



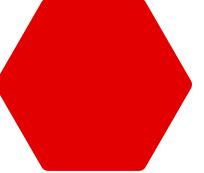
# MANAGE

## Your Potato Storage

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Presented by





# **Growing Season**

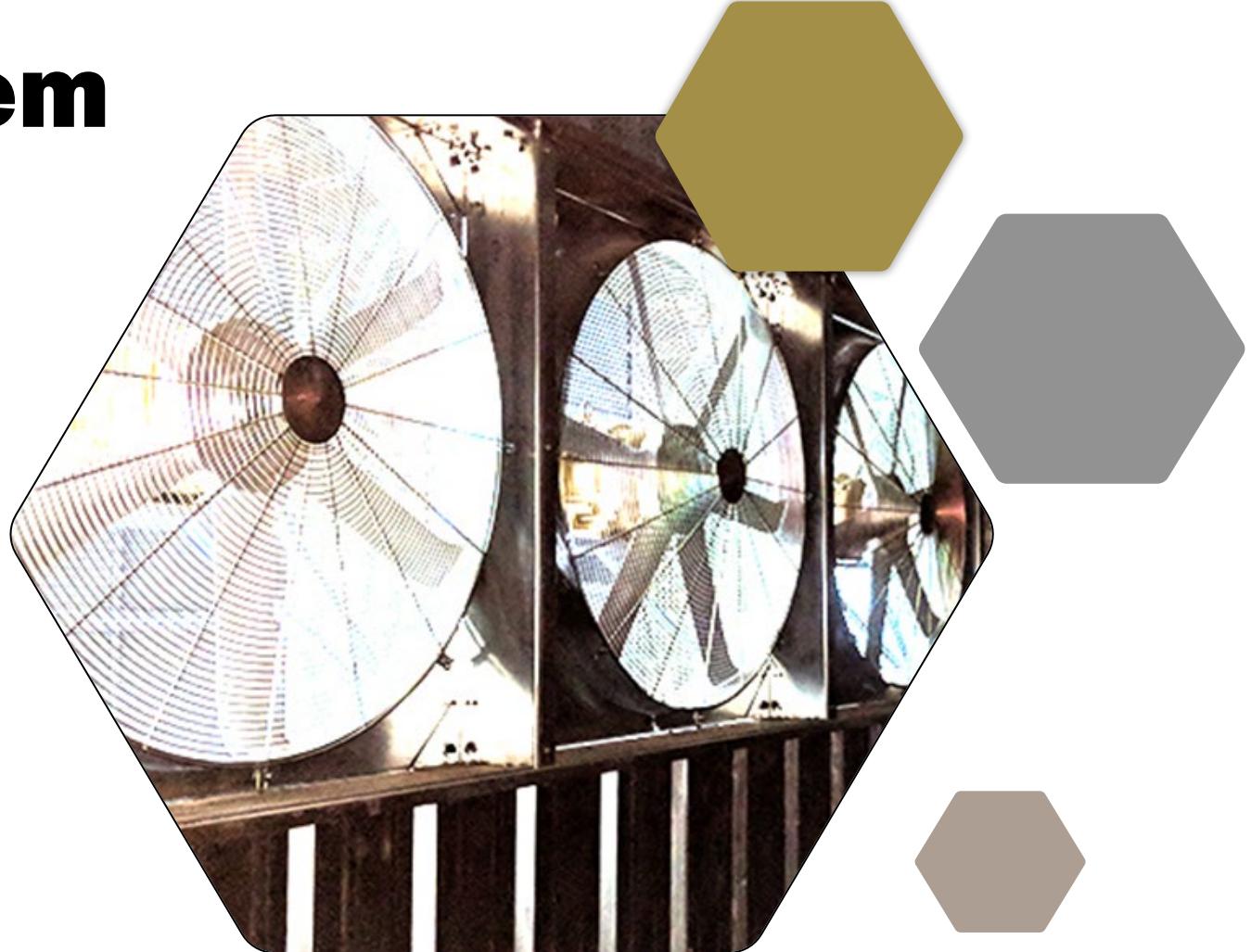
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- Nutrient Management
- Water Management
- Pest Management
- Identify Risk
  - Wet Areas
  - Pathogen Presence



# Ventilation System

- Prior To Planned Harvest Date
  - Pre-Season
  - Humidity
- During Loading
  - Temperature Settings
  - Humidity “On”
  - Maximum Run Time
  - Fan Speed
- Identify Risk
  - System Capabilities
  - Sizing
  - Condition



# Harvesting

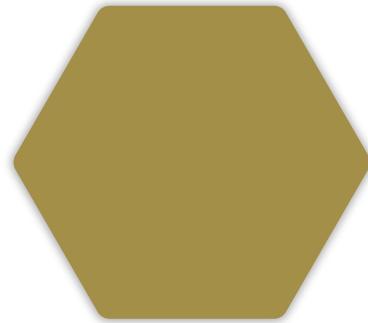


- Vine Kill
  - Soil Moisture
  - Soil Temperature/Tuber Temperature
  - Handling
  - Identify Risk
-

