What is Horticultural Engineering?

Horticultural engineering blends agricultural engineering, plant science, computer science, and control theory to produce effective and efficient plant growing systems, whether in high-tech greenhouses or low-tech row cover systems. In the case of greenhouse production systems, another frequently used term is Controlled Environment Agriculture. People trained in this discipline have a strong understanding of and appreciation for the engineering, biological, and environmental aspects of plant production. Horticultural engineers play a vital role in the secure, healthy, and cost-effective production of many edible and ornamental plant species on which we all depend.