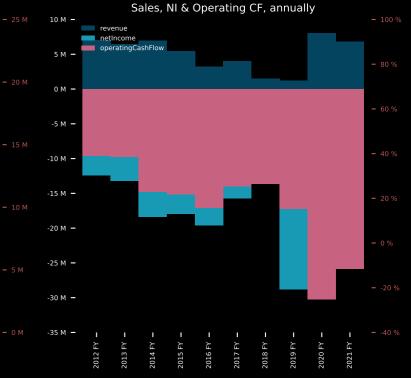




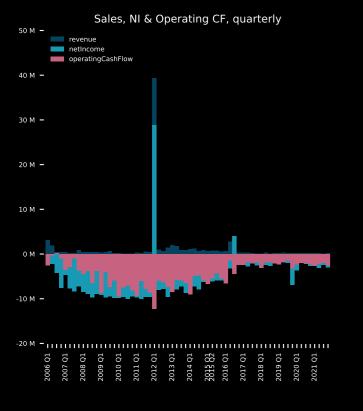




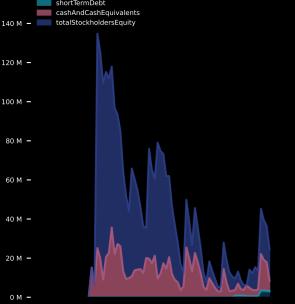


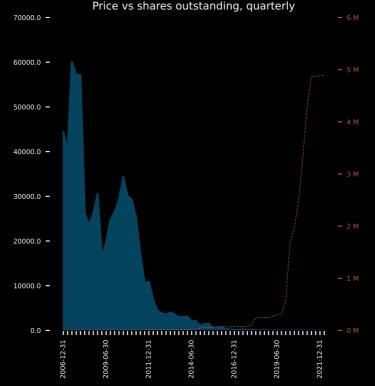


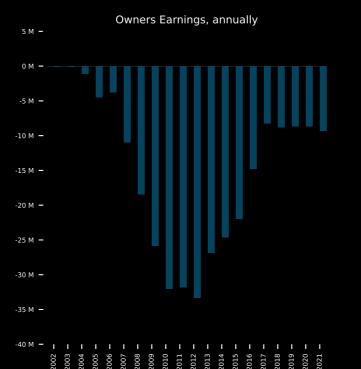
Arcadia Biosciences, Inc. produces and markets plant-based health and wellness products in the United States. It engages in developing crop improvements primarily in wheat to enhance farm economics by improving the performance of crops in the field, as well as their value as food ingredients, health and wellness products, and their viability for industrial applications. The company was incorporated in 2002 and is headquartered in Davis, California.

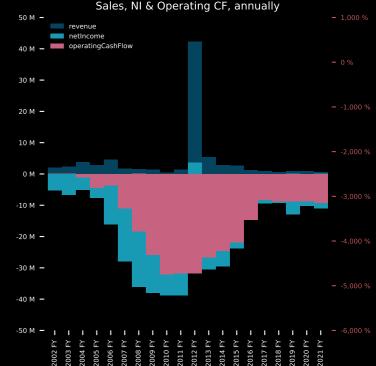




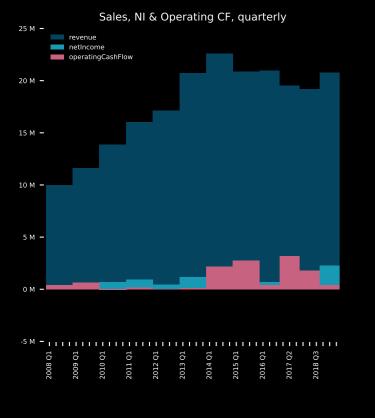


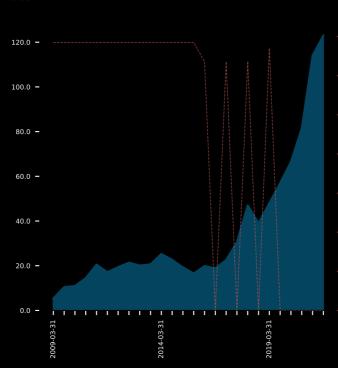




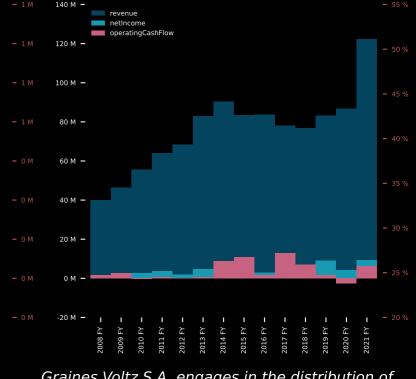


Yield10 Bioscience, Inc., an agricultural bioscience company, engages in developing technologies to enable step-change increases in crop yield in the United States and Canada. The company, through its Trait Factory, a trait gene discovery platform develops enhanced oilseed Camelina sativa for the production of proprietary seed products; and discovers high value genetic traits for the agriculture and food industries. Yield10 Bioscience, Inc. has license agreements with GDM Seeds; J. R. Simplot; Forage Genetics International, LLC; and Bayer AG. The company was formerly known as Metabolix, Inc. and changed its name to Yield10 Bioscience, Inc. in January 2017. Yield10 Bioscience, Inc. was incorporate in 1992 and is headquartered in Woburn, Massachusetts.

