

## MOVABLE HIGH TUNNELS



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## Advantages of Protected Cultivation with High Tunnels

- ❑ Extend the Growing Season
- ❑ Increase Marketing Opportunities
- ❑ Improve economic viability
- ❑ Controlled Environment for Growing Crops
- ❑ Increase Crop Yield & Crop Quality
- ❑ Protect Crops From Inclement Weather & Pests
- ❑ And More...



## The Great Leap Forward



## Advantages of Movable HighTunnels

1. Build Soil Organic Matter
2. Minimize Pest and Soil Concerns
3. Multiple Season Extensions
4. Eliminate High Tunnel Cooling
5. Diversify Crop Rotations
6. Extend Market Availability
7. And More...



## Build Soil Organic Matter

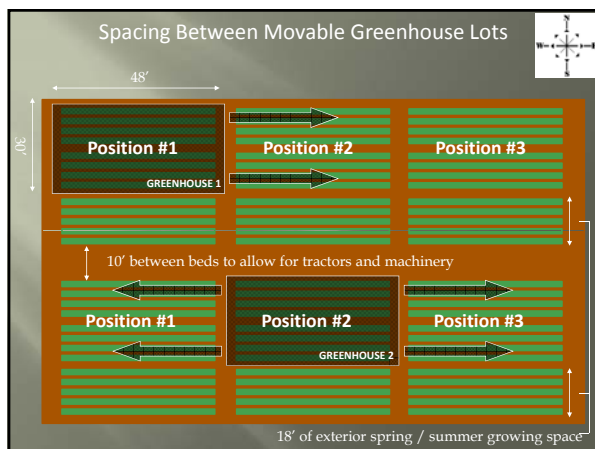
- ❑ Movable High Tunnels allow planting long-term, deep rooting, leguminous green manure crops on exposed sections.





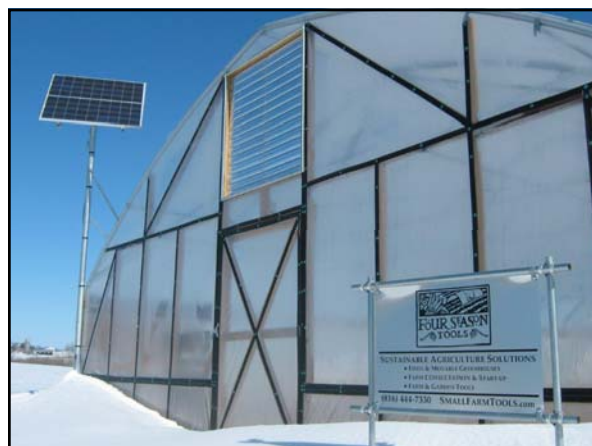
## Minimize Pest & Soil Issues

- Avoid increased pest pressure while also minimizing excess soil nutrients and soil borne disease issues that are often problems for stationary high tunnels



## Multiple Season Extensions

Plant cool hardy crops in the spring and fall to provide a year round harvest while still taking advantage of the primary warm season production









## Eliminate High Tunnel Cooling

Eliminate the expense of cooling high tunnels when planning for fall/winter harvestable crops







## Diversify Crop Rotations

Movable High Tunnels provide the opportunity to diversify crop rotations while at the same time incorporating green manures without sacrificing valuable high tunnel space

	- High Tunnel	Position 1	Position 2	Position 3
Feb 15 <sup>th</sup> Move Tunnel		Direct Seed Carrots Under Low Tunnels	SNOW	SNOW
Apr 1 <sup>st</sup> Move, Leaving Low Tunnels		Carrots Under Low Tunnels	High Tunnel Warms Soil	EMPTY
Apr 21 <sup>st</sup>		Carrots Under Low Tunnels	Transplant 6 Week Old Tomatoes	Prep for Leeks
May 5 <sup>th</sup>		CARROTS	TOMATOES	Transplant 8-10 Week Old Leeks
Jun 1 <sup>st</sup>		Cover Crop or Summer Crop	TOMATOES	LEEKS
Sep 1 <sup>st</sup>		Direct Seed Spinach	TOMATOES	LEEKS
Nov 1 <sup>st</sup> Move Tunnel		SPINACH	Tomatoes Finished	Leeks Under Low Tunnels
Dec 1 <sup>st</sup> Next Year Starts in Pos 3		SNOW	SNOW	Leeks Under Low Tunnels

