

# ***Pantoea agglomerans* strain E325 (006511) Fact Sheet**

## **Summary**

Originally isolated in 1994 by researchers at the U.S. Department of Agriculture, Agriculture Research Collection, this naturally-occurring, non-pathogenic bacterium was first identified as *Erwinia herbicola*. Following gas chromatography-fatty acid methyl ester (GC-FAME) and substrate analysis, as well as bacterial taxonomy restructuring, this isolate is now considered a strain of *Pantoea agglomerans*.

### **I. Target Pests/ Application Sites & Methods**

The end use product Bloomtime®, which contains 7.0% of the active ingredient, is used to control fire blight in apples and pears through air blast spray application. This microbial pesticide is applied at 15 to 20 percent bloom followed by a second application at the first petal fall or full bloom.

### **II. Human Health Effects**

No adverse health effects were observed through submitted data reports and public literature. Based on the data submitted and its low toxicological significance, the active ingredient *Pantoea agglomerans* strain E325 has a toxicity category IV, the lowest level indicating little to no toxic effects at the highest dose. Certain testing requirements have been waived because of these findings.

### **III. Environmental and Ecological Effects**

Based on the submitted data and waiver rationales, environmental fate data (Tier II/III) was not required due to the absence of significant toxicological effects in non-target organisms in Tier I testing.

### **IV. Regulatory Information**

Registered on September 8, 2006 with a commercial FIFIRA section 3 registration and an exemption from the requirement of a tolerance for the bacterium *Pantoea agglomerans* strain E325, applied to apples and pears.

### **V. Additional Contact Information**

[Ombudsman, Biopesticides and Pollution Prevention Division](#) (7511P)  
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