# Loading Cellar



- Height
- Evenness
- Proper Duct Installation
- Antimicrobial Treatment
- **Achieving Cooling**
  - Using Control Options
- Identify Risk
  - Bruise/Damage
  - Diseased Tubers



# Ramping

<b>Set Point</b>	<b>%Relative Humidity</b>			
At 100%Rh	Delta T 1°F	Delta T 2°F	Delta T 4°F	Delta T 10°F
38	96	92	85	68
42	96	92	85	69
45	96	92	85	69
48	96	93	86	69
55	96	93	87	70
60	95	93	87	70

- Start Temperature
  - Available Run Time
  - Wound Healing
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- Ramp Rate
    - Manage Delta T
    - Fan Speed
  - Identify Risk

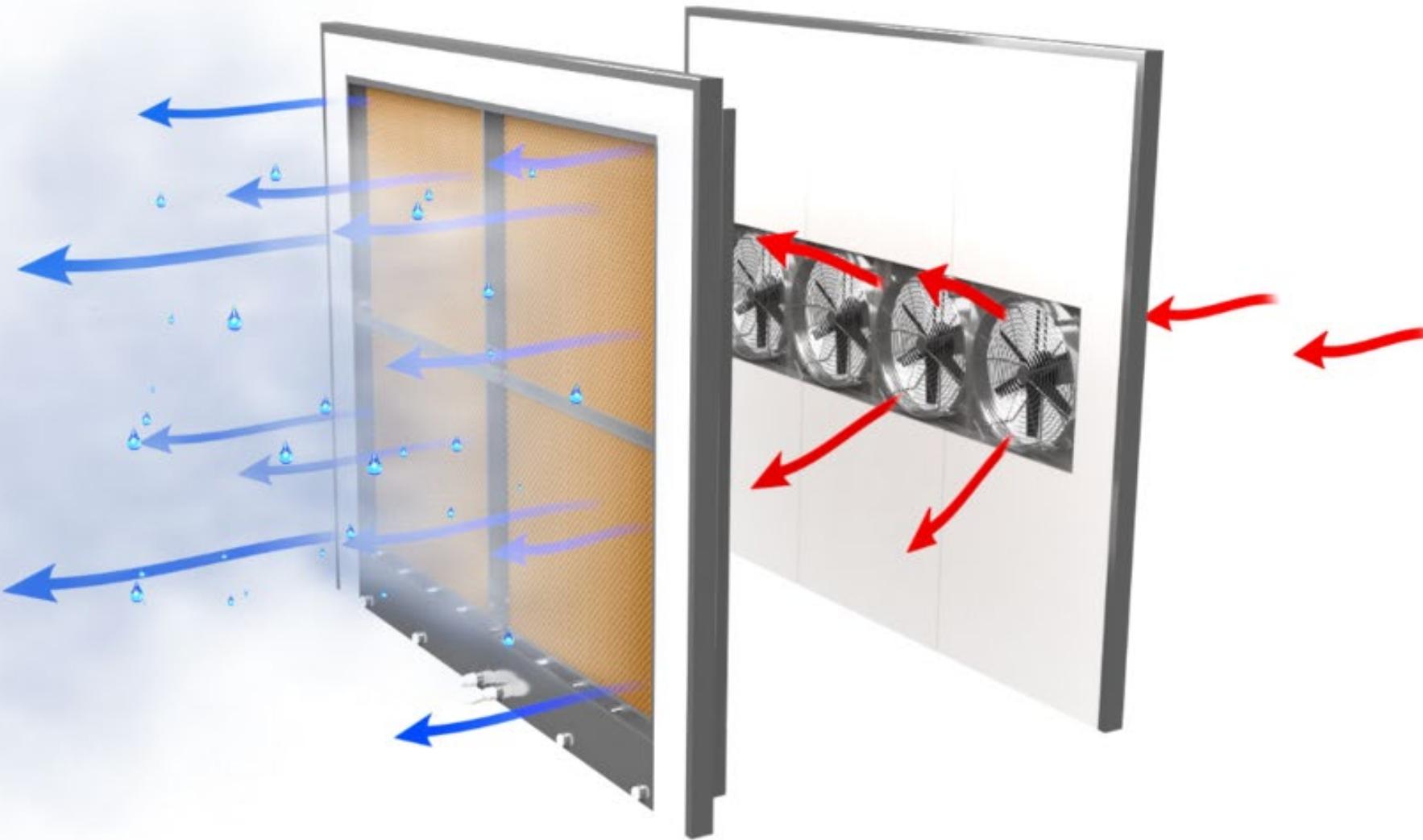


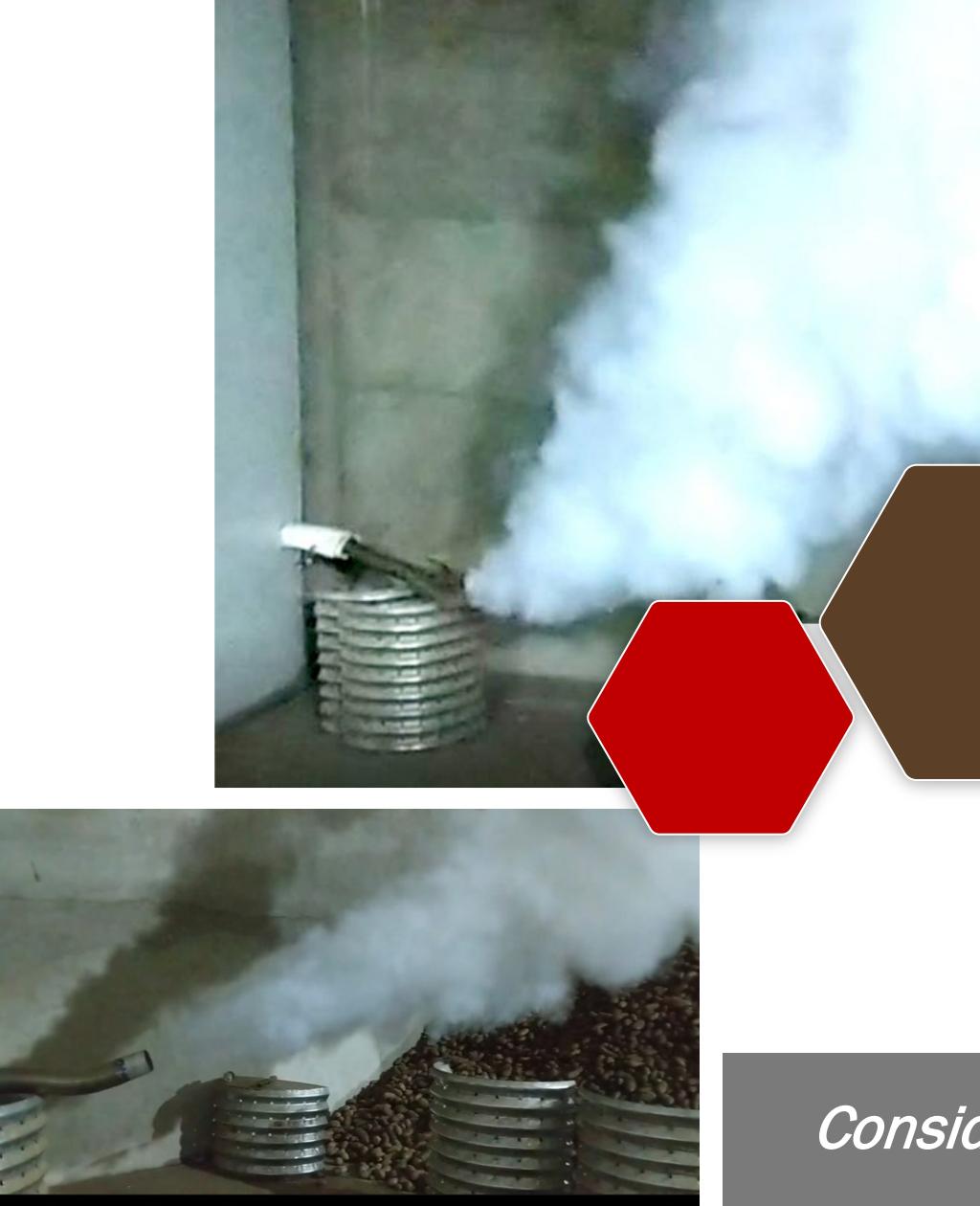
# Holding

- Monitor Daily Pulp Temps
  - Manage Delta T
    - Fan Speed
    - Run Time
  - Manage Humidity
    - Free Water
    - Cell
    - Humidifiers
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# CLIMACELL MEDIA

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# Sprout Suppression

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- CIPC
- Smart Block
- 1,4 ZAP
- Amplify
- DMN
- Clove Oil etc.
- Combination Treatments

*Consider the End Use...*

Maximum Rate   ●   Re-entry Interval   ●   Safety   ●   Subsequent Application

# Refrigeration

- Service Ahead of Need
- Remove Field Heat in Fall
- Start Early in Spring
- Fan Speed





# Storage Risk

## Identify Risk

- Antimicrobial Applications
    - Safety
    - Re-entry
  - Disease
  - Temperature
  - Humidity
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# What Is Your Storage Management Program

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