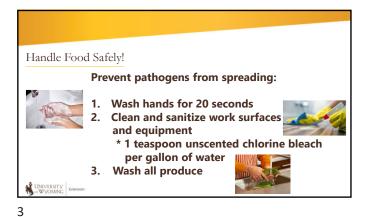




# 2

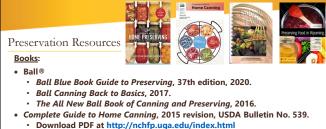


# Successful Preserving 1. Use good equipment made for home preservation. 2. Use good equipment made for home preservation.

- Use research-tested recipes published *after* 2014!
- 3. Follow guidelines for preparation, jar size, preserving method, and processing time.

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So Easy to Preserve, 6th Edition, 2020. University of Georgia Cooperative Extension.

• Preserving Food in Wyoming, 2018. University of Wyoming Extension.

# Preservation Resources Continued

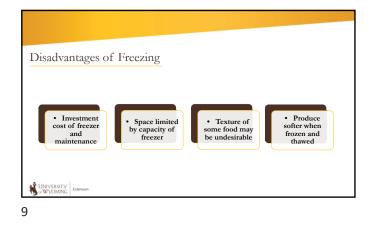
### Websites:

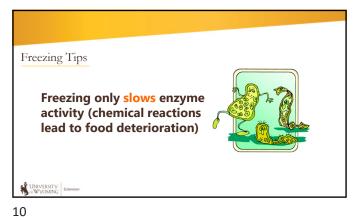
- Ball at <u>http://www.freshpreserving.com</u>
- National Center for Home Food Preservation at <a href="http://www.uga.edu/nchfp">http://www.uga.edu/nchfp</a>
   University of Wyoming Extension Nutrition & Food Safety Website at <a href="https://wwyoextension.org/uwnutrition/category/food-preservation">https://www.uga.edu/nchfp</a>
   Iniversity of Wyoming Extension Nutrition & Food Safety Website at <a href="https://wwyoextension.org/uwnutrition/category/food-preservation">https://www.uga.edu/nchfp</a>
   University of Wyoming Extension Nutrition & Food Safety Website at <a href="https://wwyoextension.org/uwnutrition/category/food-preservation">https://www.uga.edu/nchfp</a>
- University of Wyoming Extension Nutrition & Food Safety Facebook page videos at <a href="https://www.facebook.com/UWEnutrition">https://www.facebook.com/UWEnutrition</a>

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Freezing Effect on Spices and Seasonings

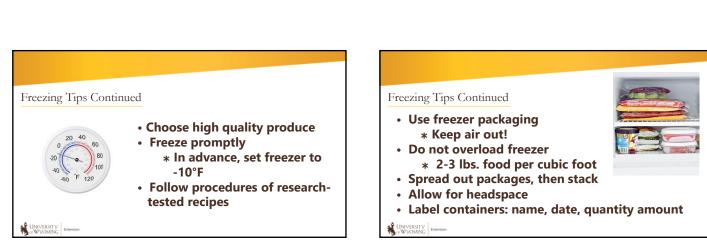
- Pepper, clove, garlic, green pepper, some herbs get strong and bitter
- Onion and paprika change flavor
- Celery seasonings become stronger
- Salt loses flavor; may increase rancidity if fat is present in item
- Add additional seasoning when reheat/serve

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Freezing Tips Freezing Tips Continued Prevent discoloration Most vegetables blanched \* scalding vegetables in boiling Treat fruits with water or steam for a short time - ascorbic acid (vit C), \* Time: 10 seconds to 11 min - citric acid powder, or Underblanching stimulates the activity of - lemon juice enzymes and is worse than no blanching! Stop cooking with ice water bath UNIVERSITY or WYOMING Extension UNIVERSITY or WYOMING Exten

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Length of Storage		
and the second s	Food Approximate months of	Approximate months of storage at 0°F
	Fruits and Vegetables	8 - 12
	Poultry	6 - 9
	Fish	3 - 6
	Ground Meat	3 - 4
	Cured or Processed Mea	t 1 - 2
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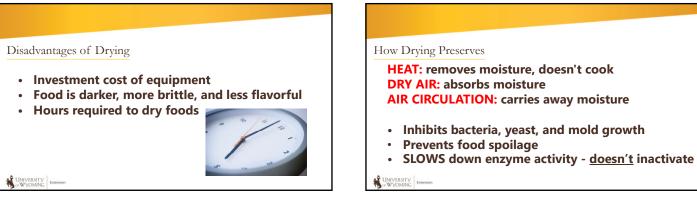
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### Advantages of Drying

