

2023-24 High Tunnel Crop Scheduling in West Virginia

Lewis W. Jett
West Virginia University Extension
G215 Agriculture Sciences Bldg.
Morgantown, WV 26506
Lewis.Jett@mail.wvu.edu
304-293-2634 (Office)
304-288-2116 (Mobile)

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Table 1. General planting and harvest schedule for vegetable crops in West Virginia^z.

Crop	Growing/Harvesting Season	Planting	In-Row	Recommended
		Methody	Spacing	Varieties
Artichoke	Summer-Fall	TRP	24 in.	'Imperial Star'
Arugula	Spring, Summer, Fall	DS	4-5 seeds/in.	'Astro'
Asparagus	Spring	TRP	12-18 in.	'Jersey Giant' 'Jersey Knight', 'Jersey Deluxe'
Beet	Spring-Fall	TRP or DS	1-2 in.	'Red Ace' 'Kestrel' 'Chioggia Guardsmark' 'Touchstone Gold'
Bean (snap-bush)	Summer-Fall	DS or TRP	3 in.	'Prevail' 'Crockett' 'Boone' 'Caprice'
Bean (half runner)	Spring-Fall	DS or TRP	6 in.	'Josephine Jackson', 'Volunteer', 'Non-Tough'
Bean (Pole)	Spring-Fall	DS	6-8 in.	'Coal Camp' 'Rattlesnake', 'Turkey Craw'
Bean (lima)	Summer	DS	3-5 in.	'Fordhook 242', 'King of the Garden'
Bean (roma)	Summer-Fall	DS or TRP	3 in.	'Navarro' 'Furano' 'Roma II'
Bean (filet)	Summer-Fall	DS or TRP	3 in.	'Crockett' 'Nickel' 'Maxibel'
Bean (dry)	Summer-Fall	DS	3 in.	Pinto, Black Turtle 'Rattlesnake Pole'
Broccoli	Fall	TRP	12 inches	'Emerald Crown' 'Gypsy' 'Green Magic'
Broccoli (Winter)	Fall, Winter, Spring	DS or TRP	12-15 in.	'Santee', 'Rudolph'
Brussels Sprouts	Fall-Winter	TRP	18 in.	'Cobus' 'Gustus' 'Jade Cross E'
Cabbage (green)	Spring, Summer, Fall	TRP	9-15 in.	'Bronco'' Fast Vantage' 'Caraflex' 'Red Dynasty'
Cabbage (Chinese)	Spring, Summer, Fall	DS or TRP	12-18 in.	'Bilko' (Napa)



Crop	Growing/Harvesting Season	Planting	In-Row	Recommended
		Methody	Spacing	Varieties
Carrot	Spring, Summer, Fall, Winter	DS	1-2 in.	'Bolero' 'Sugarsnax 54' 'Napoli'
Cauliflower	Fall	TRP	15-18 in.	'Snow Crown' 'Grafitti' (purple) 'Cheddar' (orange)
Celery	Summer-Fall	TRP	12-15 in.	'Conquistador' 'Tango'
Chard (Swiss)	Year-round	TRP or DS	6 in.	'Bright Lights'
Collard	Fall/Winter	TRP or DS	12 in.	'Champion' 'Flash' 'Topbunch' 'Ga. Green'
Cucumber	Summer-Fall	TRP or DS	12 in.	'Sweet Slice' 'Excelsior' Dasher II
Eggplant	Summer	TRP	12-18 in.	'Nadia' 'Aretusa' (white)
Fennel	Summer	TRP	6 in.	'Fino', 'Preludio'
Garlic	Summer-Winter	DS/TRP	4-6 in.	'Music' 'Georgia Crystal' 'Inchelleum Red'
Kale	Fall, Winter, Spring	TRP or DS	4-8 in.	'Winterbor' Tuscano' 'Red Russian'
Kohlrabi	Summer-Fall	TRP	10-12 in.	'Winner' 'Kolibri'
Leeks	Spring; Fall	TRP	4-6 in.	'Bandit' 'King Richard' 'Tadorna'
Lettuce	Spring-Fall	TRP or DS	10-12 in.	'Magenta' 'Green Forest', 'Cherokee'
Okra	Summer	DS or TRP	15-24 in.	Annie Oakley II
Onion (green)	Spring-Fall	TRP or DS	1-2 in.	'Guardsman' 'Evergreen Hardy' 'Parade'
Onions (bulb)	Spring, Summer	TRP	4 in.	'Highlander, 'Candy' 'Super Star'
Parsnip	Fall/Winter	DS	18-30 in.	'Javelin' 'Andover'
Pea	Spring	TRP or DS	3-4 in.	'Bolero' (shell) 'Sugar Ann' (sugar snap)
Pepper (Sweet Bell)	Summer-Fall	TRP	15-18 in.	'Achimedes' 'Revolution', 'Turnpike' 'Red Knight'



