

Choosing Carrots

A Guide to Varieties You Will Dig

Hensley's SEED CO. – DENVER · COLORADO –

Copyright © 2022 Johnny's Selected Seeds. All rights reserved.



Copyright © 2022 Johnny's Selected Seeds. All rights reserved.

Today's Presenters



Brenna Chase



Daniel Yoder

Copyright © 2022 Johnny's Selected Seeds. All rights reserved.

How We Trial Carrots for Our Catalog

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



Copyright © 2024 Hensley's Seed Co. All rights reserved

Flame Weeding (pre-emergence)







Copyright © 2024 Hensley's Seed Co. All rights reserved

Water Management





Copyright © 2024 Hensley's Seed Co. All rights reserved

Carrot Trial Harvest





Copyright © 2024 Hensley's Seed Co. All rights reserved

Root Evaluations

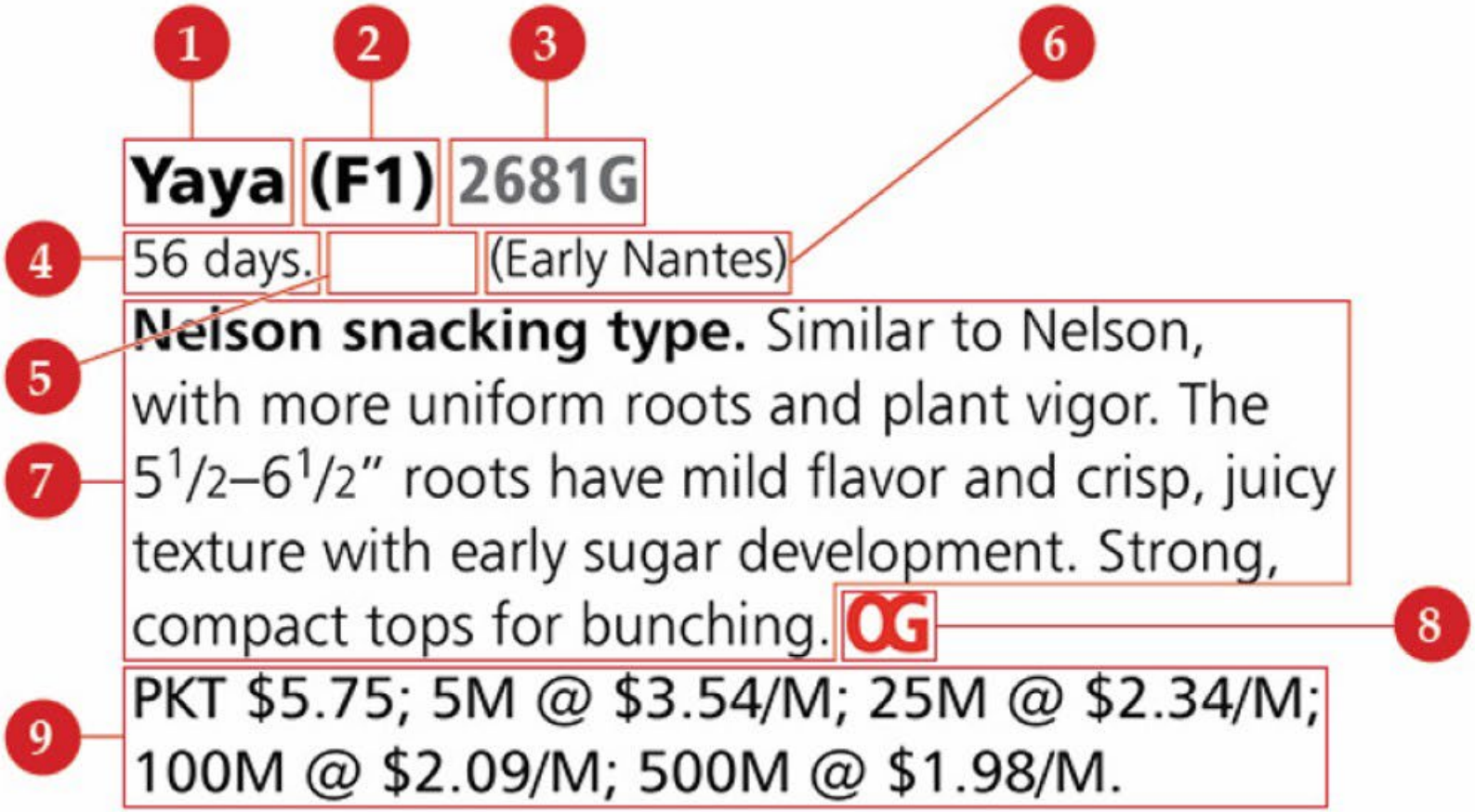




Copyright © 2024 Hensley's Seed Co. All rights reserved

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



Copyright © 2024 Hensley's Seed Co. All rights reserved

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



Copyright © 2024 Hensley's Seed Co. All rights reserved

Key Traits: Root Performance

How Stable Are They?