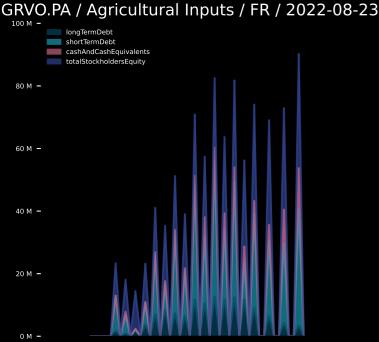


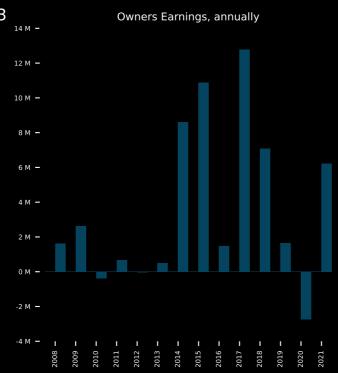


140.0 -

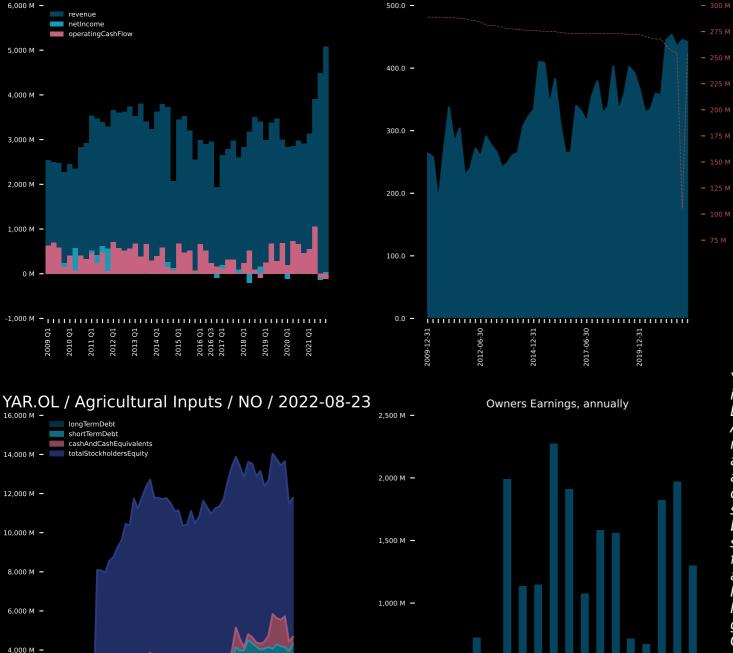


Sales, NI & Operating CF, annually





Graines Voltz S.A. engages in the distribution of seeds, vegetable plants, and flower bulbs to professionals, horticulturists, market gardeners, and communities in France, rest of Europe, the Middle East, Africa, and internationally. It also produces seeds and young horticultural plants. The company was founded in 1985 and is headquartered in Colmar, France.

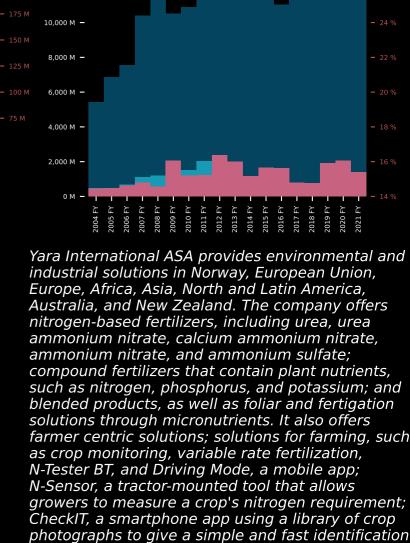


Price vs shares outstanding, quarterly

Sales, NI & Operating CF, quarterly

2,000 M -

0 M -



of nutrient deficiencies; TankmixIT, an app used to check for the physical compatibility when tank

mixing; and Tankmix.com, an online service providing advice on the physical mixing

characteristics of Yara's foliar products with agrochemicals. The company sells its products

Sales, NI & Operating CF, annually

18.000 M -

16,000 M -

14,000 M -

12,000 M -

netIncome