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
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™- 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
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