



Choosing Carrots

A Guide to Varieties You Will Dig





WELCOME

Chat questions will be collected for Q&A throughout the presentation.

Please submit questions before we begin the Q&A. Once Q&A begins, we may not see new questions.

All audience chat messages are private.

Today's Presenters



Brenna Chase



Daniel Yoder

How We Trial Carrots for Our Catalog

- Field conditions
- Planting Timing
- Successions
- Jang Seeder
- Minimal Thinning & Watering
- No Foliar Sprays
- Digging Forks / Undercutter



Flame Weeding (pre-emergence)



Water Management



Carrot Trial Harvest



Root Evaluations



How to Navigate All the Information

1. Variety Name
2. Hybrid Status
3. Part Number
4. Days to Maturity
5. Disease Resistance
(when applicable)
6. Root Type
7. Variety Description
8. Organic Symbol
9. Pricing

1
2
3
6

Yaya (F1) 2681G

4 56 days. (Early Nantes)

5 **Nelson snacking type.** Similar to Nelson, with more uniform roots and plant vigor. The

7 5¹/₂–6¹/₂" roots have mild flavor and crisp, juicy texture with early sugar development. Strong, compact tops for bunching. **OG**

8

9 PKT \$5.75; 5M @ \$3.54/M; 25M @ \$2.34/M; 100M @ \$2.09/M; 500M @ \$1.98/M.

Key Traits: Root Performance

What Are They?

1. Smoothness
2. Uniformity
3. Tip Fill
4. Color
5. Lateral Scars
6. Forking/Splitting
7. Green Shoulder
8. Crown pinching



Key Traits: Root Performance

How Stable Are They?

