







About Us

Eden is the only UK quoted (AIM: EDEN) company focused on biopesticides for sustainable agriculture

- Intellectual property and expertise in plant-derived sustainable chemistry and delivery technologies
- Proven products
- Multiple regulatory clearances
- Strategic partnerships
- Two products commercially available

Fundraise of £10.4m (gross) in March 2020 to:

- · Register and commercialise insecticide products
- Develop use of our microencapsulation technology, known as 'Sustaine®', with conventional agrochemicals
- Expand product portfolio
- Pursue opportunities with Corteva and other collaborations

Our Partners

















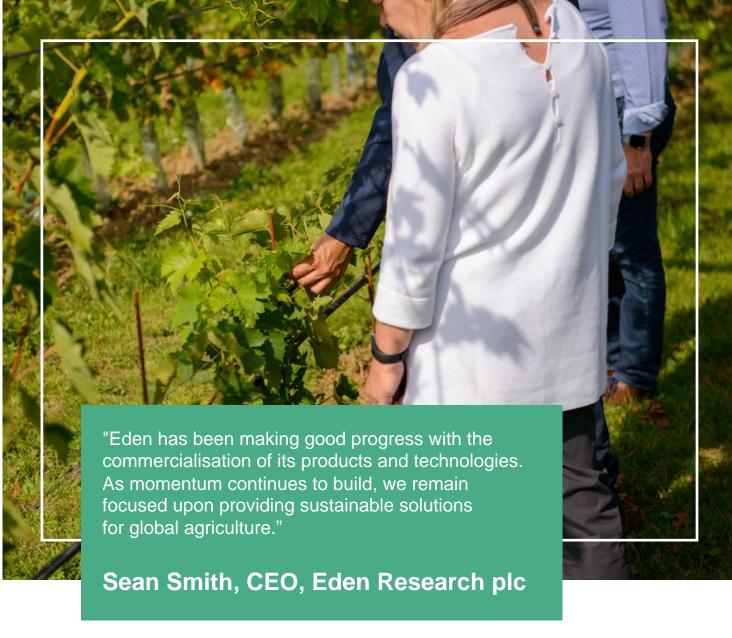
What is Sustainable Agriculture?

- Farming practices which maintain yields while minimising impacts on the environment
- A reflection of society's increasing concern about the world's approach to food production and healthy eating
- Embracing farming practices that mimic natural ecological processes
- A win-win for farmers and the environment



By 2050, global food systems will be responsible for feeding more than nine billion people



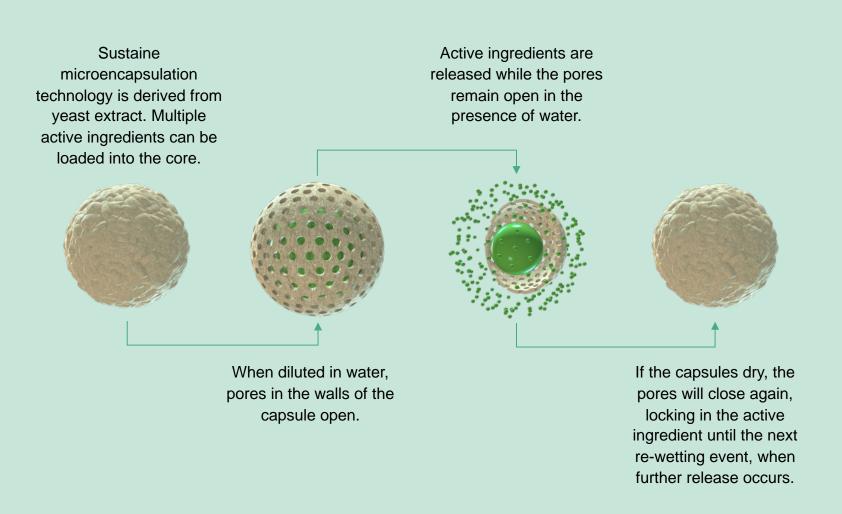




Microencapsulation Technology

Sustaine® is a novel microencapsulation solution patented by Eden, suitable for applications in a wide range of agricultural, animal health and consumer products

