



Bee Vectoring Technologies Confirms Successful Large Scale US Commercial Demonstrations on Strawberries

- **BVT system produced significantly greater yields in all three demonstration trials**
- **Yield increases were up to 29% greater than chemical only treatment programs**
- **Higher yields were produced even in the absence of disease pressure**
- **Results further solidify commercial demand for technology**

Mississauga, ON – May 17, 2017 – Bee Vectoring Technologies (the “Company” or “BVT”) (TSXV: BEE) is pleased to announce successful, verified results from large commercial scale demonstrations of its proprietary crop production system, with strawberry growers in Florida.

The demonstrations were conducted in the Plant City area of Hillsborough County, Florida, the main winter strawberry growing region in the US which produces around 20 million flats of strawberries on 11,000 acres every year. Three influential growers who combined, control about 30% of the production in the region, expressed interest in gauging how the BVT System, consisting of a bumble bee hive with proprietary dispenser technology through which BVT’s proprietary plant beneficial microbe BVT-CR7 is delivered to crops using bumble bees, could improve the productivity of their farming operations and how it could be incorporated into their crop production practices on a commercial scale. The demonstration fields were assessed for both (a) control of botrytis gray mold, a costly disease in strawberries which causes the fruit to rot and reduces the shelf life of berries, and (b) the ability to improve marketable yield.

“These are significant results and confirm that the positive results we have seen in the numerous field trials we have done over the last couple of seasons, also apply in commercial fields under real-life conditions,” stated Ashish Malik, CEO of BVT. *“We have been able to demonstrate that the BVT system improves yields 1) in the presence, or even in the absence of botrytis disease pressure, which is significant since it shows our system brings value to growers regardless of the severity of the disease which will follow a natural cycle from year to year; 2) with full or reduced amounts of chemical fungicides giving the grower flexibility in how they want to use the system.”*

Jay Sizemore, owner of JayMar Farms where one of the demonstrations was done said *“These are some encouraging results. Growers are always looking to improve what we do since our margins keep getting thinner. I thought the BVT system had a lot of promise when I first learnt about it which is why I was eager to try it, and I am pleased to see my thoughts confirmed with the positive results from the demo. It is especially compelling since this is an all-natural way to seemingly improve productivity of the berry crop.”*

Mr. Malik added *“It is notable that, based on the yield increases that have been recorded because of using the BVT system on the three test sites, if the entire Plant City strawberry crop was treated, it could theoretically lead to the production of 1.2M to 5.8M additional flats of strawberries, or put another way, generate between \$10 million to \$50 million in additional revenue for the growers in the area. We are very thankful to our three grower partners for their*

cooperation and look forward to continuing our discussions with them on how best to integrate our system into their long-term farming operations.”

“Large-scale commercial demos represent the final pre-commercial stage in the well-established path to commercialization that forms the basis of any major adoption of new on-farm technology. We expect these latest demos to further accelerate demand for our technology and allow us to successfully complete our go-to-market plans” said Mr. Malik.

In the first demonstration, conducted on 40 acres at JayMar Farms, the field was divided into three sections: one section was treated with chemical fungicides alone, the second section was treated with the BVT system and the same chemical program used in the first section, while in the third section the BVT system was used with a 50% reduction in the chemical sprays.

- The two sections with the BVT system had statistically significant reductions in incidence of botrytis gray mold (3% vs 13%)
- The section where the BVT system was used with a 50% reduction of the chemical fungicides had the best marketable yield, 26% better yield than chemicals alone in direct comparisons
- The section where the BVT system was used together with the full chemical program produced a 6% higher yield than where the chemicals were used alone in direct comparisons

The second grower demonstration was conducted on 20 acres with three sections: one section was treated with chemical fungicides alone, while the other two were treated with the BVT system in addition to the chemical fungicide program.

- All sections of the field had low levels of botrytis gray mold
- The two sections where the BVT system was used produced 6% and 24% more marketable yield respectively than chemical fungicides alone
- On average for the season, plants in the sections where the BVT system was used produced 11% more berries per plot compared against the chemical fungicide section

The third grower demonstration was conducted on 10 acres with two sections: one with a chemical program, and the other with the BVT system plus the same chemical program.

- Both sections of the field had low levels of incidence of the botrytis disease
- The section with the BVT system had a 29% higher marketable yield across two observations when compared against the chemical only section

The Company is continuing to successfully execute on its documented growth strategy while driving towards commercialization of its proprietary system. BVT is selectively expanding its market opportunities while continuing towards securing US Environmental Protection Agency (EPA) regulatory approval of its BVT-CR7 beneficial microbe.

In the next 6 months, the Company will complete its go to market planning for the commercial launch including finalizing the business model, pricing and distribution partnerships, and is planning trials in additional crops and countries, including sunflowers in the US and in strawberries and tomatoes in Europe.

About [Bee Vectoring Technologies International Inc.](#)

BVT has developed and owns patent-pending bee vectoring technology that is designed to harmlessly utilize bumblebees and honeybees as natural delivery mechanisms for a variety of powdered mixtures comprised of organic compounds that inhibit or control common crop diseases, while at the same time enhancing crop vigor and productivity. This unique and proprietary process enables a targeted delivery of crop controls using the simple process of bee pollination to replace traditional crop spraying, resulting in better yields, superior quality, and less impact on the environment without the use of water or disruptions to labour.

Additional information can be viewed at the Company's website www.beevt.com

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