1. Planting Density
2. Compaction
3. Weeds
4. Water Stresses
5. Temperature Stresses
6. Fertility

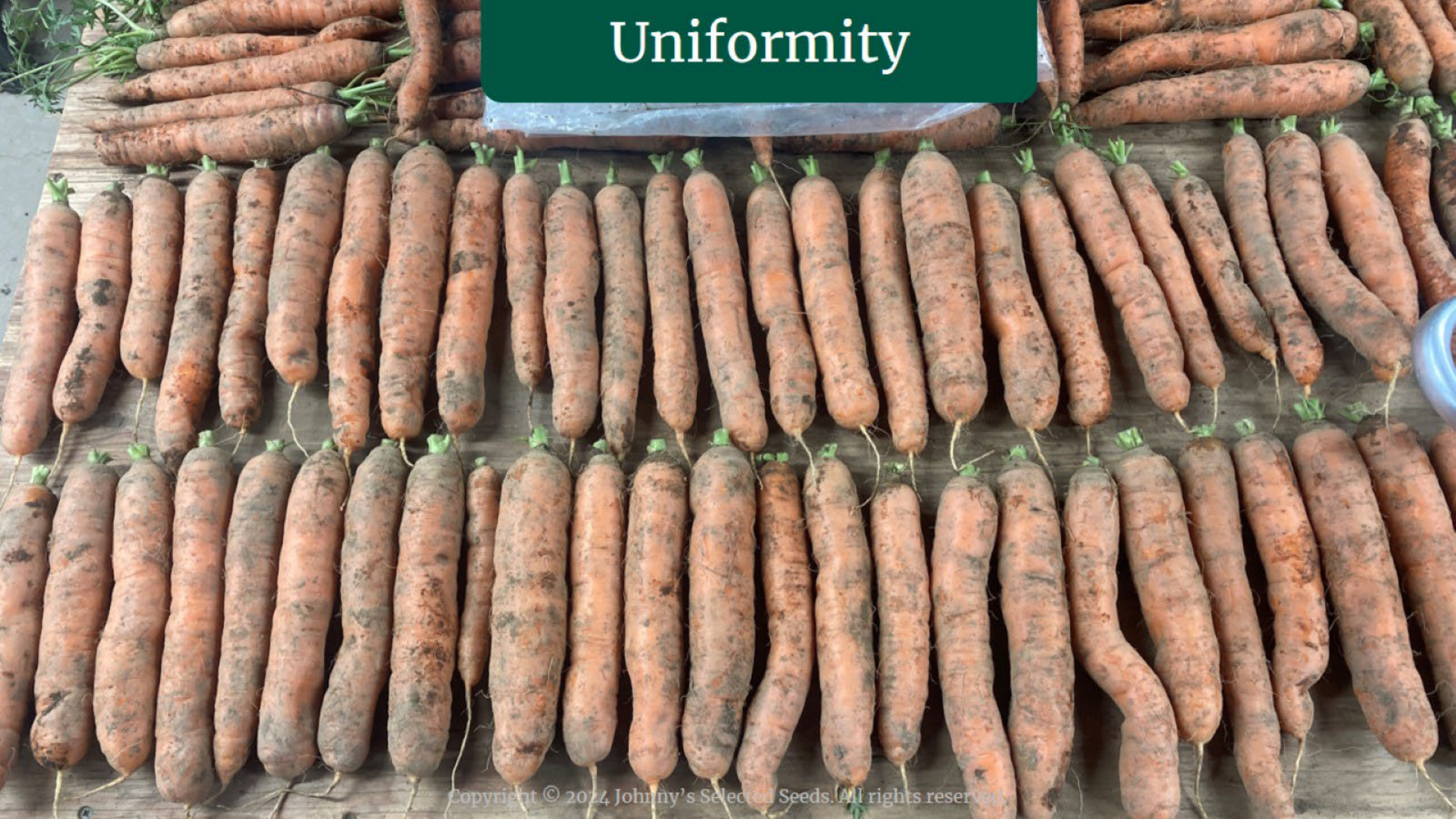


Root Traits Start Early

Yaya Type



Uniformity



Internal Color & Core



Root Appearance



Lateral Scars



Forking/Curving/Splitting



Key Traits: Top Performance

- Overall Size
- Uprightness
- Vigor
- Health
- Attachment
- Bolting



Size & Vigor

Romance

Yaya

Hercules Type



Crown Attachment



Foliar Health



Bolting 8-10%



Carrot Flavor

- Sugars and Terpenoids
- Developmental Factors
 - Health, Stress, Time
- Texture vs. Flavor



Maturity

- Speed of growth
- Field-holding
- Changes in root qualities
 - Shape/Size
 - Flavor
 - Smoothness



Mokum

Adelaide

Carrot Storage

- In field vs cooler system
- Harvest timing
- Storage conditions
- Dormancy indicators
- Flavor in storage



Storage Trial Setup



Storage Trial in April



Colored Carrots: Yellow & White



Yellowstone

- Deep color
- Range of colors/shapes
- Vigorous
- Large, healthy tops



Yellowbunch

- Deep color
- Strong, compact tops
- Healthy tops
- Improved storability
- Less green shoulder



Gold Nugget

- Dark color
- Compact tops
- Bunching
- Fast growing
- All-season



Yellow Moon

- Bright color
- All-purpose tops
- Strong bolting tolerance
- Strong foliar resistances



White Satin

- Compact tops
- Very fast growth
- Large root size
- Nice crisp texture
- Classic green shoulder

Colored Carrots: White Satin



Colored Carrots: Yellows



Yellowbunch

Photo courtesy of Nunhems/BASF



Gold Nugget



Yellowstone

Colored Carrots: Purple & Red



Purple Star

- Medium purple
- Internal orange with yellow core
- Fast bulking
- Nice crisp texture
- Vigorous
- High uniformity



Purple Elite

- Medium purple
- Internal purple with yellow or orange core
- Strong, large tops
- Healthy tops
- Improved storability



Deep Purple

- Very dark color
- Internal purple with purple or white core
- Medium tops
- Juicing/Dyes
- Excellent storage



Dragon

- Vibrant magenta
- Surprise color inside
- Vigorous tops
- Unique flavor
- Smooth, bulky roots



Rubypak

- Medium to dark red with red core
- Compact tops
- Very strong bolting tolerance
- Small core with good color
- Good dormancy