Year	Position 1	Position 2	Position 3
2011	Carrots Under Low Tunnels	SNOW	SNOW
2012	Carrots Under Low Tunnels	High Tunnel Warms Soil	EMPTY
2013	Carrots Under Low Tunnels	Transplant 6 Week Old Tomatoes	Prep for Leeks
2014	CARROTS	TOMATOES	Transplant 8-10 Week Old Leeks
2015	Cover Crop or Summer Crop	TOMATOES	LEEKS
2016	Direct Seed Spinach	TOMATOES	LEEKS
2017	SPINACH	Tomatoes Finished	Leeks Under Low Tunnels
2018	SNOW	SNOW	Leeks Under Low Tunnels

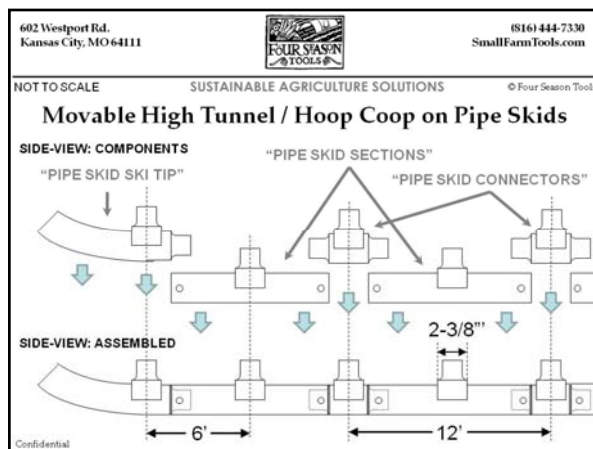
## Extend Market Availability

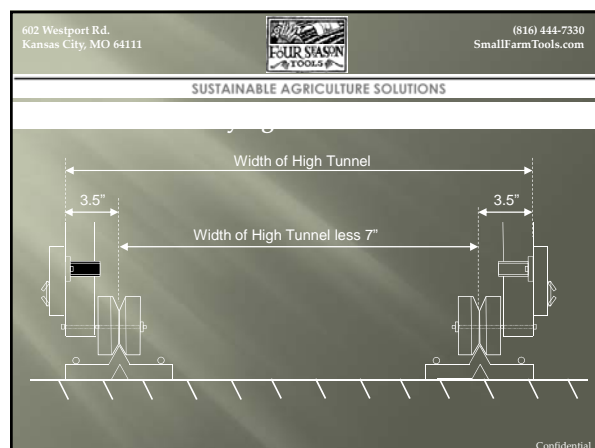
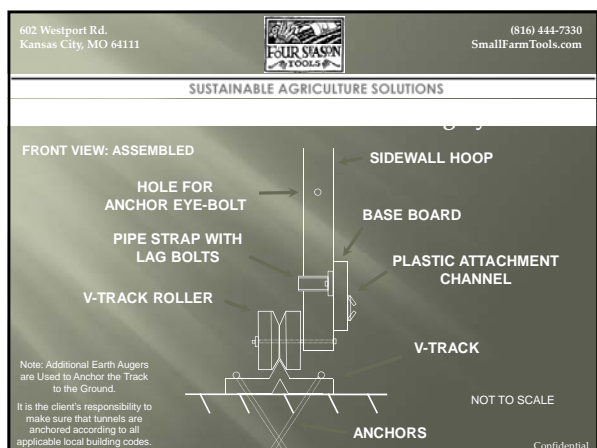
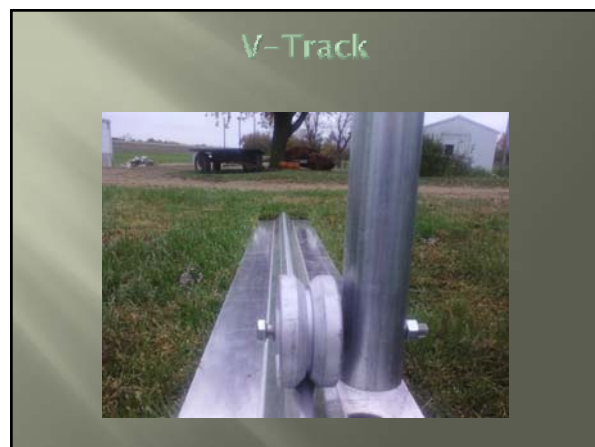
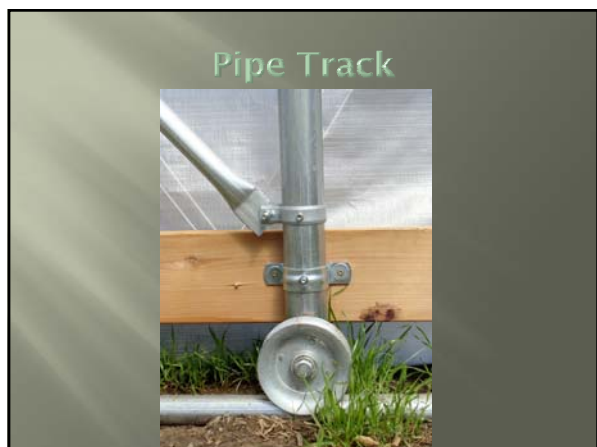
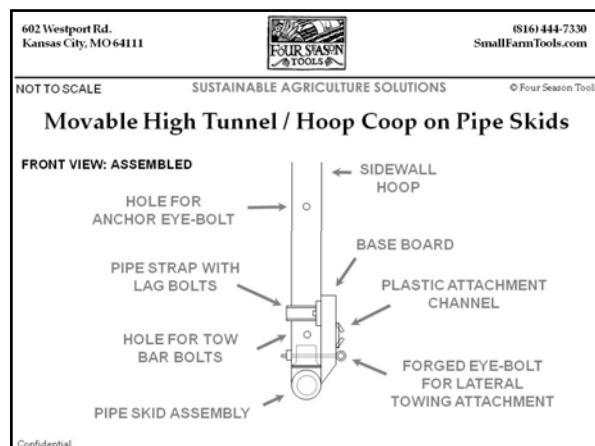
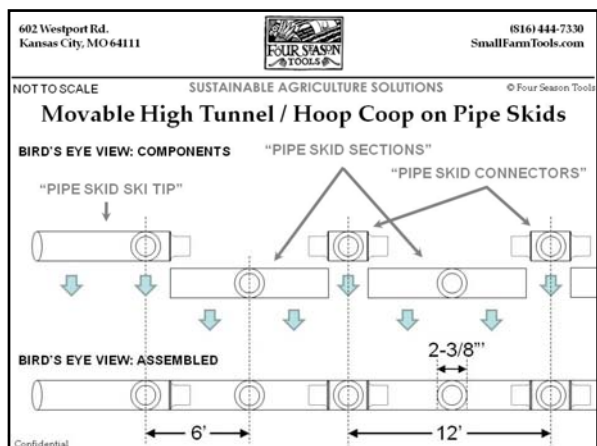
May crops are harvestable up to 5 weeks earlier and/or five weeks later than crops without high tunnel protection