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



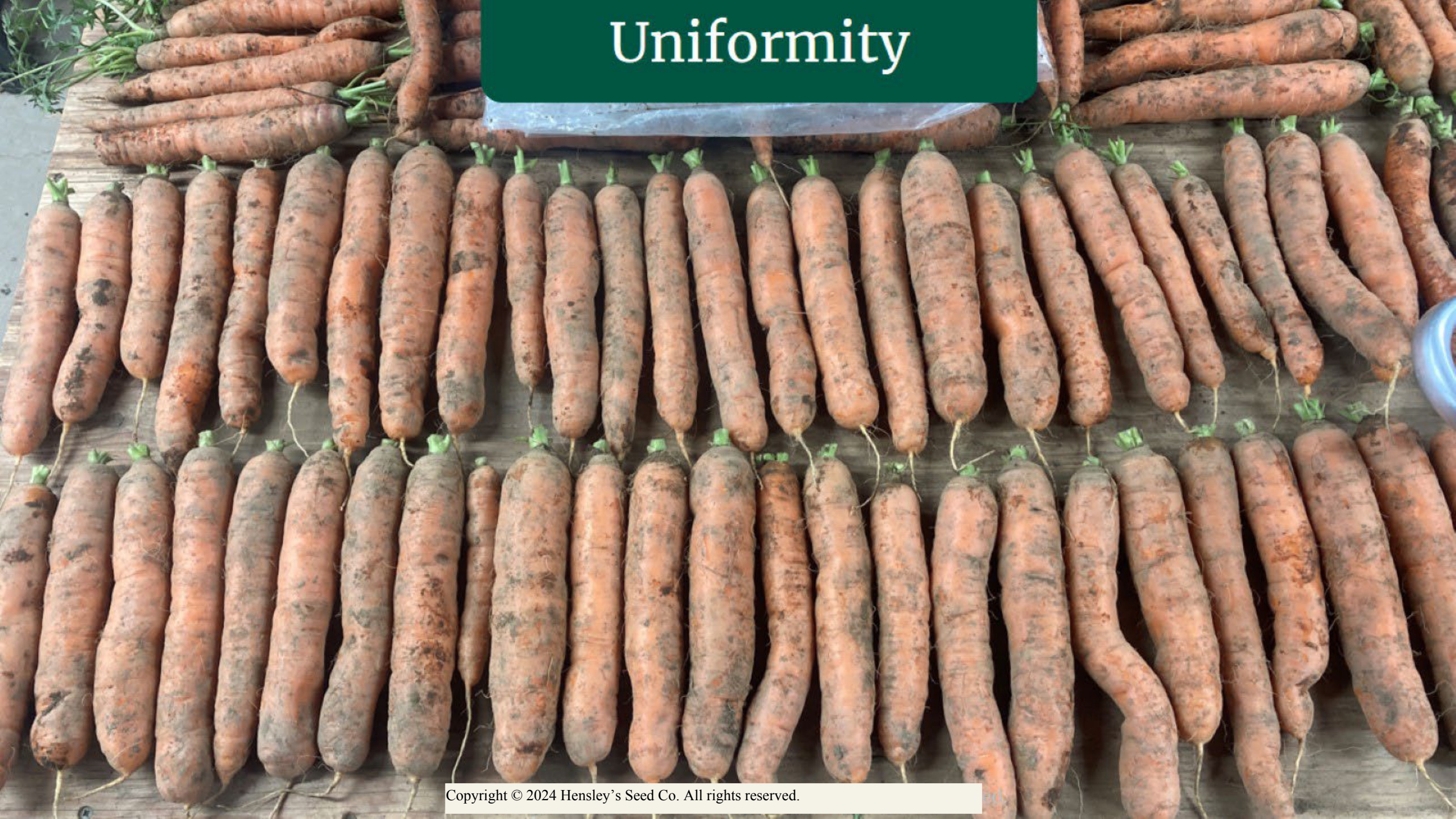
Copyright © 2024 Hensley's Seed Co. All rights reserved

Root Traits Start Early





Copyright © 2024 Hensley's Seed Co. All rights reserved



Copyright © 2024 Hensley’s Seed Co. All rights reserved.