Colored Carrots: Purple Star



Colored Carrots: Purples

Purple Elite



Deep Purple



Photo courtesy of Nunhems/BASF

Colored Carrots: Purples

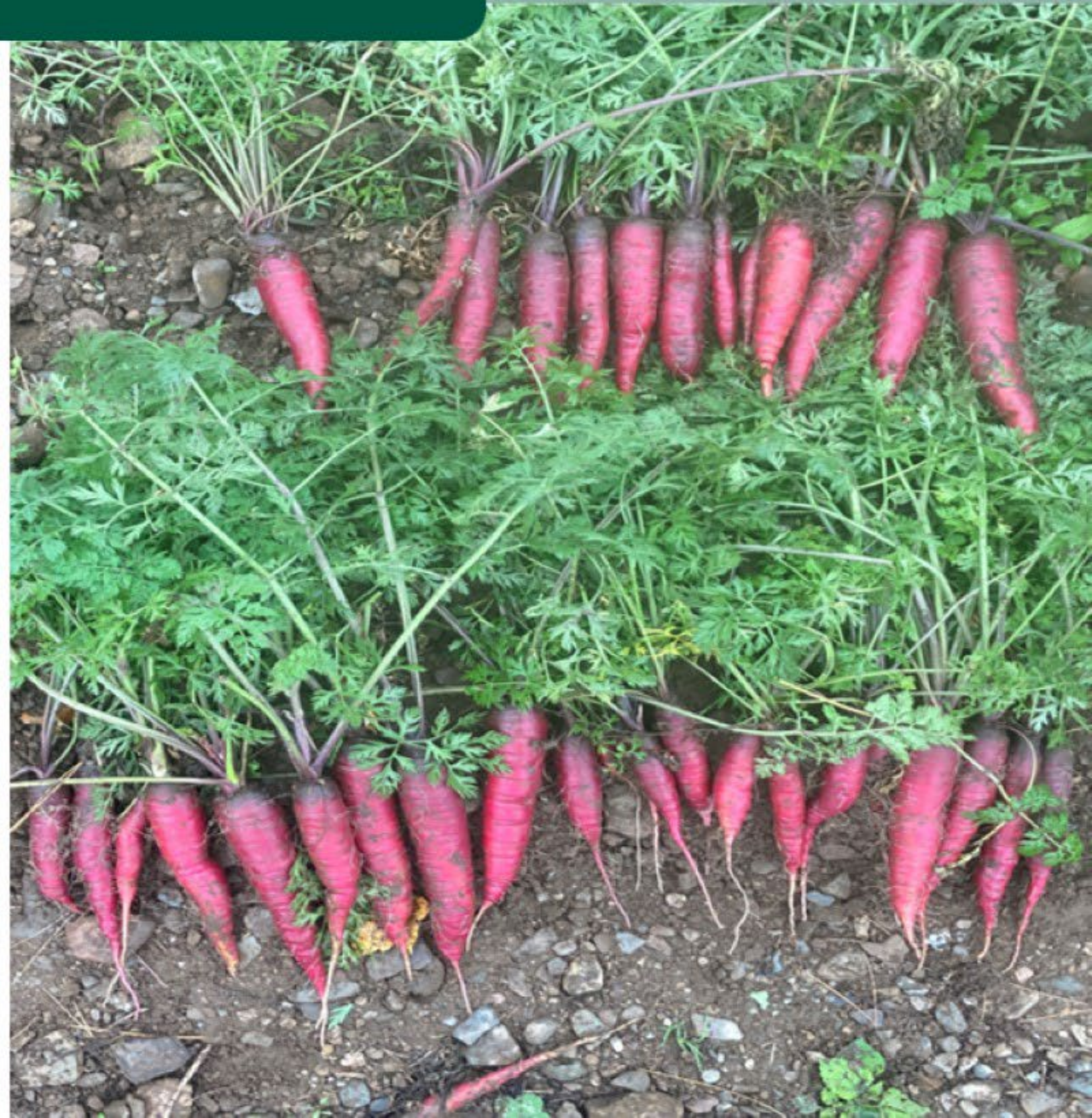


Purple Elite



Deep Purple

Colored Carrots: Dragon



Dragon's Internal Colors



Colored Carrots: Rubypak



Rubypak

Another Red



Rubypak. Photo courtesy of Nunhems/BASF

Colored Carrots: Mixes



Rainbow

- One variety
- High uniformity
- Early maturity
- Unique colors



Glow Stix Sunrise

- Compact tops
- Bunching
- Fast growing
- All-season



Glow Stix Moonrise

- Larger, stronger tops
- Mechanical harvest
- Intense colors
- Improved storage

Colored Carrots: Glow Stix Sunrise



Colored Carrots: Glow Stix Moonrise



Dig Deeper: Carrot Resources

Our Carrot Varieties

<https://www.johnnyseeds.com/vegetables/carrots/>

Carrot Key Growing Information

<https://www.johnnyseeds.com/growers-library/vegetables/carrots/carrots-key-growing-information.html>

Pelleted Carrots Key Growing Information

<https://www.johnnyseeds.com/growers-library/vegetables/carrots/pelleted-carrots-key-growing-information.html>

Carrot Bed Preparation

<https://www.johnnyseeds.com/growers-library/vegetables/carrots/carrot-bed-preparation-spacing-weeding-watering.html>

Carrot Pests & Diseases

<https://www.johnnyseeds.com/growers-library/vegetables/carrots/carrot-pests-diseases.html>

Carrot Season Extension

<https://www.johnnyseeds.com/growers-library/vegetables/carrots/carrot-season-extension.html>

Multicolored Carrots

<https://www.johnnyseeds.com/growers-library/vegetables/carrots/carrots-multicolor-rainbow-flavor-quality.html>

Carrot Harvesting, Handling, & Storage

<https://www.johnnyseeds.com/growers-library/vegetables/carrots/carrot-harvest-handling-storage.html>



THANK YOU

We hope you enjoyed this presentation!

Johnnyseeds.com/webinars