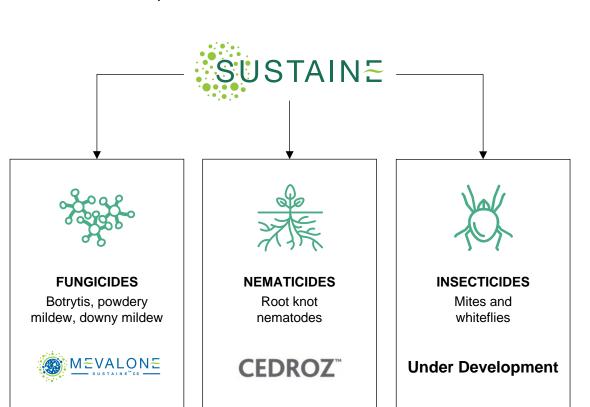
- Cost effective, useful for a wide range of active ingredients, plastic-free, high capacity, robust, sustainable
- Sustaine encapsulates active ingredients and provides for the sustained release of these ingredients enabling their safe, more efficient use
- Particles are derived from natural yeast cells originally developed for human health applications

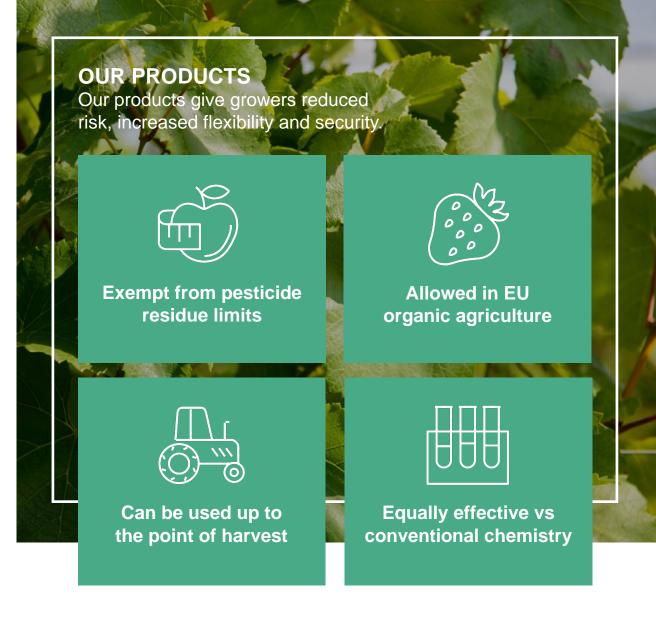




Our Product Focus

Our focus is on developing products based on sustainable chemistries to protect high-value crops from pests and disease, with equal or better performance when compared with conventional pesticides







Product Characteristics









Industry Applications

We work globally through multi-national and local partnerships to develop and launch solutions for challenges facing three key industries.





CROP PROTECTION

Foliar disease & insect control
Open field & greenhouses
Soil pests
Post harvest shelf-life extension
Seed treatments

\$58 billion



ANIMAL HEALTH

Shampoos/Conditioners
Skin disease control
Otic flush
Flea & tick control

\$33 billion



CONSUMER PRODUCTS

Head-lice treatment
Deodorants
Odour neutralisers
Fragrances

\$50+ billion

Estimated addressable market size







Sustainably Extending the Shelf Life of French Apples

Top 3 EU Apple Producers 17.6% 22.9% 17.0% Italy **France Poland French Exports** \$433.6 Of apples each year Million are exported by France **Export Regions Brittany PACA Region Normandy Current Global Food Waste** £19 1.3bn 3,000 billion tonnes tonnes **Food wasted Food wasted** A year of edible around the every minute food wasted in world globally the UK





Science Spotlight

- Mevalone® is Eden's innovation a foliar, contact biofungicide which is used as a preventative and curative solution for Botrytis cinerea and storage diseases on apples.
- Mevalone provides efficacy against important crop diseases with active ingredients that are exempt from residue limits which can be applied just before harvest.
- Its benefits in this application are to extend the shelf-life of apples, reduce food waste and cost in the supply chain.