Internal Color & Core





Copyright © 2024 Hensley's Seed Co. All rights reserved

Root Appearance





Copyright © 2024 Hensley's Seed Co. All rights reserved

Lateral Scars



Copyright © 2024 Hensley’s Seed Co. All rights reserved

Forking/Curving/Splitting







Copyright © 2024 Hensley's Seed Co. All rights reserved

Key Traits: Top Performance

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



Copyright © 2024 Hensley's Seed Co. All rights reserved

Size & Vigor



Copyright © 2024 Hensley's Seed Co. All rights reserved

Crown Attachment



Copyright © 2024 Hensley's Seed Co. All rights reserved

Foliar Health



Copyright © 2024 Hensley's Seed Co. All rights reserved

Bolting 8-10%



Copyright © 2024 Hensley's Seed Co. All rights reserved

Carrot Flavor

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



Copyright © 2024 Hensley's Seed Co. All rights reserved

Maturity

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



Copyright © 2024 Hensley's Seed Co. All rights reserved

Carrot Storage

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



Copyright © 2024 Hensley’s Seed Co. All rights reserved

Storage Trial Setup





Storage Trial in April





Copyright © 2024 Hensley's Seed Co. All rights reserved

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



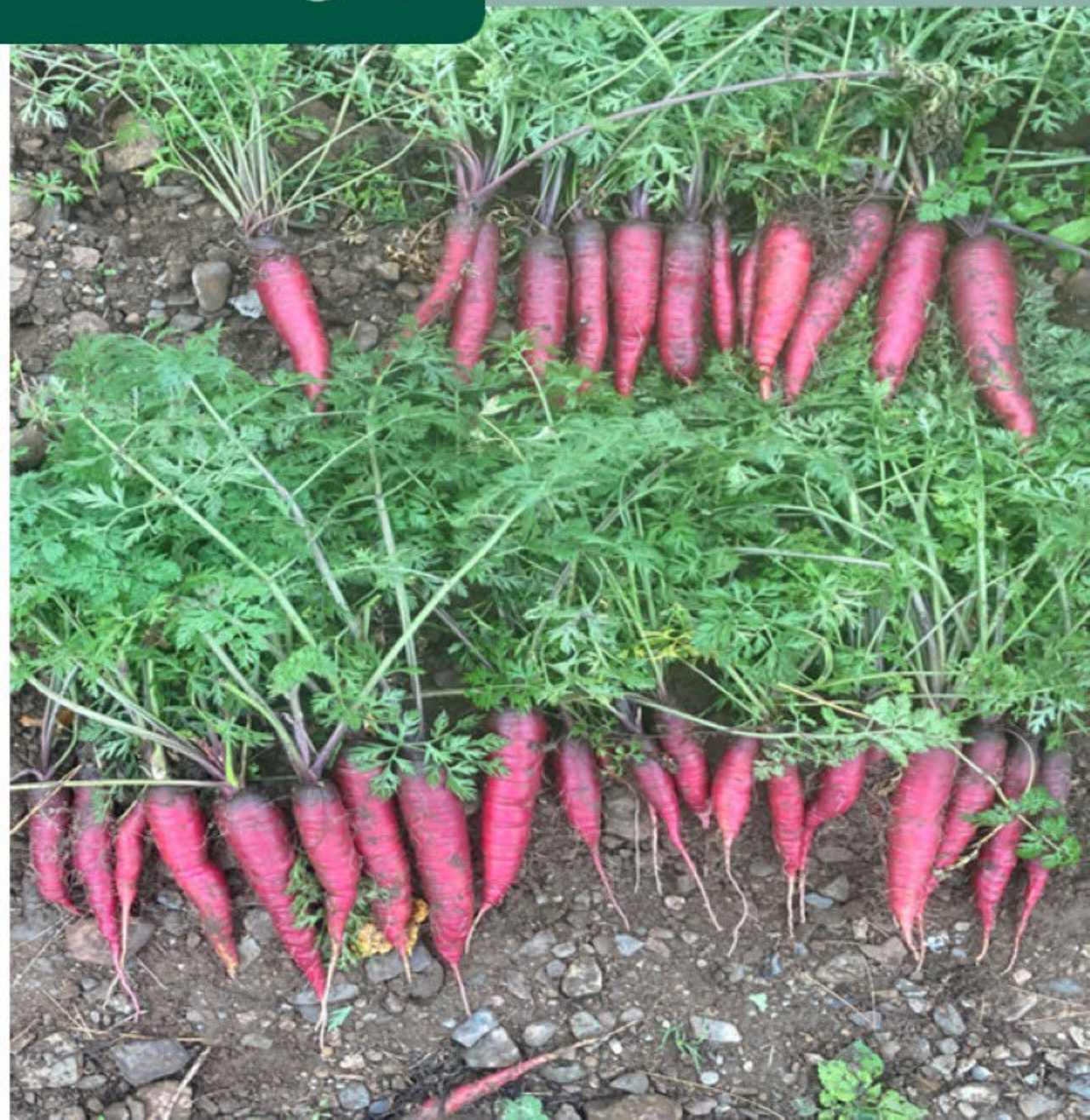
Purple Elite



Deep Purple

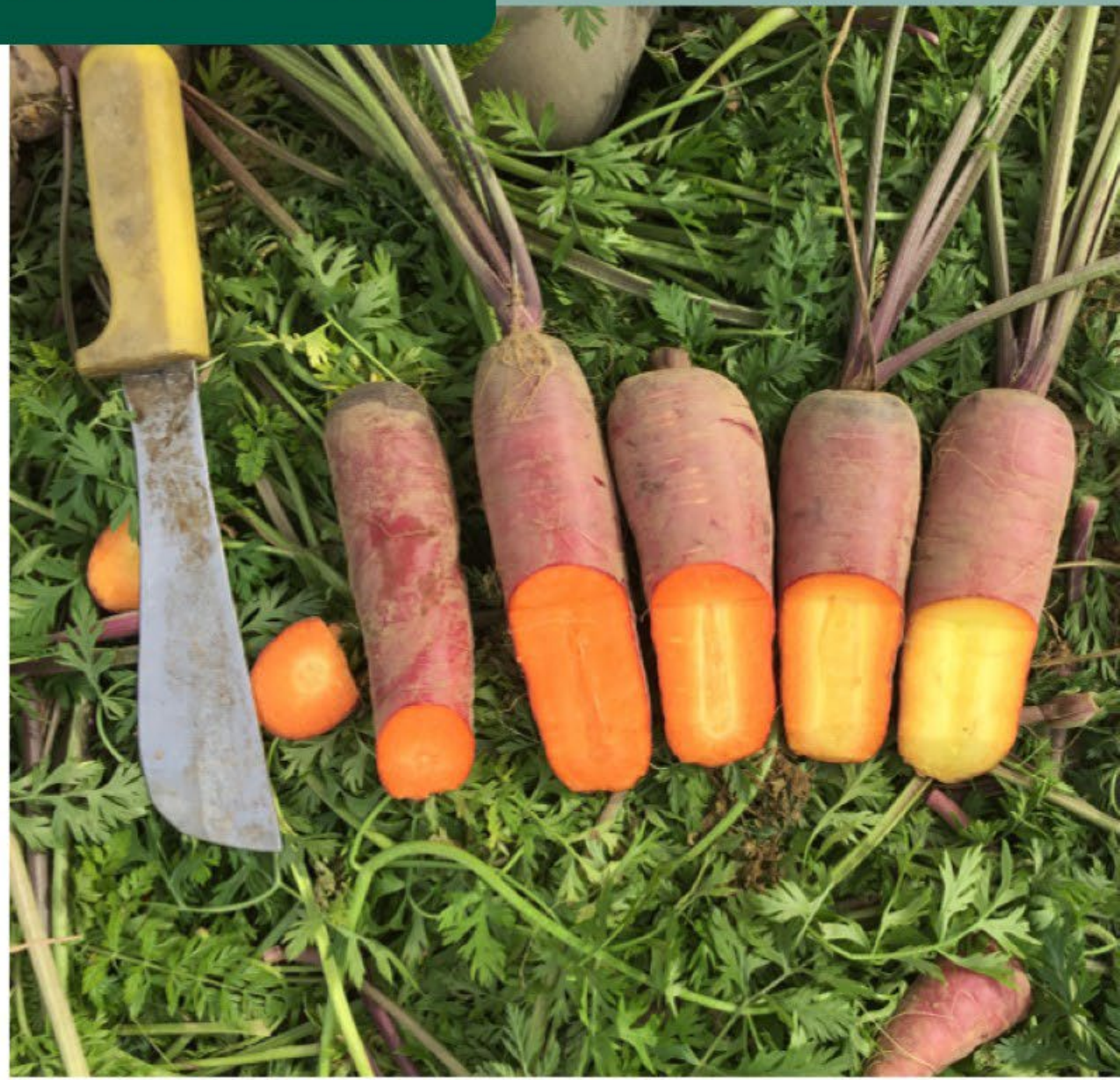
Colored Carrots: Dragon





Dragon's Internal Colors





Copyright © 2024 Hensley's Seed Co. All rights reserved

Colored Carrots: Rubypak





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

Copyright © 2024 Hensley's Seed Co. All rights reserved

Colored Carrots: Glow Stix Sunrise



Copyright © 2024 Hensley's Seed Co. All rights reserved.

Colored Carrots: Glow Stix Moonrise





Copyright © 2024 Hensley's Seed Co. All rights reserved.



Dig Deeper: Carrot Resources

Our Carrot Varieties
View carrot varieties

Carrot Key Growing Information
View growing resource

Pelleted Carrots Key Growing Information
View growing resource

Carrot Bed Preparation
View growing resource

Carrot Pests & Diseases
View growing resource

Carrot Season Extension
View growing resource

Multicolored Carrots
View growing resource

Carrot Harvesting, Handling, & Storage
View growing resource


THANK YOU
We hope you enjoyed this presentation!
hensleyseeds.com
Hensley's
SEED CO.
DENVER · COLORADO