Supplemental Heat in High Tunnels

How to keep your stuff from freezing
Winter Production Conference

Lincoln University Carver Farm
Jefferson City, Mo February 11,2019
Options for your High Tunnel

• Double Layer Plastic
• Row-Covers
• Floating Row Covers
• Infra-Red Heaters
• Modine Heaters
• Greenhouse inside High Tunnel
• Additional Thoughts
Options Cont.

• Double Poly
  – Off Grid Options
  – 60 CFM
Options Cont.

• Row Cover
  – Spun Bonded
  – Different Brands
  – By weight
  – Wire Hoops
  – Cable
Options Cont.

• Floating Row Cover
Options Cont.

• Infra- Red Heaters
• Common in Poultry Operations
Modine Heather with Poly Tube
Options Cont.

• For early season production, heat may not be required for the entire tunnel
• Heated Structure inside of a high tunnel

• Picture taken February 8, 2019
Option's Cont.

• Wood Furnace
  – Need to be extremely careful!!
  – Outdoor furnace is preferable
    • Recirculating Heated Water
    • Chinese High Tunnel
    • Water Barrels
Options Cont.

• Please remember that high tunnels are designed to be ‘low tech’.
• Do you want to grow in a high tunnel or a greenhouse
Contact Info

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