"This emergency use is another important opportunity to promote Mevalone to growers and to better serve a modern and evolving agriculture responding fully to the needs of society."

Antoine Meyer,
President of Sumi Agro



High Value Food Crops in Open Field and Greenhouse Environments

- The majority of crops in Europe are grown in open field, however, there is an increasing level of investment in greenhouse and glasshouse farming, especially for salad vegetables.
- The use of greenhouses will help to reduce emissions from the agriculture sector which is considered a "hard to treat" area of the carbon-cutting agenda. In addition, the use of greenhouses cuts down on agricultural sector's land use.
- Being able to control conditions indoors has proven to more than double yields in some cases, reducing the consumption of resources required to grow crops.



CEDROZ[™]

post-planting nematicide

Science Spotlight

- Cedroz is a water-based formulation which utilizes Eden's terpene technology to naturally fight nematodes, a pest known to cause severe damage to crops globally in both open fields and greenhouses.
- In line with consumer and regulatory drivers for safer products, Cedroz is an attractive alternative for farmers looking to fight nematodes in an environmentally friendly way.
- Cedroz can be used on a wide range of crops including tomatoes, strawberries, cucumbers, courgettes, peppers, aubergines and melons.

"In Cedroz, we have developed a biopesticide that meets the demands of modern-day farming, whether that is in an open field or greenhouse environment."

Sean Smith, CEO of Eden



The Global Economic Impact of Botrytis



Botrytis cinerea is one of the most extensively studied fungal pathogens and causes "gray mold" rot in more than 500 plant species

\$10-100 Billion

The annual economic losses due to *B. cinerea*

28%

Estimated post-harvest apple losses caused by *B. cinerea*

50%

Potential *B. cinerea* yield losses in grape vines





Sustainable Control

- Mevalone® is used as a preventative and curative solution for *Botrytis cinerea*.
- Terpene active ingredients, derived from nature, mean the product has a favourable environmental profile.
- The multi-site mode of action means risk of resistance is minimised.
- Free from residue limits and with short pre-harvest intervals – providing growers with maximum flexibility.

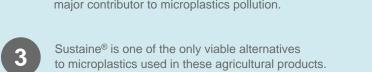
8%

The cost of control of Botrytis and related species accounts for about 8 per cent of the fungicide market worldwide.



Eliminating Microplastics in Soil

- There is increasing consumer and regulatory pressure to cut out the use of plastic in supply chains. Food production has faced significant scrutiny due to its widespread use of plastics, from farming to packaging.
- In farming, microplastics are used for encapsulation or seed coatings to boost the performance of agricultural inputs, including crop protection products. The direct application of these products to the environment causes agriculture to be a major contributor to microplastics pollution.







Sustainable Control

- Sustaine microcapsules are naturallyderived, biodegradable micro-spheres produced from yeast extract.
- The technology produces stabilised aqueous emulsions which are easy to mix and apply and have phased release patterns.
- Sustaine is used to encapsulate active ingredients in Cedroz[™] and Mevalone® and is effective with other natural and synthetic compounds.
- Eden is engaged in a number of projects around the world to test the compatibility of Sustaine with third party active ingredients.

Changing regulation

Pressure is building to cut out the use of microplastics in agriculture. A landmark proposal from the European Chemicals Agency (ECHA) will restrict the use of microplastics in agricultural products as part of a wider ban on the intentional use of plastics.







