

# 2016 Carrot Variety Trial Results

A photograph showing four people working in a field of tall green grass and carrots. They are harvesting carrots and placing them into green plastic crates. The background shows a line of trees under a cloudy sky.

Crystal Stewart  
Eastern NY Commercial Horticulture Program  
NYS Fruit and Vegetable EXPO  
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# Topics for today

What makes a good carrot?

Trial overview

Report on variety information

Next steps







What  
makes  
a good  
carrot?



# Trial Background

Location: Hudson Valley Farm Hub

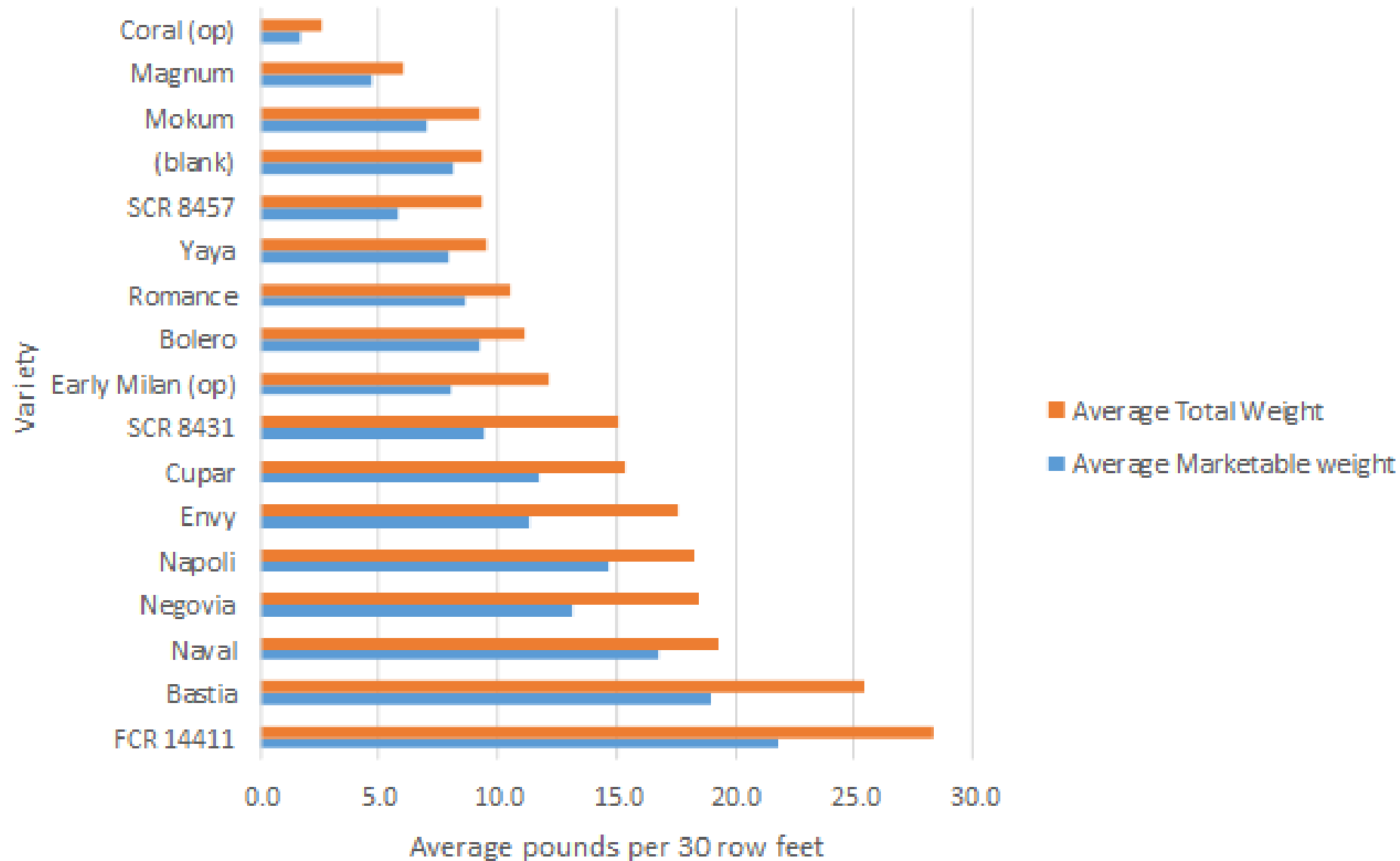
Ridge cultivation, non-irrigated

Planted June 9<sup>th</sup>

Harvested September 19<sup>th</sup>

Planted with a Jang seeder, unpelleted seed

# Total and Marketable Yield per Thirty Row Feet



# FCR 14411 (Sakata)

65.6 lbs marketable weight in 90 feet

85% of all roots were marketable

Flavor: Good (and still good)

Alternaria: 50-60% of leaves had lesions



# Bastia

57.0 lbs marketable weight in 90 feet

74% of all roots were marketable

Alternaria: 35-40% of leaves had lesions, 5% also had powdery mildew



# Naval

- 50.5 lbs marketable weight in 90 feet
- 88% of all roots were marketable
- Alternaria: 30-40% of leaves had lesions, tops were short





# Negovia

- 39.4 lbs marketable weight in 90 feet
- 71% of all roots were marketable
- Alternaria: 50-60% of leaves had lesions



# Napoli

- 44.0 lbs marketable weight in 90 feet
- 79% of all roots were marketable
- Alternaria: 40% of leaves had lesions





# Envy

- 34.0 lbs marketable weight in 90 feet
- 63% of all roots were marketable
- Alternaria: 50% of leaves had lesions. Tops were shorter



# Cupar

- 35.2 lbs marketable weight in 90 feet
- 76% of all roots were marketable
- Alternaria: 40% of leaves had lesions.  
Vigorous, strong tops





# SCR-8431

- 11.7 lbs marketable weight in 60 feet
- 63% of all roots were marketable
- Alternaria: 30-40% of leaves had lesions.  
Weak, wispy tops



# Early Milan (OP)

- 24.1 lbs marketable weight in 90 feet
- 65% of all roots were marketable
- Alternaria: 60% of leaves had lesions.