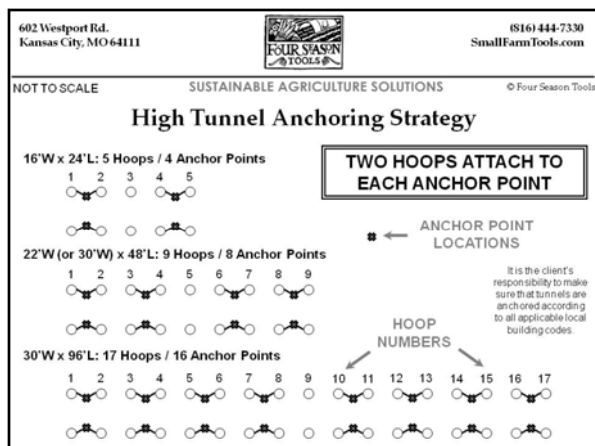
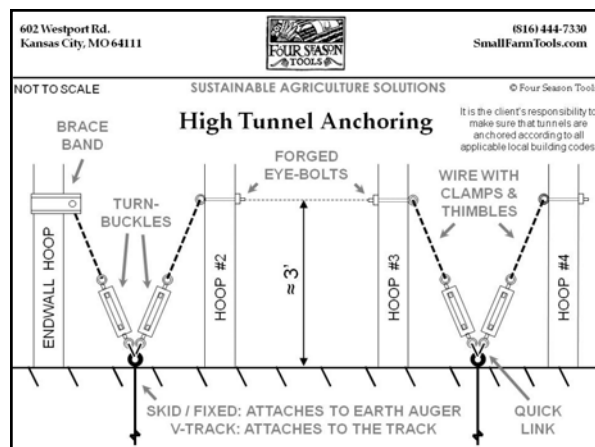
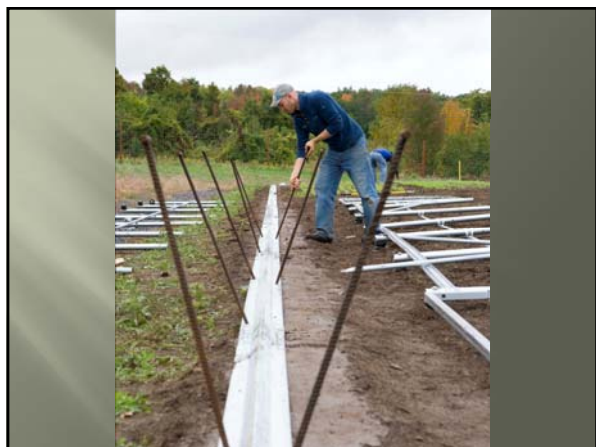
### Types of Movable High Tunnels

1. Pipe Skid
2. Pipe Track
3. V-Track









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Since 1968 Eliot Coleman has been perfecting a highly efficient, year-round farming system that dramatically increases the yield, nutrition, and value of fruit and vegetable farms. Based on these tools and techniques and with a mind toward sustainability, Four Season Tools offers farm development consultation, season extending movable high tunnels, and uniquely designed farm implements. Our solutions are ideal for establishing market farms from 1-5 acres or supplementing your larger farm with a high-yield vegetable system. Incorporating our movable high tunnels into a year round farm will expand your growing season and your bottom line.



Heritage Prairie Market, IL



North Haven Island, ME



Three 30 x 48s on Skids

Restoration Farm, OR



30 x 48 V-Track

The Salad Garden, MO



30 x 48 V-Track

Four Season Farm, ME



Three Position 30 x 48 on V-Track



Wegman's Food Markets, NY



Three 30 x 48s on Skids

Freedom Valley Farm, IN



30 x 60 Fixed Plant House

Heritage Prairie Grazers, VT



20 x 48 Hoop Coop on Skids

Heritage Prairie Grazers, VT



20 x 48 Hoop Coop on Skids

True Leaf Microgreens, PA



30 x 48 on Skids

Seed Savers Exchange, IA



30 x 48 on Skids



Johnson County Community College, KS  
High Tunnel Repair (Not a FST Tunnel)



Before



After

North Haven Island, ME



Three 30 x 48s on Skids

University of Iowa, IA



16 x 24 on Skids

Winslow Farm, MO



30 x 48 V-Track