SROC Horticulture Field Assistant

Position Description
Duration: May–August
Hours: M–F, 40 hrs / week (typically), 7:30–4:00
Requirements: 16 years old, interest in working outside
Location: University of Minnesota SROC, Waseca

The University of Minnesota Southern Research and Outreach Center performs field research with horticultural crops each summer. In 2020, crops will include sweet corn, peas, hops, broccoli, carrots, chili peppers, Brussels sprouts, and melons.

The candidate will assist the horticulture research team with the following tasks, as directed:

- Research plot measuring and staking
- Research plot planting
- Research plot maintenance, including:
  - Scouting
  - Weeding
  - Watering
  - Training plants
  - Maintaining irrigation
- Experimental treatments of plants and research plots, including:
  - Applying fertilizer
  - Thinning plants
  - Applying shade
  - Pollinating
- Data collection, including:
  - Timing of flowering
  - Disease and relative vigor ratings
  - Plant density and canopy measurements
- Harvest, including:
  - Hand-harvest of vegetables from plots
  - Yield measurements (weights, counts)
  - Pea and sweet corn processing
  - Quality measurements and ratings, including
    - Physiological disorders
    - Size
    - Shape
- Data entry

For questions, contact:
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