Our Strategy







BUSINESS LINE DIVERSIFICATION • Pursuit of opportunities in the seed treatments market Development of insecticides Ongoing work with Elanco Animal Health to launch four new products Expand crops and diseases treated Geographic diversification (seasonal and climate variation) **COMMERCIAL GROWTH** · Regulatory clearance in new countries, crops and diseases Accelerate Sustaine® business development Partnerships for Mevalone® in new territories • Pursue collaboration with majors

RESEARCH, DEVELOPMENT AND OPERATIONS

- Supply chain optimisation
- Expansion of in-house screening and field trials capabilityAccelerate commercialization
- Accelerate commercialization of Sustaine® for conventional actives

STRENGTHENING AND GROWING THE TEAM

- Commercial roles
- Product management roles
- Technical roles



Our Investment Case

Commercialisation **Technology** Focus on **Regulatory drivers for** exploitation biological solutions sustainable solutions Eden is now resourced to enable commercialisation of Exploitation of Eden's Eden is the only UK quoted Regulatory changes are new products and core technologies beyond company with a focus on creating significant growth accelerate growth biopesticides and crop protection opportunities for Eden's biopesticides for the crop protection market products and technology Increase number of **Growing patent portfolio** Revenue growth **Corteva agreement** commercial partners Opportunity for up to €40 million 110 patents enable strong Ability for Eden to generate of revenue in a limited number technological defensibility. Two significant additional revenue Expansion of existing of geographies, with significant new patents in the US granted in the medium term commercial relationships and upside potential during H1 and one in Australia the establishment of new post-period end partnerships



Significant Market Potential

A growing global market for sustainable products

\$10 billion

The global biopesticides market is projected to be worth more than \$10 billion by 2025

15% per annum

The biopesticides market is growing at a CAGR of approximately 15% per annum

\$300 million

Increasing time and cost of bringing new agrochemical products to market: 10 to 12 years and around \$300 million

Crop protection products formulated with Sustaine® and Eden's active ingredients can help address many of these issues:



Consumer concerns over food safety



Increasingly challenging regulatory requirements



Farmers seeking effective alternatives



Leadership Team



Sean Smith Chief Executive Officer

Over 25 years of experience in the speciality chemicals and industrial biotechnology industries



Lykele Van der Broek Non-Executive Chairman

Formerly Board member of Bayer Crop Science and President of Bayer Animal Health, both divisions of Bayer AG



Alex Abrey
Chief Financial Officer

Experienced Financial Director to a diverse range of businesses including financial and management consultancy



Rob Cridland Non-Executive Director

Until recently, Rob served as Chief Financial Officer of Itaconix plc, having joined from Renovo Group plc where he was Executive Director of Finance and Business Development

