CLAIMS

1. A method of enhancing plant immunity, health, growth and/or yield, wherein the method comprises applying:

a first microorganism and/or a growth by-product thereof, and

a second microorganism and/or a growth by-product thereof,

to a plant and/or its surrounding environment, wherein the first microorganism is *Trichoderma harzianum*, and the second microorganism is *Bacillus amyloliquefaciens subsp. locus* (NRRL B-67928).

2. The method of claim 1, comprising using an irrigation system to apply the first microorganism, second microorganism and/or growth by-products thereof to the plant and/or its surrounding environment.

3. The method of claim 1, comprising applying the first microorganism, second microorganism and/or growth by-products thereof, to the plant and/or its surrounding environment alongside a source of one or more nutrients selected from nitrogen, phosphorous, and potassium.

4. The method of claim 1, wherein the plant has compromised immune health due to an infection from a pathogenic agent or due to an environmental stressor.

5. The method of claim 4, wherein the plant is a citrus plant affected by citrus greening disease and/or citrus canker disease.

6. The method of claim 1, wherein the plant is a crop plant.

7. The method of claim 6, wherein the crop plant is selected from citrus, tomato, sod, potato, sugarcane, grapes, watermelon, cantaloupe, lettuce, almond, onion, carrot, berries and cotton.

8. The method of claim 1, comprising using a handheld lawn and garden sprayer to apply the first microorganism, second microorganism and/or growth by-products thereof.