

# *Update on Peach and Nectarine Varieties 2014*



Growers of Fruit Tree Nursery Stock

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# CARORED

- Developed by Clemson University, South Carolina
- Ripens 23 days before Redhaven
- Flavor is excellent with firm melting sweet acidic flesh
- Very attractive red overcolor
- Good size in 2013 for this season. When trees were younger size was only medium.
- Good productivity and vigor but because it is from the south may not be as winter hardy 2014??
- Medium susceptibility to bacterial spot



# DESIREE™ 'NJ350

USPP19,382



- **Developed by the Rutgers New Jersey AES Fruit Breeding Program**
- **Very early ripening yellow peach . Ripens 23 days before Redhaven**
- **Very attractive.**
- **70-95% medium red overcolor on light yellow groundcolor.**
- **2 ½ to 2 ¾ inches. Must be thinned early to size**
- **Good firmness.**
- **Nice peach flavor.**
- **Very productive**
- **Patented and licensed to Adams County Nursery**
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# SPRING PRINCE



- Developed by the Agricultural Research Service of USDA in Byron, Georgia.

- Ripens 23 days before Redhaven but hangs very well

- , Yellow-fleshed, clingstone great firmness and good flavor,

- Medium to medium large size.

- Like Carored very attractive

- Medium susceptibility to bacterial spot. Quite a bit in 2013.

- Like many southern varieties may not be as winter hardy

# EARLYSTAR® (FA 101)



- Developed in the Fruit Acres Breeding program in Michigan
- Ripens about 18 days before Redhaven with Flamin Fury PF 5D Big and later than PF 5B or Desiree.
- **An attractive yellow-fleshed peach in Mass, South Carolina and New Jersey.**
- Firm melting clingstone flesh with good flavor for an early peach.
- A bright crimson red overcolor
- Leaves and fruit have medium susceptibility to bacterial spot.
- **May have edge in winter hardiness over Spring Flame, Spring Prince and Carored**

# FLAMIN FURY® PF EARLY 8 BALL



- Developed by Paul Friday's Flamin Fury Peach Breeding Program in Michigan.
- Ripens approximately 15 days before Redhaven.
  - **Has Medium large size, excellent for this season**
  - Globose shape with 70-90% crimson red overcolor
  - Firm to very firm good quality and sweet acid flesh
  - Clingstone
  - Had high susceptibility bacterial spot in New Jersey in 3013.
- With our cold 2013/2014 winter may be one of the best varieties in this season just before and with Sentry?

# CARENE™ (Monecar cltv.)



- Developed by the French Riviera Breeding Program
- Ripens approximately 14 days before Redhaven or with Easternglo.
- Deep bright red overcolor
- Medium in size
- Flesh is very sweet and of very good quality,
- Clingstone

# **JULY ROSE™ (NJ354cv)**

## **USPP 23,669**



- Developed by the Rutgers New Jersey AES Fruit Breeding Program
- Ripens 14 days before Redhaven
- 80-90% crimson red over a creamish red undercolor,
- Clingstone, firm, melting, sweet and low acid cream white flesh
- Very good flavor for an early peach.
- Low susceptibility to bacterial spot.
- Patented and licensed to Adams County Nursery



# AVALON™ (NJ 101)

## USPP 23,882



**AVALON**  
**-12 DAYS**

- Developed by the Rutgers New Jersey AES Fruit Breeding Program
- Ripens 12 days before Redhaven
- Very attractive, glossy red
- Medium size fruit
- Firm, melting clingstone flesh
- Acidic but very good flavor
- Low susceptibility to bacterial spot
- Patented and licensed to Adams County Nursery

# ARKANSAS VARIETIES



# SILVERGEM™ (NJN100)

USPP18,147

- Developed by the Rutgers New Jersey AES Fruit Breeding Program
- Ripens 12 days before Redhaven
- 10 pounds with 13.4 SSC Flavor
- Attractive, excellent flavor, low acid
- Small to medium fruit size
- Productive, Low susceptibility to bacterial spot
- Patented and licensed to Adams County Nursery



# SCARLET ROSE™(NJ355Cv)

## USPP23883



- Developed by the Rutgers New Jersey AES Fruit Breeding Program

- Early season about 7-11 days before RH

- Very firm almost stony hard

- Hangs on tree well

- Medium susceptibility to bacterial Spot

- Beautiful color and excellent early low acid flavor, clingstone

- Full pinkish scarlet red color

- Patented and licensed to Adams County Nursery



# GALA



- Developed at the Louisiana Agricultural Experiment Station and introduced with the ARS-USDA in Byron Georgia
- Ripens 5 days before Redhaven
- Very attractive, firm yellow-fleshed
- Good flavor, semi-freestone
- Medium large size size 170, grams in 2010 mostly 2 ½ to 2 ¾ inches.
- Medium susceptibility to bacterial spot.
- Southern peach probably not as winter hardy.

