

Winter Storage Crops

- Beets
 - Red, Golden, Chioggia
- Carrots
 - Yellow Pak, Purple Haze, Bolero
- Radishes
 - Rover
- Potatoes
 - Yukons, Russet, Red Norland

- Hakurei Turnips
- Garlic
 - Music
- Onions - Pontiac
- Leeks
 - Lexton
- Winter Squash

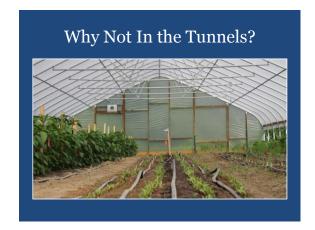
 Acorn, Butternut,
 Delicata



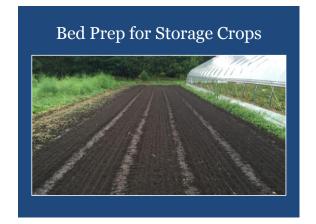












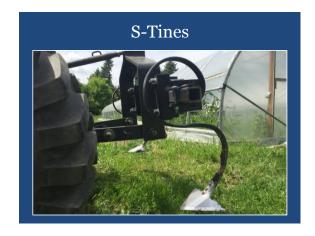


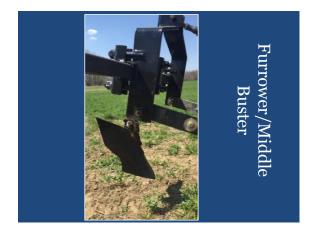




CROP	LATEST SEED DATE	EARTHWAY PLATE	# of Rows in 30 inch Bed*	HARVEST DATE
BEETS	8/1-8/15	Beet Every Other	2	10/1-10/15
CARROTS	7/15-8/1	Carrot Every Other	2	10/1-10/15
РОТАТО	5/1	N/A	1	8/15-10/15
RADISH	9/20	Radish	4	10/30
HAKUREI	9/15	Close Brassica	3	10/30











Storage Temperatures and Humidity for Long-Term Crop Storage

- Low temperature (32F), low humidity (<50%)

 - Onions, shallots, garlic
 Can be stored with cool temp and low temp/humidity not available
- Low temp, high humidity (90%)
- Carrots, beets, turnips, rutabagas, leeks
 Cold temp (35-45F), high humidity Potatoes, cabbage
- Cool temp (50-60F), low humidity (<50%)
 - Winter squash, sweet potatoes
- Often find a balance unless multiple coolers
 - (35-45F and higher humidity)



Beets in Wood Shavings







Potatoes in Bulb Crates



Cabbage (too much moisture)



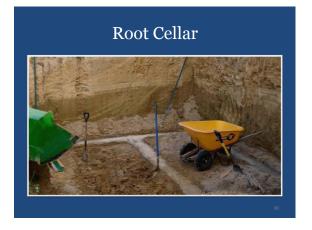


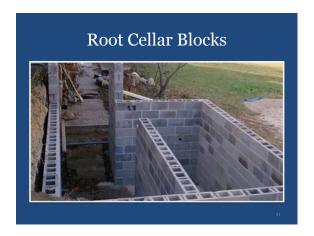




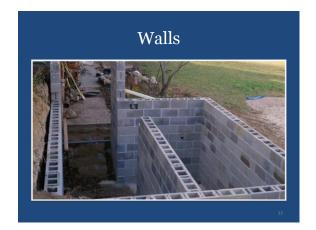


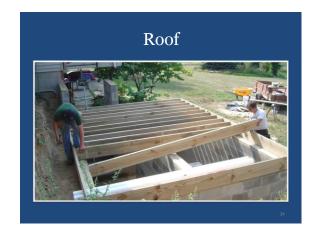












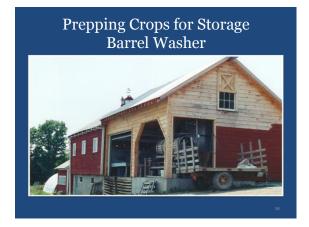


Root Cellar – Upper Midwest

- Winter conditions
 - − ~4oF in temperate climates
 - High humidity (~80%)
- Summer conditions
 - -~60-65F
 - Low humidity

Storing Root Crops

- Store unwashed
- Remove greens for longer term storage
- If greens remain on (short term), store in plastic bags or covered containers (+humidity)









Additional Considerations

- Provide customers with storage recommendations
- Long-term storage for fall harvested leafy greens
- Spring storage if production space is limited



CROP	YIELDS CT	YIELD LBS	WHOLESALE PRICE/LB	GROSS SALES	NET
BEETS	2400 4/ft	960 0.4 lbs each	\$1.30	\$1,250	\$1,135
CARROTS	4800 8/ft	960 0.2 lbs each	\$1.60	\$1,500	\$1,335
POTATO	N/A	240 8lbs/1 lb	\$1.60	\$385	\$325
RADISH	12,000 10/ft	1,200 10/lb	\$1.75	\$2,100	\$1,900
HAKUREI	4500 5/ft	900 5/lb	\$1.60	\$1,440	\$1,306





CROP	TP DATE	# of Rows in 30 inch Bed*	HARVEST DATE
GARLIC	N/A	2	7/15
ONIONS	4/15-5/1	2	10/1-10/15
LEEKS	4/15-5/1	2 1 for hilling?	8/15-10/15
SHALLOTS	4/15-5/1	2 Cluster Plant	10/30
WINTER SQUASH	6/1	1 Rows 8 Feet Apart	10/30