Early Milan (OP) 387 24.1 564 12.25 36.35 659



# Bolero

- 27.7 lbs marketable weight in 90 feet
- 83% of all roots were marketable
- Alternaria: 10% of leaves had lesions.  
Vigorous, tall tops



# YAYA

- 15.85 lbs marketable weight in 90 feet
- 81% of all roots were marketable
- Flavor: Good (not as sweet as Nelson)
- Alternaria: 60% of leaves had lesions





# Magnum

- 14.15 lbs marketable weight in 90 feet
- 80% of all roots were marketable
- Taste: pleasant
- Alternaria: 60% of leaves had lesions



# Romance

- 25.85 lbs marketable weight in 90 feet
- 82% of all roots were marketable
- Alternaria: 60% of leaves had lesions



# Coral (OP)

- 3.4 lbs marketable weight in 90 feet
- 64% of all roots were marketable
- Flavor: great
- Alternaria: 20% of leaves had lesions





# SCR 8457

- 103.05 lbs marketable weight in 90 feet
- 69% of all roots were marketable
- Flavor: best rated flavor by our taste testers
- Alternaria: 20% of leaves had lesions



# Mokum

- 21.05 lbs marketable weight in 90 feet
- 76% of all roots were marketable
- Alternaria: 70% of leaves had lesions

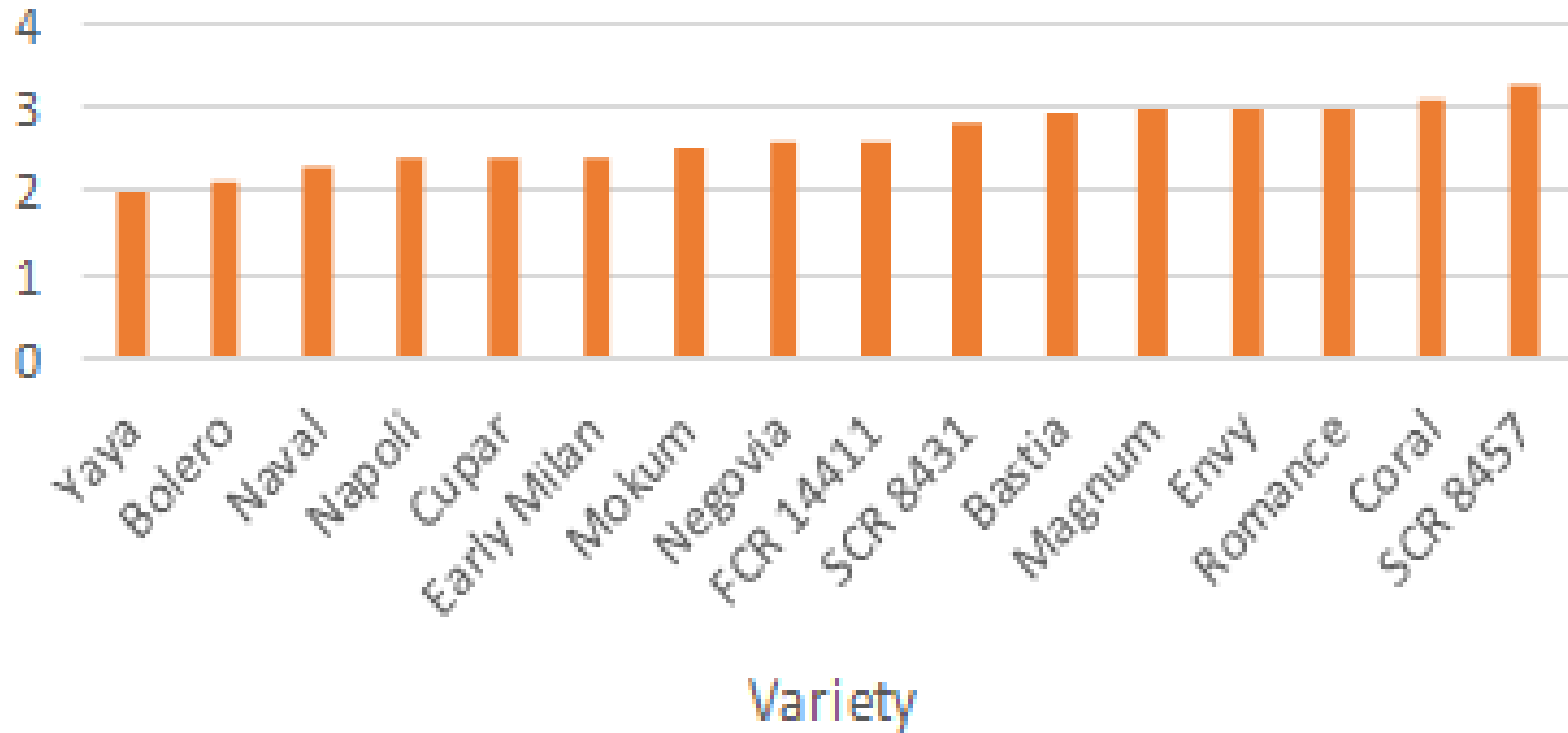








Table 2: Carrots sorted by deliciousness



# Many thanks....

- To the seed companies who donated seed
  - Bejo
  - Fedco
  - Sakata
  - Stokes
- To the Hudson Valley Farm Hub for hosting
- To the helpers from CCE and the Hub who made harvest possible

