

Optimizing Space:

“fruiting wall” strategies

- the “UFO” system
- Marchand oblique canopy
- super slender axe
- palmette canopy



Management Issues:

- Cropping on spurs vs. non-spur flowers
- When and how to renew fruiting units

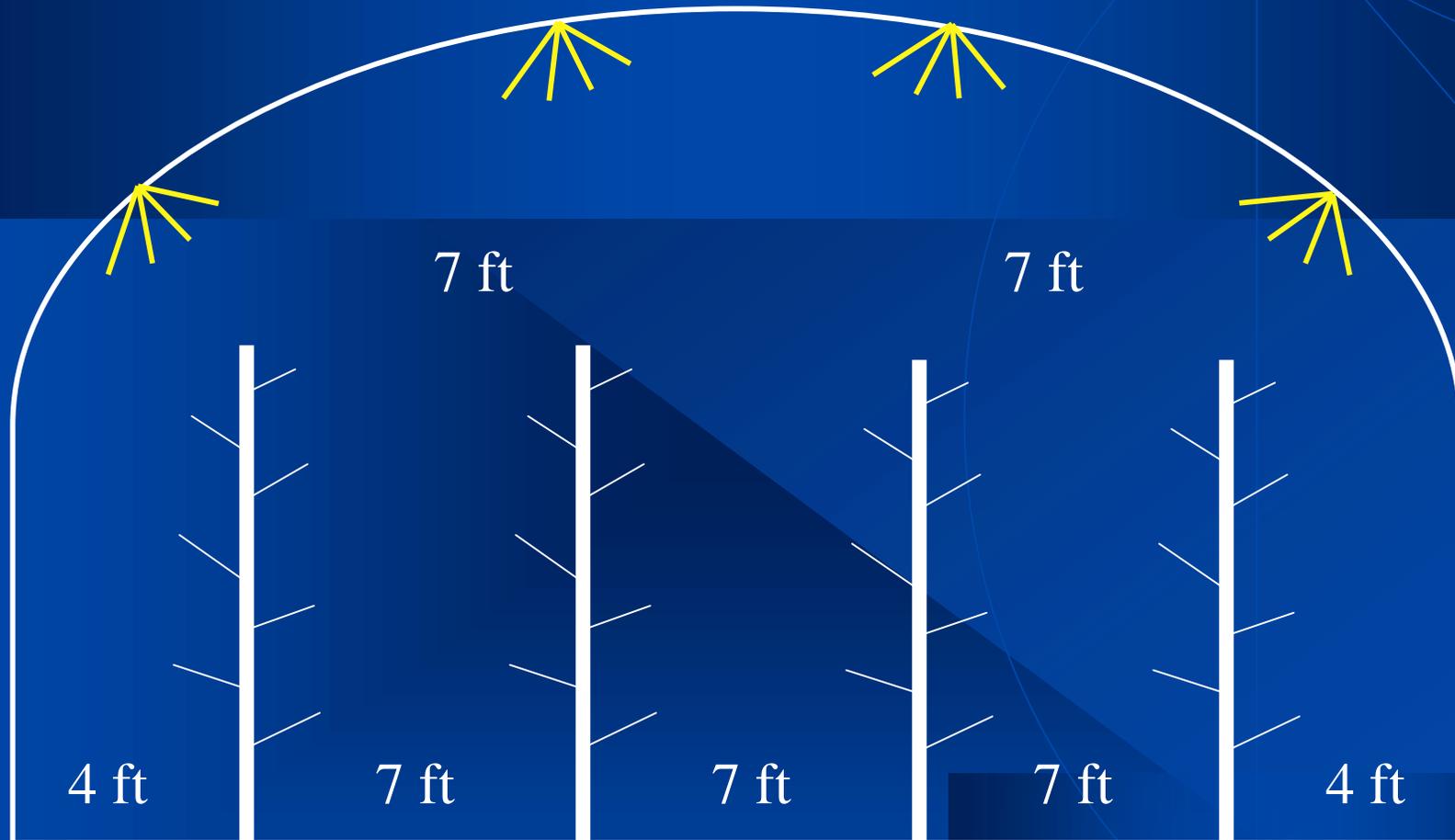
**“Scouting” for Light;
Summer Pruning & Training**



Super Slender Axe
- potential for 2nd year yields



Fruiting Wall + Solid Set Canopy Delivery (SSCD) Spray System: Optimized Tunnels (29 ft [9 m] wide)?