# WHITE CLOUD



- Developed at University of Arkansas Division of Agriculture in Clarksville Arkansas
- Large to very large size
- 60-70% purplish pink red over cream ground color
- Ripens in Redhaven season
- White flesh is firm, non melting, with slightly acidic, aromatic, very good sweet flavor.
- Clingstone
- Unusual because of its nonmelting clingstone white flesh
- Not tested for winter hardiness
- low susceptibility to bacterial spot.
- Part of a series of white fleshed varieties including White Diamond White Rock, White County and White River from Arkansas.

# FLAMIN FURY® PF 9A-007

## US PP 15,498

- Developed by Paul Friday's Flamin Fury Peach Breeding Program in Michigan
- Ripens just ahead of Redhaven
- Uniform large size. The best size in this early season.
- Flesh is mostly semi freestone , firm and with very good flavor
- Attractive, nice red orange to scarlet red overcolor
- Vigorous trees with low susceptibility to bacterial spot



# FLAMIN FURY® PF 11



- Developed by Paul Friday's Flamin Fury Peach Breeding Program in Michigan.
- Ripens a few days before Redhaven and overlaps with many other Redhaven season varieties.
- Medium large to large size
- 70-90% crimson red over yellowish red ground color, yellow-fleshed semi-freestone
- Firm is melting, juicy acidic flesh with good flavor. Retention of firmness is good so the fruit hangs on the tree well.
- Low susceptibility to bacterial spot.
- Is it better than many other varieties in a similar season?



# FLAVRBURST™ (KV000398)

PP#21378



- Developed by the ARS-USDA in Kearneysville, West Virginia.
- Ripens approximately 10 days after Redhaven,
- Sweet and subacid with excellent flavor.
- Flesh is firm and melting at harvest maturity
- Medium susceptibility to bacterial spot.
- Standard-type tree, good firmness at harvest maturity.
- Patented and licensed to Adams County Nursery

# FLAMIN FURY® PF 19-007

PP#17578



- Developed by Paul Friday's Flamin Fury Peach Breeding Program in Michigan.
- Ripens about 15 days after Redhaven.
- Large to very large fruit size just before PF 24-007.
- Yellow-fleshed, freestone The flesh is firm, melting with with very good sweet acid flavor.
- 60-90% scarlet red over yellow ground color.
- tree is vigorous and productive.
- low susceptibility to bacterial spot.

# JULY PRINCE



- Developed by the ARS-USDA in Byron, Georgia.
- Ripens approximately 13 days after Redhaven
- Large to very large size.
- Attractive scarlet red over a reddish yellow ground color.
- Yellow-fleshed freestone peach, The flesh is very firm, melting with sweet acidic and very good flavor.
- Medium susceptibility to bacterial spot.
- Southern variety so hardiness is suspect but very firm large and beautiful

## ■ Early August Prince

- Replacement for Cresthaven and SunPrince
- Very firm, Large like Sun Prince but redder
- Low susceptibility to bacterial spot

## ■ August Prince

- Replacement for O'Henry and Jefferson
- Very late, very firm
- Very large size,
- Low bacterial spot



# AUGUST ROSE™ (NJ356Cv)

## USPP 23,884



- Developed by the Rutgers New Jersey AES Fruit Breeding Program
- Ripens 25-30 days after Redhaven
- Fruit is very large all over 3 inches
- Freestone, very firm.
- White flesh is subacid with very good quality and flavor
- Low susceptibility bacterial spot.
- Patented and licensed to Adams County Nursery

# GLORIA™ (NJ351)

## USPP 18224

- Developed by the Rutgers New Jersey AES Fruit Breeding Program
- Ripens +25 days after Redhaven some times picked too early because of attractiveness.
- Sub acid flesh sweet very good flesh
- Very firm in New Jersey – STONY HARD but only rated moderately firm in Clemson trials
- HANGS ON TREE well
- Very attractive.
- Medium susceptibility to bacterial spot
- VERY PRODUCTIVE
- LATE BLOOMING.
- Patented and licensed to Adams County Nursery



# Sub Acid Peaches

In New Jersey taste test we have run Gloria picked at optimum maturity has always rated highly and equivalent to the sweet acid yellow varieties. Low acid white and yellow fleshed peach and nectarine varieties have been grown in NJ for at least 25 years

- **In the Fruit Tasting Seminars conducted by Dave Wilson Nursery, we have noticed that young people prefer fruit that is firm rather than soft-ripe. With their higher sugar-to-acid balance when firm-ripe, the new low acid peach and nectarine varieties developed by the Zaigers are ideal for today's marketplace. (source Dave Wilson Nurseries)**

**There are over 50 important California peach and nectarine varieties that are sub acid. Some grown in New Jersey and the Eastern United States are Spring Snow, Snobrite, White Lady, Klondike, Sugar Giant, Snow Giant, Yukon King, many flat peaches and nectarines with yellow and white flesh**

