

GRDC CONFIRMS SUPPORT FOR DEVELOPMENT, REGISTRATION AND COMMERCIALISATION OF FLAVOCIDE™ IN GRAIN STORAGE

- **Grains Research & Development Corporation (GRDC) is supportive of the continued development and registration of Flavocide™ for use in grain storage**
- **This follows a collaborative project that ended in 2022 between GRDC, Bio-Gene, BASF and QDAF, which confirmed the efficacy of Flavocide when used to control grain storage pests**
- **GRDC encourages Bio-Gene to identify and engage with potential partners for the commercialisation of Flavocide as a stored grain protectant**

Bio-Gene Technology Limited (ASX: BGT, **Bio-Gene** or the **Company**), an agtech development company enabling the next generation of novel insecticides, announces that the Grains Research and Development Corporation (GRDC), following a joint review of the project with Bio-Gene, has expressed its support for Bio-Gene to achieve registration and commercialisation of Flavocide as a stored grain protectant in Australia.

GRDC has signed a Letter of Support reaffirming its support for Bio-Gene to develop Flavocide in grain storage.

The letter notes GRDC, "... is pleased to reaffirm its support for Bio-Gene Technology in their continued development of the insecticide Flavocide for use in stored grain. It offers a unique alternative mode of action to the current commercially available products and, with that, the potential to deal with increasing insecticide resistance in stored grain pests. ... We believe that the development of Flavocide aligns well with our mission to create enduring profitability for Australian grain growers. ... and would consider providing future collaborative assistance to Bio-Gene, in accordance with our purpose, as progression is made towards an Australian registration of Flavocide."

GRDC previously provided financial support as part of a collaborative research project between GRDC, Bio-Gene, BASF and QDAF that concluded in mid-2022. The project tested the efficacy of Flavocide when used as a protectant insecticide to control grain storage pests. The project concluded that Flavocide combination treatments can effectively control five key stored grain pests (lesser grain borer, flour beetle, saw-toothed grain beetle, flat grain beetle and rice weevil) for up to 13 months. These and other results form the basis for Flavocide product label recommendations for control of the major pest species impacting grain storage.

GRDC confirmed it was, "... pleased with the results achieved to date, in both laboratory studies and field trials, including:

- Combination treatments with Flavocide have been shown to control the full spectrum of key pests evaluated, including strains with a history of multiple resistance to currently used insecticides
- Results indicate potential compatibility of Flavocide being used in combination with other compounds in resistance management strategies currently employed by the international grain protection industry where insects can cause up to 50% losses in untreated stored grain
- Trial results confirm that Flavocide successfully controlled a key grain storage pest over a thirteen-month period (9-month residual control is considered an industry standard)."

Since the efficacy testing program was completed last year, Bio-Gene's focus to develop Flavocide for use in grain storage has shifted to meeting regulatory requirements for this use pattern in Australia and overseas markets, including the data required to support maximum residue levels (MRLs) in the various grain commodities.

Bio-Gene Executive Director R&D, Peter May said: “GRDC’s expertise and knowledge of industry practices and requirements will be a tremendous help to Bio-Gene in developing Flavocide for use in this important market. GRDC has well established relationships with grain exporters, the agrichemical industry, and the Australian regulatory authorities. GRDC is well placed to assist in future development plans to generate the required data for an APVMA submission including the establishment of maximum residues levels (MRLs) for grain export markets.”

Bio-Gene CEO, Richard Jagger, said: “We are excited by GRDC’s continued support for the development and commercialisation of Flavocide. We will leverage GRDC’s expertise and industry know-how to deliver our products to commercially relevant organisations and developing new partnerships.”

Bio-Gene will continue to discuss with GRDC and other potential commercial partners collaboration in studies, development programs and registration to commercialise Flavocide as a stored grain protectant.”

Approved for release by the Board of Directors.

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About Bio-Gene Technology Ltd

Bio-Gene is an Australian agtech company enabling the next generation of novel insecticides. Bio-Gene’s novel platform technology is based on a naturally occurring class of chemicals known as beta-triketones. Beta-triketone compounds have demonstrated insecticidal activity (e.g., kill or knock down insects) via a novel mode of action in testing performed to date. This platform may provide multiple potential new solutions for insecticide manufacturers in applications across crop protection and storage, public health, animal health and consumer applications. The Company’s aim is to develop and commercialise a broad portfolio of targeted insect control and management solutions.

About the Grains Research & Development Corporation (GRDC)

The GRDC plays a vital role supporting the grains industry by investing in research development and extension (RD&E) to create enduring profitability for Australian grain growers. The GRDC is a statutory authority of the Australian Government and invests around \$194 million annually in world leading research, development, and extension projects to directly address constraints and capture opportunities in grain production systems and value chains.

Flavocide™ and Qcide™ are trademarks of Bio-Gene Technology Limited.