Crop	Growing Season	Planting Method	Spacing	Varieties
Potato (Irish)	Spring, Summer, Fall	DS	10-12 inches	'Chieftain', 'Salem' 'Russet Norkotah', 'Yukon Gold'
Pumpkin	Summer, Fall	DS or TRP	36 in.	'Gladiator' 'Cronus' 'Solid Gold'
Radish	Spring, Fall	DS	2 inches	'Cherriette' 'Rover'
Shallots	Spring, Fall	DS	2 inches	'Camelot'
Spinach	Spring, Fall, Winter	DS or TRP	2-6 inches	'Space' 'Abundant Bloomsdale' 'Regiment'
Sweet Corn	Summer-Fall	DS or TRP	4-6 inches	'Montauk' 'Providence' 'Serendipity'
Sweet Potatoes	Summer	TRP	12 inches	'Beauregard', 'Burgundy'
Summer Squash	Spring-Summer	TRP or DS	24 inches	'Tigress' 'Spineless Perfection'
Tomato	Summer-Fall	TRP	24-36 inches	'Big Beef' 'Scarlet Red'
Turnips	Spring, Summer, Fall	DS	2-4 inches	'Hakurei'
Watermelon	Summer	TRP	36 inches	'Crimson Sweet' 'SS7187'
Winter Squash	Summer, Fall	DS or TRP	36 inches	'Waltham Butternut' 'Sunshine'

²This table is intended for reference. Planting dates will vary within the state Seeded transplanting is recommended for early harvest.

yTRP=Transplant; DS=Direct



Table 2. Relative planting and harvest schedule for high tunnel vegetable crops in West Virginia ^z.

Crop	Staggered Planting	High Tunnel Planting	High Tunnel Harvest	
Arugula	2-3 weeks	Year-round	Year-round	
Beet	2 weeks	February-April August- September 15	October-May	
Bean (snap and half-runner)	2-4 weeks	April-August	June-October	
Broccoli	4 weeks	March-August	May-June; October-November	
Broccoli (Winter)	4 weeks	October-November	March-May	
Cabbage (green)	4 weeks	March 15-May15; August- early Oct.	FebDec.	
Cabbage (Chinese)	2-4 weeks	February1-April 15 August-September	April-June; October- December 25	
Cantaloupe	4 weeks	April-July	June-October	
Carrot	4 weeks	February 15-April 15 August-October	Full-season	
Cauliflower	4 weeks	March 15-April 15 May-June Octob August December 10		
Celery	4 weeks	March-April	October-December	
Chard (Swiss)	4 weeks	Year-round	Year-round	
Collards	2 weeks	March 15 August- October	May-June October-February	
Corn (sweet)	2 weeks	n/a	n/a	
Cucumber	4 weeks	April 10-September 1	May-October (Nov.)	
Eggplant	8 weeks	April 15-August 15	July-October 10	
Garlic	-	October-November	June-August	
Kale	4 -6 weeks	February-April 15 August- April-June September-Ja October 15		
Kohlrabi	4 weeks	March 30-August 15 October-December		
Komatsuna	4 weeks	Year-round Year-round		



Crop	Staggered Planting	High Tunnel Planting	High Tunnel Harvest
Leeks	4-8 weeks	February 15-November 1	Year-round
Lettuce	10 days-4 weeks	February 1-October 1	Year-round
Onions (green)	2-4 weeks	February-November	April-November
Onions (bulb)	4 weeks	February-May; November	April-June
Pac Choi	2 weeks	February 14-October 14	March 30-November 30
Potatoes	-	February 14-March 1	May
Radish	4 weeks	January 20-May 31	March-July
Shallots	4 weeks	October; March-April	June-November
Spinach	2-4 weeks	August-April	October-June
Tomato (slicer)	4 weeks	March 30-June 15	June-November
Tomato	4 weeks	March 30-June 15	June-December1
(cherry/grape)			
Tomato (heirloom)	4 weeks	March 30-June 15	June-November
Turnip	4 weeks	January 20-May 1 August-	March-July
		October	



Table 3. Relative planting and harvest schedule for high tunnel fruit crops in West Virginia^z

Small Fruits				
Стор	Planting	Field Harvest	High Tunnel Harvest	
Strawberry	April/August	May 20-June 20	April 20-June 10 September-Nov.	
Blackberry	April	August- October	August-November	
Grapes	March-April	July-October	?	
Blueberry	April/August	July-August	-	
Raspberry (black)	March-April	June	Primocane-late summer/fall-	
Raspberry (red or yellow)	March-April	July-October	November	

Lewis W. Jett, West Virginia University, G215 Agriculture Building, Morgantown, WV 26506



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