

POSITIVE RESULTS FOR FLAVOCIDE™ IN INITIAL FIELD TESTING

- **Range of field testing undertaken by leading agricultural research organisation, Eurofins, shows Flavocide efficacious in controlling a number of key crop pests:**
 - Silverleaf whitefly & Cotton aphid in **cotton**
 - Redbanded shield bug & Brown mirid in **soybeans**
 - Two-spotted mite & Green peach aphid in **watermelon**
- **Results expand on laboratory based findings and add to the significant number of pests where Flavocide has been shown to be effective.**
- **This data further supports ongoing discussions with potential commercial collaborators**

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, is pleased to announce positive efficacy results for Flavocide in first field testing versus Silverleaf whitefly & Cotton aphid in cotton, Redbanded shield bug & Brown mirid in soybeans, and Two-spotted mite & Green peach aphid in watermelon.

Over A\$31 billion is spent on insecticides globally each year*. Sucking pests are a major focus for this expenditure. Silverleaf whitefly impacts cotton and vegetable pests around the globe. Cotton aphid is found in every major cotton growing region and causes damage via feeding and plant virus transfer. Redbanded shield bugs are a major threat to soybean and corn crops, while Brown Myrid can impact a number of high value crops. Two-spotted mites are significant pests of vegetable and other high value crops, and Green peach aphid is a major sucking pest that is also a vector for plant viruses. Together these pests represent some of the world’s major crop pest groups.

Richard Jagger, Bio-Gene CEO, commented: “These field testing results with Flavocide are encouraging and demonstrate the compound’s effectiveness against a range of pests which pose a significant risk with regard to crop damage. Data from this testing builds on the existing body of results, which we have generated over the last nine months in our important crop protection vertical, which shows Flavocide activity across a very large number of pests. It significantly aids in our discussions with potential commercial collaborators to undertake further collaborative testing across different pest and crop types.”

The testing consisted of replicated small plot field trials and was conducted by the leading agricultural research company, Eurofins Agrosience Australia, across a number of locations and pests, as outlined below:

Pest	Crop	Location
Silverleaf whitefly (<i>Bemisia tabaci</i>)	Cotton	Balonne, Qld
Cotton aphid (<i>Aphis gossypii</i>)	Cotton	Burren Junction, Lower Namoi Region, NSW
Redbanded shield bug (<i>Piezodorus hybneri</i>)	Soybean	Laidley, Lockyer Valley Region, Qld
Brown mirid (<i>Creontiades pacificus</i>)	Soybean	Laidley, Lockyer Valley Region, Qld
Two-spotted mite (<i>Tetranychus urticae</i>)	Watermelon	Canowindrain, Central Tablelands, NSW
Brown mirid (<i>Creontiades pacificus</i>),	Watermelon	Canowindrain, Central Tablelands, NSW

These results add further to an expanding portfolio of positive data, evidencing the effectiveness of Flavocide in controlling major pests within Crop Protection. They support discussions with potential commercial collaborators with regard to the range of opportunities for Bio-Gene's technology in a range of crops across a significant number of pest groups.

*Kyntetec Market Research, 2016

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About Bio-Gene Technology Limited

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 Eurofins Agrosience Australia Pty Ltd

Eurofins are a leading provider of product development, regulatory consulting and technical support to the crop protection industry and seed businesses.