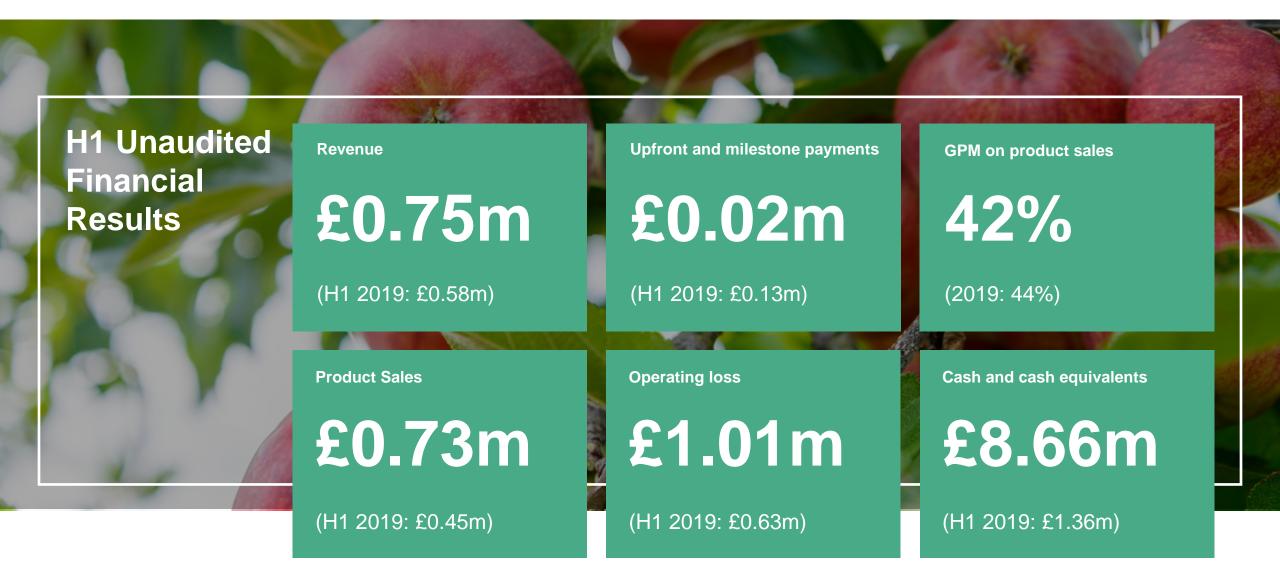






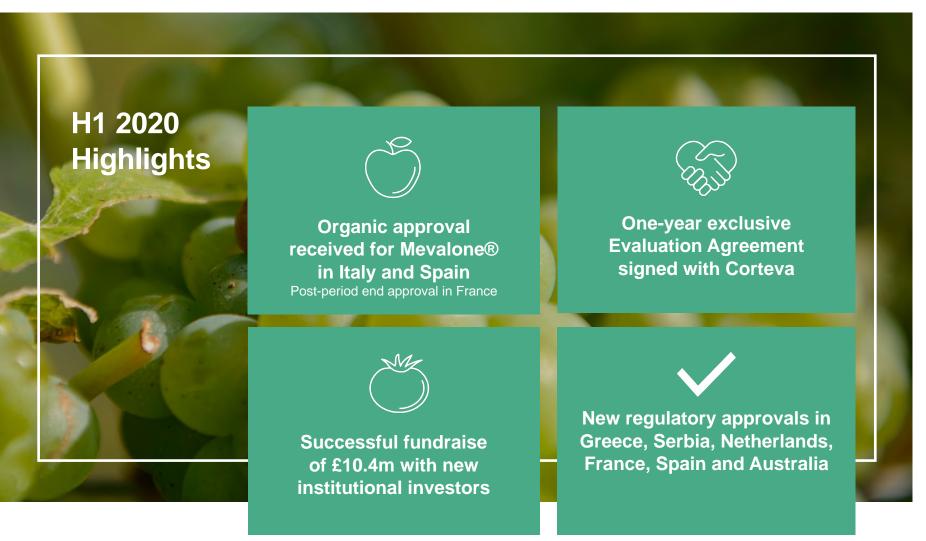


Financial Highlights





Business and Operational Highlights













Use of Proceeds from March 2020 Fundraise

Use	£	Detail	Update
Register and commercialise insecticide and seed treatment products	Up to £6.0m	Multiple formulation optionsGlobal trials and registrationsWide range of target pests	 Seed treatment collaboration with Corteva progressing as planned; updates to follow Some C-19 related impact on insecticide trials Insecticide trial results are encouraging
Develop use of Sustaine® with traditional agrochemicals	Up to £2.0m	Lab screeningPot and field trialsFormulation development	 Multiple new third party evaluations ongoing Evaluation partners include several of the leading agrochemical producers Sustaine has been demonstrated to clearly improve formulation efficacy in early trials
Expand product portfolio	Up to £2.0m	Lab screeningPot and field trialsFormulation development	 Actively pursuing new home and garden applications with a new collaborator New collaborations focused upon new disease targets pending



Commercial Footprint



Commercial Approval









Our presence in Europe has continued to grow in H1 through new authorisations for both Cedroz[™] and Mevalone[®], and we anticipate further approvals in Europe and further abroad post-period end.



