

## BIO-GENE EXTENDS RESEARCH COLLABORATION WITH QUEENSLAND DEPARTMENT OF AGRICULTURE & FISHERIES (“QDAF”)

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- **Focus on more detailed evaluation of Flavocide™ activity against grain storage pests**
- **Promising results in pilot studies against resistant strains**
- **QDAF is a world leader in evaluating agents to control grain storage pests**

Bio-Gene Technology Limited (ASX: BGT, “Bio-Gene” or “the Company”), an agtech development company enabling the next generation of novel insecticides to address insecticide resistance, has entered an extended research collaboration agreement with QDAF to assess the effectiveness of Flavocide™ against a range of grain storage pests, including various insecticide resistant strains in both laboratory and field evaluations.

QDAF and Bio-Gene have previously undertaken a pilot study where Flavocide™ was shown to have extremely promising activity against major grain storage pest *Rhyzopertha dominica*, better known as lesser grain borer, including against insecticide resistant strains.

Under the agreement QDAF will further evaluate Flavocide™’s activity against an expanded range of susceptible and resistant strains of grain storage pests under laboratory and field storage conditions, with initial results expected in Q2 2018.

Bio-Gene’s CEO-elect Mr. Richard Jagger said: “Grain storage pests have been reported to cause losses of up to 30% of stored grain in various countries around the world, causing significant economic loss. The major increase in insecticide resistance over the past 15 years has hampered approaches to adequately address this growing problem. The successful collaboration between Bio-Gene and QDAF was initiated in 2016 and has offered Bio-Gene the opportunity to access world class expertise and facilities in support of the Flavocide™ testing program in this segment. Early results obtained with Flavocide™ by QDAF are extremely promising and we are excited by the possibilities of confirming its broader activity in these expanded studies.”

### **For further information, please contact:**

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### **About Bio-Gene Technology Ltd**

Bio-Gene is an Australian AgTech development company enabling the next generation of novel insecticides to address the global problems of insecticide resistance and toxicity. Its 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 animal health and crop protection, as well as in public health, and in consumer applications.

The Company's aim is to develop and commercialise a broad portfolio of targeted insect control and management solutions.

**About QDAF**

QDAF provides leadership to promote a sustainable and innovative agriculture, fisheries and forestry sector that adds value to the economy and community. It is focused on risk and opportunity to enable sustainable food and fibre production by effectively managing community resources, applying science to improve production and products while combating animal and plant pests and diseases.