

# Strawberry Varieties

## Tried and True/New and Promising

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# Dozens of Great Varieties!

## ➤ June-bearing/short day varieties

- Standards
  - Jewel, Annapolis, AC Wendy, Clancy, Darselect, Cabot, Allstar
- Heirloom
  - Surecrop, Raritan, Sparkle, Earliglow, Ft. Laramie, Red Chief, Kent
- New varieties
  - Herriot, Record, Mayflower, Donna, Daroyal, AC Valley Sunset, Ovation, Flavorfest, Sonata, Rubicon, Malwina
- Plasticulture
  - Chandler, Galleta, Radiance, Festival, Ventana, Palomar

## ➤ Day neutral

- Standard
  - Tribute, Tristar, Seascape
- Newer/California plasticulture
  - Albion, Monterey, San Andreas, Portola, Aromas, Diamante

# Early Season Strawberries

- Earliglow-heirloom
- AC Wendy-standard
- Honeoye (late early)-standard
- L' Amour (late early)-standard
- Brunswick (late early)
- Itasca
- Northeaster
- Galleta-new for plastic

# AC Wendy

- Large early season fruit
  - Peak June 7
- Superior yields to Earliglow
- Later peak harvest
- Good flavor
- Uneven ripening and will darken when overripe
- Susceptible to verticillium
- Susceptible to leaf spot





# Honeoye

- Highly productive
  - Peak June 9
- Large, attractive, firm fruit
- Average to poor flavor especially w/ heavy soil
- Vigorous plants w/ many runners
- Susceptible to red stele and Verticillium
- Cornell-1979



# L'Amour

- Early mid-season
  - Peak June 14
- Large conical
- Bright red
- Firm good quality fruit
- Good flavor and texture
- Vigorous and disease resistant
- Some success in plastic
- Cornell-2003



# Mid-Season Strawberries

- Jewel-standard
- Darselect-standard
- Allstar-standard
- Mesabi
- Cavendish
- Donna-new
- Daroyal-new



# Jewel

- Most popular variety for matted row production
  - Peak June 16
- Large wedge shaped
- Great quality with good flavor and firmness
- Susceptible to red stele
- Sensitive to Sinbar
- Cornell-1985





# Darselect

- High yielding
  - Peak June 15
- Large, attractive fruit
- Somewhat soft
- Bright red
- Good flavor
- Susceptible to powdery mildew
- Possibly susceptible to cyclamen mites
- France-2001



# Allstar

- Late mid-season
- Solid yields
- Good disease resistance
- Good eating quality
- Light orange/red color major drawback



# Late Season Strawberries

- Cabot-standard
- Clancy-standard
- Ovation-new
- Seneca
- Winona
- Record-new
- AC Valley Sunset-new

# Clancy

- Large blocky fruit
  - Peak June 18
- Darker red
- Good flavor and texture
- Firm good quality fruit
- Moderate yield
- Good red stele resistance
- Cornell-2003





# Cabot

- Very large primaries-  
can be irregular
  - Peak June 22
- Good firmness
- Good flavor
- Resistant to red stele
- Attractive to cyclamen  
mites
- Light runnering
- Nova Scotia-1998



Photo by Dr. Andrew Jamieson-Ag Canada

# Short-Day Variety Observations

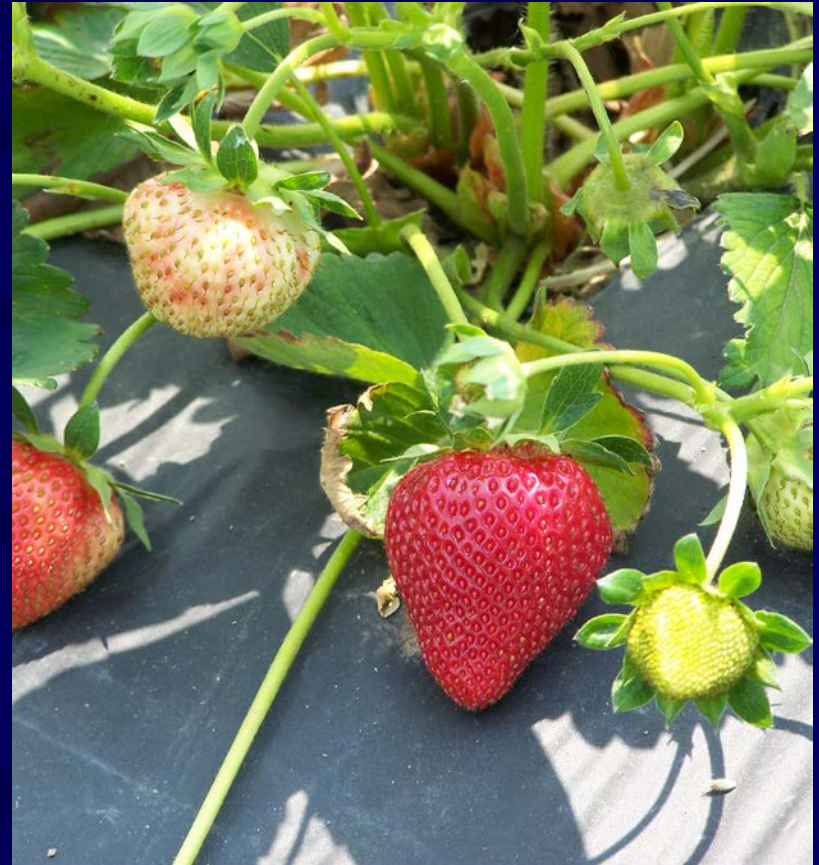
- Cabot consistently larger than others
  - Size is not everything
  - Valley Sunset is promising for size in the late season
- AC Wendy is a good option to Earliglow as the early season standard
- Jewel the one to beat for overall fruit quality
  - Still has serious root disease issues
  - Herriot promising substitute for Jewel in poorer sites
- L' Amour has better fruit quality to replace Honeoye
  - More consistent over multiple seasons
- Darselect is consistently a high yielder
  - Yield is not everything-very disease susceptible