Total of seven approvals in H1 and post-period end.



Our US EPA approval for the sale of Mevalone® and CedrozTM is anticipated within the next year.



We have commercial partners in place across six continents to support future expansion.





Corteva Agreement

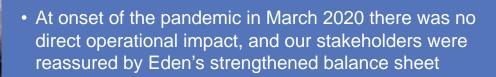
- Eden signed a one-year exclusive evaluation agreement with Corteva Agriscience
- Corteva is evaluating Eden's
 Sustaine® encapsulation technology and several formulations in specific biological seed treatment applications in certain major territories (EU, Russia, Ukraine and Turkey)
- Corteva has until the end of 2020 for the exclusive evaluation of products which were developed using Sustaine[®] in select seed treatment applications
- Results to date are in-line with expectations
- Updates to follow before Q2 2021







Covid 19 General Update



- Mild levels of disruption experienced including import and export activities, limitations on field trial capacity due to reduced CRO workforces, and limited promotional activity
- Some regulatory authorities working at reduced capacity and we have experienced delayed product approvals (e.g. apple storage disease in France)
- Despite the full impact remaining unknown, we have continued to make progress with new authorisations from late May onwards
- We have also been able to execute on some key plans such as opening our new facilities in Oxfordshire and making key hires





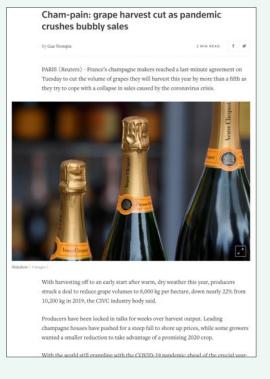


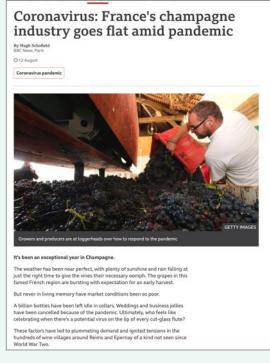


Covid 19 Wine Production Update

- The countries that rank highest for total wine consumption (the United States, UK, Spain, Italy, France, etc.) experienced the most severe impacts
- Closing of restaurants and bars impacted demand
- Wine tourism vineyard tours, dining in the winery and cellar door sales were halted
- 4 Large volumes of grapes available for harvest but demand is substantially weakened
- Growers will refrain from spending money on crop protection, with many finding low value alternatives to wine production such as hand sanitizer







New Facilities

- New office and laboratory at Milton Park in Oxfordshire
- Growing R&D team including key hires
- Increased in-house capabilities such as formulation, microbiological screening, plant and seed evaluations and analytical work
- Features high-tech equipment to undertake product testing

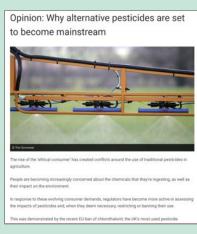








Eden in the Media





















H1 Summary

- Fund raise of £10.4m (gross) completed in March 2020
- Exclusive, one year evaluation agreement with Corteva Agriscience covering seed treatments signed and progressing as anticipated
- New laboratories established in Oxfordshire: in house capabilities replacing contracted services
- Organic certifications received in key European countries
- New authorisations received in multiple countries including Australia and Spain; realised too late to impact 2020
- Impact of Covid-19 on regulatory approvals, promotional activities, field trials, import and export activities and agricultural production
- Likely impact on full year product sales arising from dramatic drops in the demand for wine, translating into decreased demand for lateseason agricultural inputs



Outlook



Strengthened balance sheet following capital raise



Moving forward with our new products, including insecticide products, seed treatments and optimised fungicides



Additional regulatory approvals expected in H2 2020 and 2021 with commercial impact in 2021 and beyond



In-house work including formulation, microbiological screening, plant and seed evaluations and analytical work now on-line and producing results and shortened development cycles