A 5 ft row spacing = 140 ft^3 tree volume = $3.8 \text{ ft}^3/\text{ft}^2$

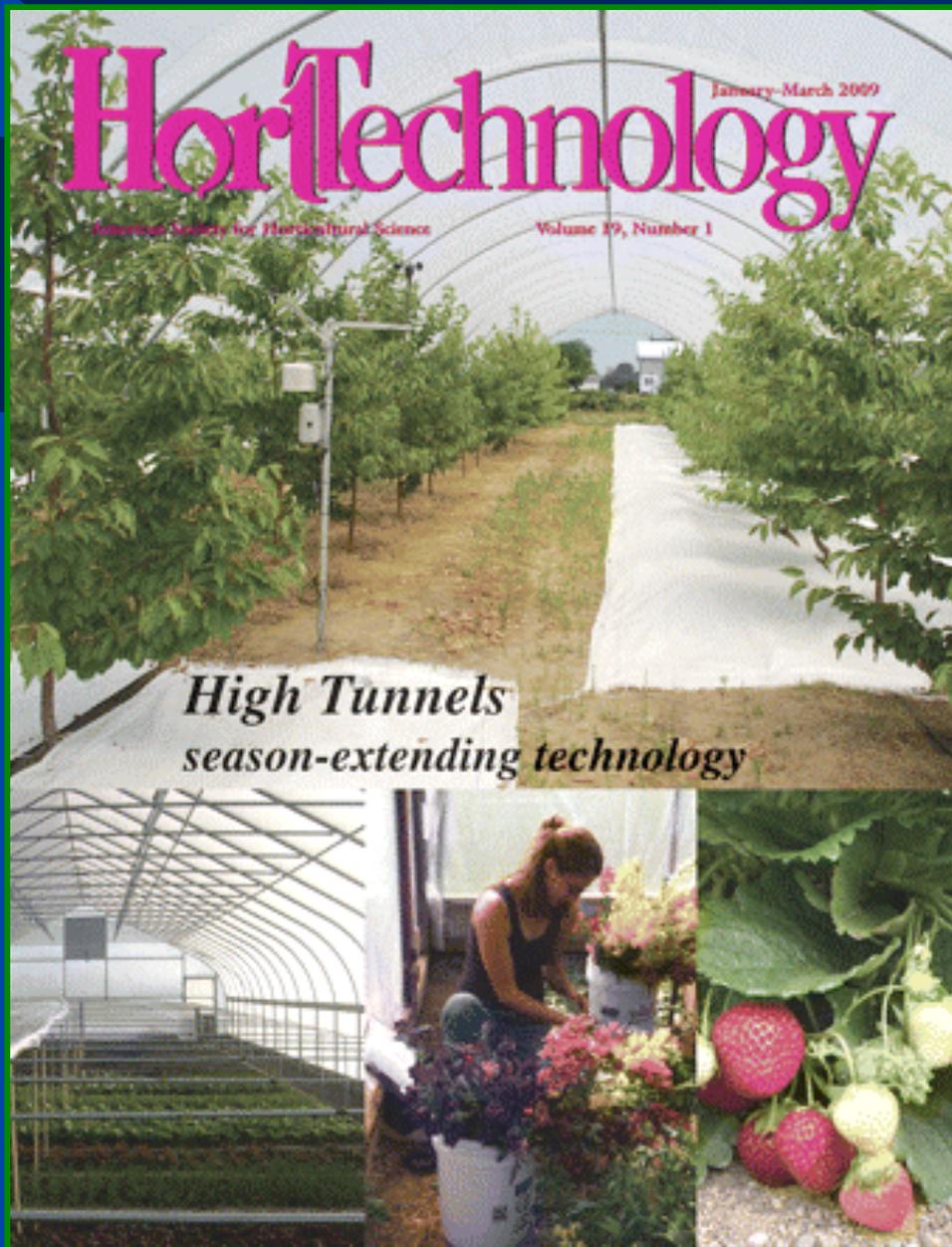
Existing tree volume at CHES = $6 \times 6 \times 9 \text{ ft} = 3.3 \text{ ft}^3/\text{ft}^2$



Solid-Set Canopy
Spray Delivery System



Solid-Set Canopy
Spray Delivery System



High Tunnel Cherries

www.hrt.msu.edu/faculty/langg.htm

ASHS Podcasts (2007)

[High Tunnel Cherries, Part I](#)

[High Tunnel Cherries, Part II](#)

Research Project Posters

[High Tunnel Cherry Poster 2006](#)

[High Tunnel Cherry Poster 2007](#)

Research Project Presentations

[2007 High Tunnel Cherry Project Report](#)

[2008 Great Lakes Expo High Tunnel Workshop - Cherries](#)



MSU Tree Fruit Research



Questions ?

In-Kind support:
Haygrove Tunnels
Summit Tree Sales
Willow Drive Nursery
C&O Nursery
Int'l Plant Managemt
Klerks USA Plastics
Sun-Up Films



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