# Day Neutral Strawberries

- Tribute-heirloom
- Tristar-heirloom
- Seascape-standard
- Albion-standard
- San Andreas-newer
- Monterey-newer
- Mara des Bois-novelty

# Seascape

- Medium to large fruit
- Good quality but tender skin
- Suitable for plastic
- Susceptible to red stele
- Best leaf disease tolerance of the CA varieties
- California-1992





# Albion

- High quality fruit
  - Very firm
- Very good flavor
- Only for plasticulture
- Low or high tunnels for optimum quality
- Susceptible to root and leaf diseases











# Newer Varieties

- Herriot (NY99-21)- Cornell
- Daroyal-France/Spain
- Record- Italy
- AC Valley Sunset- Ag Canada, Nova Scotia
- Ovation- USDA-Beltsville
- Flavorfest (B1033)- USDA-Beltsville
- Mayflower-UK
- Malwina-Germany



# Herriot (NY99-21)

- Selected 6/16/99- Winona and USDA material in pedigree
- Mid-season harvest similar to Jewel
  - 1-2 days earlier; peak 6/15
- Bright red conic fruit with firm flesh and good flavor
- Heavy yields and strong vigorous plants
- Consistently high yields
- Consistently high fruit quality



# Daroyal

- Same program that produced Darselect
- Good field establishment and vigor
- Large blocky fruit
- Honeoye season



# Flavorfest

- USDA-Beltsville
- Large blocky fruit
- Late mid-season
- High plant vigor
- Susceptible to post renovation powdery mildew on leaves



# Record

- Large, late season
  - Started 6/12/15
- Light red to orange color
- A bit soft
- Average flavor





# Ovation

- Very late season
  - Peak June 25
- Nearly eliminates frost danger
- Firm with good flavor and texture
- Moderate yield
- Very high vigor
- Good disease resistance
  - Except powdery mildew
- USDA-Beltsville



Photo courtesy of Nourse Farms

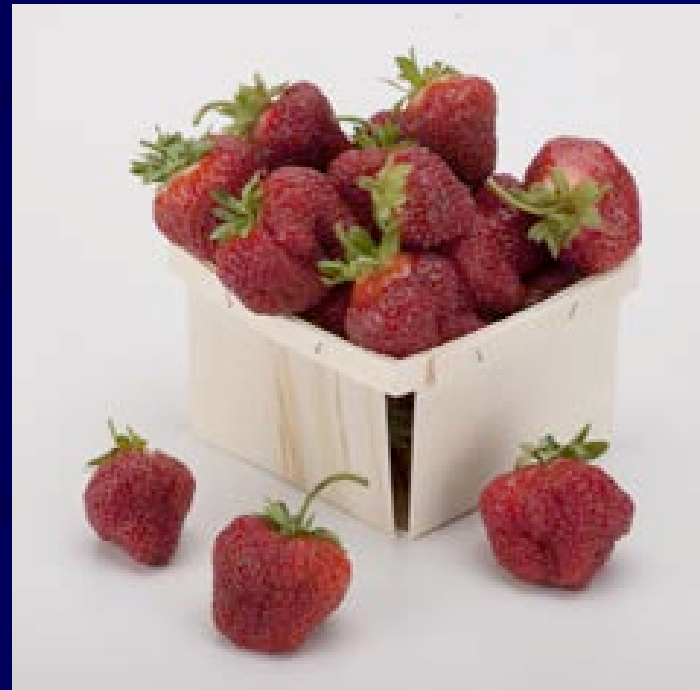






# AC Valley Sunset

- Large conic fruit
- Very late season
  - Started 6/15/15
- Somewhat rough shape
- Firm texture
- Extra care at renovation needed



# Malwina

- Very large wedge shape to start
  - Smaller conic later
- Latest variety tested to date
  - Started 6/26/15
- Firm texture
- Dark color and interior





# Mayflower

- Medium large fruit
- Many green tips early
  - Better quality later
- Good, aromatic flavor
- Long leaf petioles give spindly appearance



# More New Varieties

- Palomar- UC-Davis, very firm, poor vigor in the east
- Radiance- UF, poor vigor in NY
- Festival- UF, poor vigor in NY
- Rubicon- Uconn, soft fruit, good flavor
  - black rot/black vine weevil resistance, medium size
- Purple Wonder<sup>TM</sup>-Cornell-homeowner variety
- Sonata- Holland, high yielding, soft
- San Andreas-day neutral, high yield, large fruit, poor flavor
- Monterey- day neutral, moderate yield, large firm fruit, poor flavor

# Model Strawberry Planting

## ➤ Traditional

- AC Wendy-early
- L' Amour-late early
- Jewel-mid
- Allstar-late mid
- Clancy-early late
- Cabot-late
- Albion -fall (DN on plastic in tunnels)

## ➤ Substitutes for disease resistance

- Cavendish- early mid
- Herriot-mid
- Winona-late

## ■ New ones to try

- AC Valley Sunset
- Daroyal
- Mayflower

# Acknowledgements

➤ Andrew Jamieson

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➤ For more information visit  
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