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Marrone Bio Innovations Announces Availability of Next Generation Grandevo® WDG Bioinsecticide in California

DAVIS, Calif., Jan. 10, 2018 (GLOBE NEWSWIRE) -- [Marrone Bio Innovations, Inc.](#) (NASDAQ:MBII) (MBI), a leading provider of bio-based pest management and plant health products for agriculture, turf and ornamental and water treatment markets, has received approval from the California Department of Pesticide Regulation for a new formulation of one of its key biological insecticides, Grandevo WDG. Grandevo WDG is a water dispersible granule that offers improved handling and mixing properties, as well as more convenient packaging.

Being a broad spectrum bioinsecticide, Grandevo WDG curbs a variety of hard to control insects on a wide range of crops, including navel orange worm (NOW) in almonds, Asian citrus psyllid in citrus, Lygus bug in strawberries, thrips in vegetables, berries and leafy greens and spotted wing Drosophila in berries, whiteflies in cucurbits, and mealybug in grapes.

"We are constantly working to enhance the customer experience with our products," said Pam Marrone, Ph.D., CEO and founder of MBI. "Not only are we bringing novel, innovative active ingredients to the market, we also continuously invest in the development of next generation improvements of our commercial products. We expect this new formulation of Grandevo WDG to create new uses, address additional market segments for both pests and crops, and provide an easier, more effective and efficient experience for our customers."

Grandevo WDG insecticide/miticide is derived from non-living bacteria that effectively controls a wide variety of chewing and sucking insects and mites from the unique action of multiple compounds through repellency, ingestion and reduction of pest fertility. In an integrated pest management (IPM) program, Grandevo WDG offers multiple modes of action that can significantly benefit producers trying to reduce the risk of insect resistance. Grandevo WDG is exempt from the requirement of tolerances and therefore can be sprayed right up to harvest without creating concerns for exported produce or produce that must meet strict residue requirements of the food marketing chain.

Grandevo WDG offers improved handling and better, more convenient packaging. The water dispersible granule mixes easily in spray tanks, which saves applicators valuable time to the field. Grandevo WDG comes in a convenient 6- or 20-pound bag, which has an easy tear-top that allow mixers convenient access.

The industry recognizes NOW as the primary pest in pistachios and almonds. In 2016 alone, damage from NOW cost pistachio growers over \$100 million in lost sales, according to AgNet West - California Agriculture News. The key to effective NOW management is reducing the population as much as possible at vulnerable times in the NOW seasonal cycle. Grandevo WDG is an outstanding rotational partner to include in every tree nut program for control of NOW and other pests such as peach twig borer, two-spotted spider mites and for many vegetables in programs to control thrips.

"Grandevo is an excellent rotational partner with other insecticide/miticides, including MBI's own Venerate® bioinsecticide/miticide. Use Grandevo WDG early in the pest's population life cycle before they build up in numbers, to reduce reproduction and stop feeding, then follow with another product such as Venerate, which works through contact, via an insect growth regulation mode of action, that differs from the insecticidal mechanisms of Grandevo", said Lisa Malabad, MBI's insecticide/nematicide product manager.

Grandevo WDG is labeled for a wide array of crops, including those most economically important to California agriculture such as tree nuts, grapes, strawberries, fruiting vegetables, leafy greens and citrus. Grandevo WDG's unique and complex mode of action gives growers a powerful tool to strengthen their IPM programs.

About Marrone Bio Innovations Smart. Natural. Solutions.

Marrone Bio Innovations, Inc. (NASDAQ:MBII) strives to lead the movement to a more sustainable world through the discovery, development and promotion of biological products for pest management and plant health. MBI's effective and environmentally responsible pest management solutions help customers operate more sustainably while uniquely improving plant health and increasing crop yields. MBI currently has seven commercially available products (Regalia®, Grandevo®,

Venerate[®], Majestene[®], Haven[®] Stargus[™]/Amplitude[™] and Zequanox[®]). MBI also distributes Bio-tam 2.0[®] for Isagro USA and Jet-Ag[®] for Jet Harvest in most regions of the U.S.

Marrone Bio Innovations is dedicated to pioneering smart biopesticide solutions that support a better tomorrow for both farmers and consumers around the globe. For more information, please visit www.marronebio.com.

Marrone Bio Innovations Forward Looking Statements

This press release contains forward-looking statements that involve substantial risks and uncertainties. All statements, other than statements of historical facts, included in this press release regarding strategy, future operations and plans, including assumptions underlying such statements, are forward-looking statements, and should not be relied upon as representing MBI's views as of any subsequent date. Examples of such statements include statements regarding the potential of Grandevo WDG and other MBI products in the specialty crop markets, market projections, including the potential benefits of MBI's products, and MBI's plans for expanding additional label uses and expansion. Such forward-looking statements are based on information available to the Company as of the date of this release and involve a number of risks and uncertainties, some beyond the Company's control, that could cause actual results to differ materially from those anticipated by these forward-looking statements, including consumer, regulatory and other factors affecting demand for the MBI's products, any difficulty in marketing MBI's products in its target markets, competition in the market for pest management products, lack of understanding of bio-based pest management products by customers and growers. Additional information that could lead to material changes in MBI's performance is contained in its filings with the SEC. MBI is under no obligation to, and expressly disclaims any responsibility to, update or alter forward-looking statements contained in this release, whether as a result of current information, future events or otherwise.

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