

Seaweed-Based Bio-Fertiliser R&D And Commercialisation Update

Highlights

- **Ocean Sciences Limited (ASX: OSS) is progressing its R&D program with Temasek Polytechnic to validate and optimise extraction protocols for the Company's seaweed-based bio-fertiliser formulations.**
- **The current work is focused on establishing extraction conditions capable of producing a consistent and reproducible bio-fertiliser input while improving process efficiency and cost economics.**
- **Following the current laboratory program, the Company intends to test selected formulations under conditions designed to approximate commercial-scale agricultural operations.**
- **Concurrently, Ocean Sciences continues to identify potential buyers and commercial partners, with opportunities ranging from the co-development of tailored formulations to potential wholesale product supply.**
- **The Australia-Indonesia Centre ("AIC") is facilitating introductions to potential research collaborators, business partners and commercial opportunities.**

Ocean Sciences Ltd (**ASX: OSS**) (**OSS, Ocean Sciences** or **Company**) a leading commercial seaweed supply, research and development company, is pleased to provide an update on its seaweed-based bio-fertiliser research and development program being undertaken with Temasek Polytechnic in Singapore through TP Innovation Holdings Pte Ltd.

The program is evaluating bio-fertiliser formulations derived from selected red, green and brown seaweeds. Following earlier formulation development, extraction trials and analysis of the seaweeds' bioactive compounds and nutrient profiles, the current work is focused on validating and optimising the extraction process.

The principal parameters being evaluated include:

- extraction conditions and yield;
- processing time and resource requirements;
- product consistency and reproducibility; and
- overall process efficiency and cost economics.

The Company anticipates receiving the results of the current laboratory testing and Temasek Polytechnic's report within the next two weeks.

Next-Stage Efficacy Testing

The next stage of the program will involve testing selected formulations under conditions designed to approximate commercial-scale agricultural operations. This testing will seek to assess the effect of the selected formulations on crop performance and generate data to support further product development and potential commercial engagement.

Commercialisation Pathways

Concurrent with the current and proposed testing programs, Ocean Sciences is working both independently and with third parties, including the [Australia-Indonesia Centre](#), to identify potential buyers, business partners and commercial opportunities for its seaweed-based bio-fertiliser products. Potential commercialisation pathways include working with agricultural companies to co-develop formulations tailored to particular crops, growing conditions or operational requirements and the potential wholesale supply of validated bio-fertiliser products to agricultural companies and distributors.

The Company has not entered into any binding commercial, supply or offtake arrangements for its bio-fertiliser products. Further development and commercialisation will depend on the results of the current and subsequent testing programs, the identification of suitable commercial partners and satisfaction of any applicable regulatory requirements.

The Company will update the market if the collaboration results in a material binding agreement or other material development.

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