- Many foods can be dried
- Store more food in less space • Better flavor and retains nutritional quality
- Simple and easy
- Use dehydrator, oven, microwave, or air

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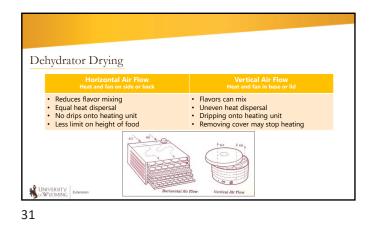


Drying Methods Indoor Air Microwave Oven Dehydrator



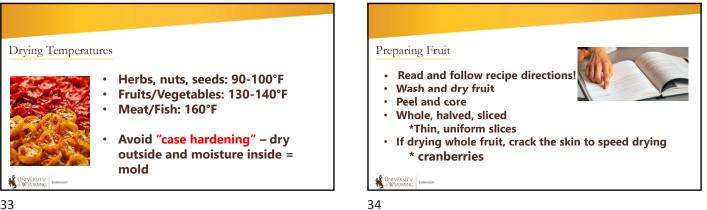




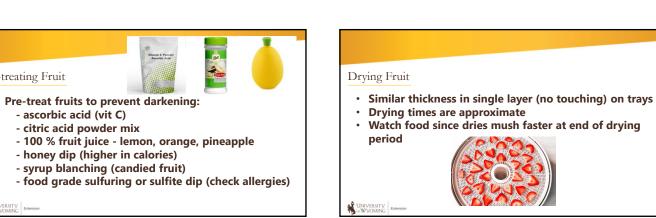


ehydrator Drying Continued	
Do	Don't
High wattage heater     Strong fan     Enclosed thermostat     Temperature dial from 85-160°F     Auto shut-off timer     UL seal of approval     Guarantee     Jerky: Excalibur and Gardenmaster	<ul> <li>Single wall construction</li> <li>Exposed heating element</li> <li>Clear plastic lids or trays</li> <li>Overload</li> </ul>





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Pre-treating Fruit

## Determine Fruit Dryness



- Drv until SOFT/PLIABLE. not sticky/tacky (20% moisture)
- Test for dryness by cutting several cooled pieces in half
  - \* No visible moisture
  - \* No moisture squeezed from fruit
  - \* A piece folded in half *doesn't* stick together
- UNIVERSITY Berries rattle when shaken

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#### Dried Fruit Pasteurization Sun dried fruits and vine dried beans: kill insects and their eggs FREEZER METHOD: OVEN METHOD: Freeze food in freezer containers Place food in single layer on tray. Place in 160°F preheated oven at 0°F for at least 48 hours. for 30 minutes

#### After either of these treatments, the dried fruits are ready to be conditioned and stored

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#### **Condition Fruits**

- CONDITION fruits to distribute and equalize moisture to reduce risk of mold growth
  - \* Pack fruit loose in plastic or glass jar, seal, and let stand 1 week or up to 10 days
  - \* Shake jars daily to separate pieces
  - \* If condensation appears, place fruit back in the dehydrator

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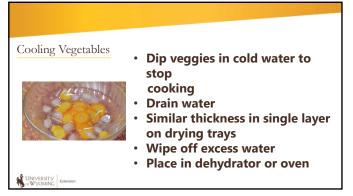


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# Less nutrient loss

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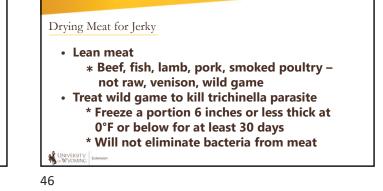


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Try vegetable leathers (pumpkin, tomato, mixed Leathers/Rolls veggie, etc.) Puree produce Pour 1/8-inch thick on tray • Dry when no indention in center of leather When warm, peel up and roll, cool, wrap in plastic Keep one month or freeze Add spices, flavorings, and other additions (coconut, nuts, granola, seeds, etc.) UNIVERSITY or WYOMING Extension







### Storing Jerky

- Room temp for 2 weeks in sealed container
- Check for weeping discard if evident
  - \* Moisture or fat on surface of jerky
- Increase shelf life by:
  - \* Refrigeration
  - \* Freezing

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#### Drying Tips

- Very light oil spray on tray to prevent sticking
- Uniform size pieces in single layer
- Use proper temp and time
- Follow directions for drying method
- Test for dryness
- Pack and store as recommended cool, dark spot
- For best quality use within 6 month to 1 year
- If mold, discard food!

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