

ASX Release

20 February 2024

Australian patent approval granted for innovative Jelli Grow™ technology

Highlights:

- Approval granted by IP Australia for application titled 'Plant Growth Media and Method for Making Same'
- Patent covers the Company's original wet-gel Jelli Grow™ seed raising formulation in the local market
- Grant follows maiden patent approval in Europe, as well as successful applications in China and Japan additional patent applications to broaden IP suite underway
- Builds on Nanollose's enviable IP portfolio and provides a catalyst for additional discussions with potential customers and collaborators

Leading biomaterials company Nanollose Limited (ASX: NC6) ("Nanollose" or the "Company") is pleased to advise that it has been granted an Australian patent titled 'Plant Growth Media and Method for Making Same' (Patent Number: 2018251619) (the "patent"), which relates to the Company's innovative Jelli Grow™ technology.

The grant considerably strengthens Nanollose's intellectual property suite and follows successful applications in Europe, China and Japan (refer ASX announcement: 4 October 2023). The Company is continuing to pursue applications in additional jurisdictions and will provide updates as grants materialise.

The patent covers the Company's original wet-gel formulation of its Jelli Grow seed raising solution. While the Company continues to focus on its dry powder Biollose™ formulations for Jelli Grow and MicroGel™ (refer ASX Announcement: 7 September 2023), the Australian patent provides another critical layer of protection from competitors in the Australian market.

The Company also anticipates that the patent will further advance discussions with potential customers, including existing partner Greenspace ESG Pty Ltd ("Greenspace") (refer ASX announcement: 11 September 2023).

Nanollose's Executive Chairman, Dr Wayne Best said: "We are very pleased to have secured this patent grant in the Company's local market. Not only does it provide further recognition of our technology, it strengthens Nanollose's IP suite and provides protection in a growing market.

"This patent further highlights the Company's execution of its stated strategy of R&D and commercialisation. Discussions with potential customers for Biollose products, including MicroGel and Jelli Grow are progressing well and we look forward to providing further updates on these in the coming months."



[ENDS]

AUTHORITY AND CONTACT DETAILS

This announcement has been authorised by the Board of Directors of Nanollose.

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ABOUT NANOLLOSE

Nanollose Limited (ASX: NC6) is a leading biomaterials company commercialising scalable technology to create fibres, fabrics and other novel materials with minimal environmental impact. Nanollose's eco-friendly fermentation process can use agricultural waste and by-products to produce cellulose, a versatile raw material traditionally produced from trees via the wood pulping process. The company then uses this 'Tree-Free' cellulose as an input for its range of innovative biomaterials including its Nullarbor™ fibres, MicroGel™ horticultural medium, and its emerging animal-free and plastic-free leather-like materials.

Nanollose filed a joint patent application with strategic partner, Birla Cellulose, for its high tenacity, Tree-Free Nullarbor lyocell fibre in 2021. Work has now moved out of the laboratory and into Birla Cellulose's pilot production facilities in India where we have completed three successful pilot production runs to date totalling over a tonne of fibre, 800kg of Nullarbor-20™ and 150kg of Nullarbor-30™, and 100kg of Nufolium-20™. Quantities of these fibres have since been sent to several collaborators and been converted into yarns, fabrics, and garments for testing and evaluation, prior to potential uptake by partners.