



NEWS RELEASE

## Results of Strawberry Research and Testing Released

### Pathway Biologic Microbial Inoculants Provide Increased ROI to Strawberry Growers

**September 9, 2016 – For Immediate Release, Plant City, FL:** Pathway BioLogic manufactures microbial inoculants containing PGPR (**Plant Growth Promoting Rhizobacteria**) focused on providing improved nutrient use efficiency, enhanced root development, and greater opportunity for growth and increased yields. These formulations are non-composted, shelf stable for up to two years, and contain microbial strains with proven genetic potential to have the most positive impact on plant growth, resulting in consistent product performance and crop quality.

Exhaustive testing was recently completed utilizing Pathway Biologic's PGPR, and the results showed that strawberries **treated with PGPR's produced 24% more flats. These improved yields resulted in 22% profit increase. ROI reflects cumulative return per acre to grower over the entire season.** (ROI reflects profit after \$6.00/tray deducted for post-harvest production cost. Marketable returns based on USDA Market Prices.) Pathway PGPR inoculants have shown to be an integral component of efficient crop production leading to a healthy bottom line.

Holden Research, Ventura County, CA – 2015/16

All treatments received controlled release fertilizer at planting and in-season nitrogen applications in the form of CAN 17. Treatments with PGPR received 2 pts at plant, then 1 pt every 2 weeks in-season. Plant Weight & Root Weight measurements taken Dec. 1, Dec. 9. Number of season picks = 30.

Note: Pathway does not recommend reducing fertilizer inputs. Data from treatments with PGPR reflect nutrient use efficiency, not reduction. Incorporating PGPR's into production programs can improve the efficacy of fertilizer via nutrient solubilizing enzymes produced by PGPR, greater root mass, and enhanced plant vigor.

Root development (root tips and lateral roots) and plant vigor improve via the production of growth promoting metabolites, providing enhanced photosynthetic capability. PGPR's produce more enzymes and metabolites that solubilize and improve the uptake and utilization of nutrients, providing more efficient use of fertilizer inputs. Pathway products are unique in the agriculture industry because of our formulation technology and ability to deliver a truly effective rate of bacterial spores through a wide range of common agricultural practices.

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#### About Pathway Biologic:

Pathway Biologic, LLC of Plant City, FL is a microbial science company and an emerging leader in the applied science of Poly Microbial Technology and Formulations that boost soil value, optimize plant growth, encourage plant health, increase crop performance, and improve the efficiency of fertilizer and water in the growing process.