

## Tools for Microbiome Data Visualization and Exploration

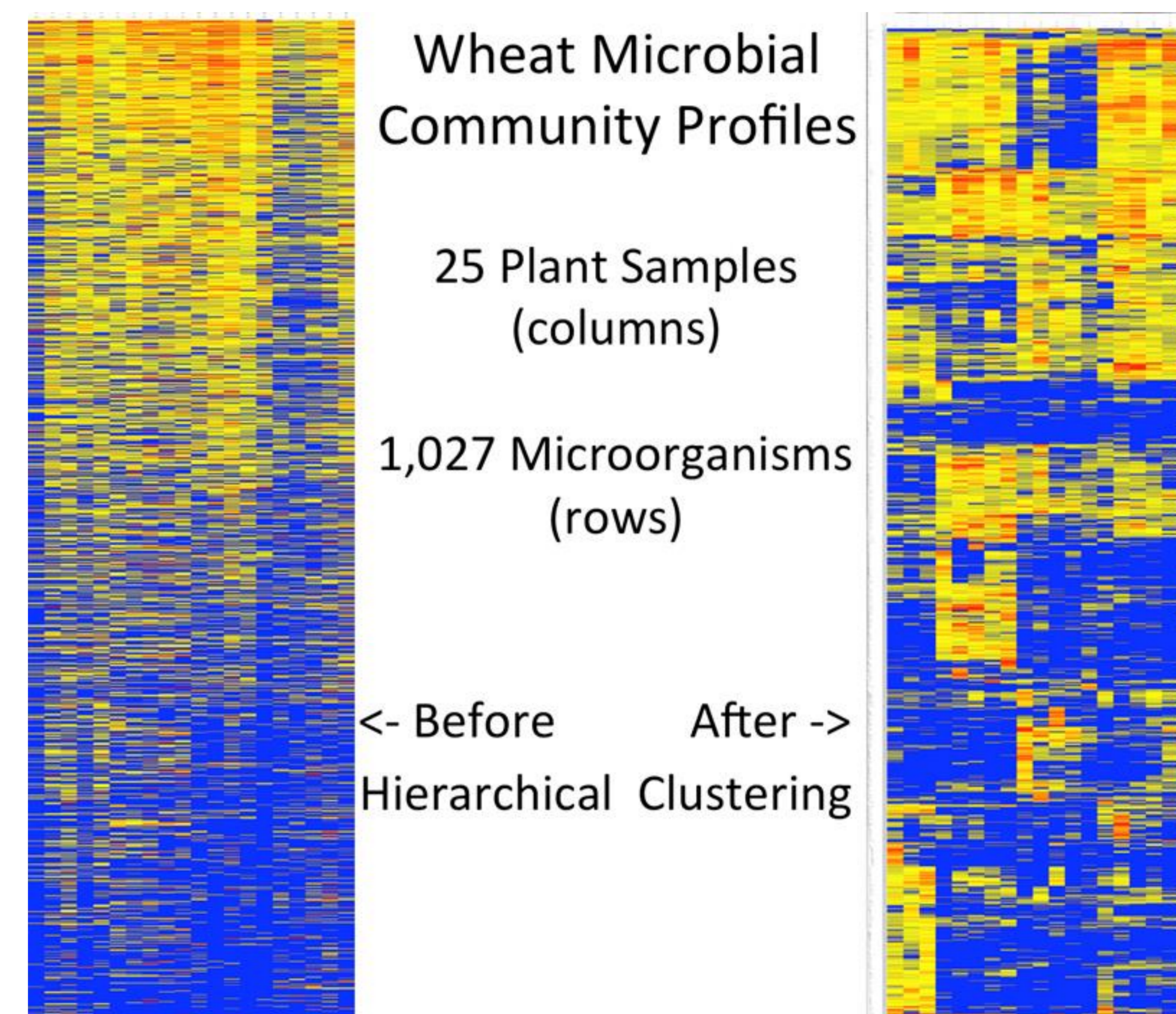
**Objectives:** Create web-based tool enabling real-time, remote, collaborative exploration of large microbiome data sets by multiple investigators

**Outputs:** CEDE software

**Impact:** CEDE has enabled BBI research team members with distinct expertise resident in different centres to collaboratively explore BBI data sets interactively, and in real-time. This has enhanced our ability to analyze the data. CEDE is a prototype for our planned on-farm tools.

**Deployment path:** Consortium and industry partners

**Delivery date:** May 2014 - Ongoing



**Resources Committed:** ~260K over 5 years

**Opportunity for collaboration:** Characterization of crop-associated microbiome. Analysis of microbiome-crop outcome relationships

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