# MESSINA™ (NJ 352)



MESSINA NJ 352



## USPP 18,091

- Developed by the Rutgers New Jersey AES Fruit Breeding Program
- RIPENS 28 days after Redhaven
- Very large size
- Flesh yellow, melting acidic with sweet very good flavor.
- FIRM to very firm.
- Low susceptibility to bacterial spot
- PRODUCTIVE.
- Patented and licensed to Adams County Nursery



# SUMMERFEST™ (KV981175)

## USPP 21,379

- Developed by the ARS-USDA in Kearneysville, West Virginia.
- **Ripens about 28 days after Redhaven or with Jerseyqueen and Redskin.**
- Sweet slightly acidic flavor, very good
- -50-60% red overcolor but outside of tree full red
- - Flesh is melting and very firm
- - Large size
- -Uniform finish, shape & size .
- Trees are very productive with low susceptibility to bacterial spot
- **Produces a very vigorous, upright tree with a less spreading habit.**
- Patented and licensed to Adams County Nursery



# FLAMIN FURY® PF 28-007

## USPP 14,778



- Developed by Paul Friday's Flamin Fury Peach Breeding Program in Michigan.
- Ripens approximately 30 days after Redhaven
- large to very large fruit size.
- Attractive 60-80% crimson red overcolor.
- yellow-fleshed, freestone ripening.
- Flesh is firm to very firm with very good flavor.
- productive with medium susceptibility to bacterial spot.

# AMBRE™ (Monam Cltv)



- Developed at the French Riviera Stone Fruit Breeding Program.
- Ripens approximately +38 days after Redhaven or 10 days after Fantasia
- Very firm and freestone flesh
- Excellent quality and flavor somewhat sub acid
- Fruit is medium to large,
- approximately 50 -70 percent red color over a bright yellow background when ripe.
- Fruit and leaves have medium susceptibility to bacterial spot in NJ.
- This high flavor nectarine provides an opportunity to extend the nectarine harvest into September

# VICTORIA™ (NJ 353)

USPP 18,134



- Developed by the Rutgers New Jersey AES Fruit Breeding Program
- Ripens 45 DAYS AFTER REDHAVEN
- Very large fruit size.
- 13 lbs with 11.8% ssc excellent sweet flavor . A pleasant eating experience for a peach late in the season.
- Flesh is firm and holds firmness very well
- Low susceptibility to bacterial spot.
- Biggest concern is color which is inconsistent
- Patented and licensed to Adams County Nursery

# AUTUMN STAR™ (FA 42)

- Developed in the Fruit Acres Breeding program in Michigan
- Ripens approximately 40 days after redhaven
- Color variable
- Large to very large
- 60-80% crimson red variable overcolor
- Yellow-fleshed, freestone peach
- Flesh is firm with good flavor.
- Low susceptibility to bacterial spot.



# Sources of Information

[www.rce.rutgers.edu/peach/](http://www.rce.rutgers.edu/peach/)

**YELLOW-FLESHED PEACH VARIETIES FOR  
NEW JERSEY** Fact Sheet 1201 in 2013

**WHITE-FLESHED PEACH VARIETIES FOR NEW  
JERSEY** Fact Sheet 1203 in 2013

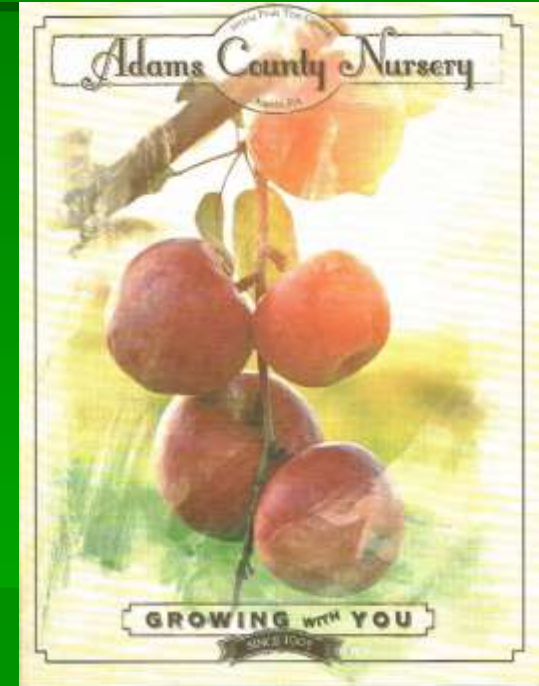
**FLAT PEACH VARIETIES FOR NEW JERSEY**  
Fact Sheet 2008

**NECTARINE VARIETIES FOR NEW JERSEY**  
Fact Sheet 1204 in 2013

[www.acnursery.com](http://www.acnursery.com)

[http://www.clemson.edu/hort/peach/index.php?  
p=73](http://www.clemson.edu/hort/peach/index.php?p=73)

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