



## Cooperative Extension

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Flat peaches are also known as “saucer” or “doughnut-type” peaches because of their round, oblate to squat appearance. In China, where they originated, they are known as a “peento,” derived from the original Chinese “Pan Tao.” The varieties of flat peaches listed here are harder and more costly to grow. It takes more time to thin, harvest and handle the fruit because of their shape. Most packing and sizing equipment has been developed for globose or ovate to oblong fruit shapes, therefore, packing is generally done by hand.

The flavor of these flat peaches is unique because of their range of aromatics, intense sweetness and very good to excellent taste when ripe. Because of their unique flavor and shape, flat peaches can generally bring higher prices to offset higher costs of production and handling. Some varieties like Saturn and Galaxy are marketed under the trademark Donut™ peach. These varieties are freestone and when the fruit is ripe the stone can be easily pushed out causing the peach to resemble a donut.

Read fact sheets on **White-Fleshed Peach Varieties for New Jersey**, **Yellow-Fleshed Peach Varieties for New Jersey** and **Nectarine Varieties for New Jersey** for additional varietal information.

### Varieties

**NJ F18 (NJ L10-72)** – A very oblate<sup>1</sup> to flat, large to very large, 80-90% bright, mottled, scarlet red over a yellow-red ground color, yellow-fleshed, clingstone peach ripening July 18-22, approximately 6 days before Redhaven. This large, attractive peach has a very firm almost stony hard flesh with a sub acid flavor. The tree is vigorous and moderately productive with low susceptibility to bacterial spot. NJ F18 produces sterile pollen and must be planted with another peach variety to be productive.

**NJ F15 (NJD 51-270) (PICTURED TOP LEFT)**– A very oblate to almost flat, medium, 25-70% scarlet/orange-red over a yellow-

orange ground color, yellow-fleshed clingstone, ripening July 22-25, approximately 3 days before Redhaven. The flesh is firm, non-melting, with very good flavor. The tree is vigorous, spreading, and moderately productive with medium susceptibility to bacterial spot.

**Saturn (PICTURED TOP RIGHT)** – A very oblate to almost flat, small to medium, 25-60% pinkish-red over a cream-green ground color, white-fleshed, freestone peach ripening July 24-27 approximately 1 day before Redhaven. The flesh is soft with a mildly sub acid and excellent flavor. The tree is vigorous, spreading, and very productive with medium susceptibility to bacterial spot. This freestone peach with excellent flavor is often marketed as a Donut™ peach.

**NJ F16 (NJ D91-134) (PICTURED TOP CENTER)** – A very oblate to slightly flat, medium large to large, 100% golden yellow, yellow-fleshed, clingstone peach ripening July 28-31, approximately 3 days after Redhaven. The flesh is non-melting, firm with a spicy, sweet, excellent flavor. The tree is spreading, vigorous, and lightly to moderately productive. When the skin softens, slight browning of the flesh may occur.

**Galaxy** – A very oblate to slightly flat, medium to medium-large, 30-60% pinkish-red over a cream-green ground color, white-fleshed freestone peach ripening July 29-August 1, approximately 4 days after Redhaven. The flesh is firm with a sweet, mild, sub acid, and very good flavor. The tree is spreading, vigorous, and moderately productive with medium susceptibility to bacterial spot. Galaxy is not as productive as Saturn but is larger in size.

**NJ F17 (NJD91-120)** – A very oblate to almost flat, medium to medium-large, 100% greenish-cream, white-fleshed, clingstone peach ripening August 5-8 approximately 11 days after Redhaven. The flesh is moderately firm and slightly non-melting with a sweet, sub acid, excellent flavor. The tree is vigorous, spreading, lightly to moderately productive with low susceptibility to bacterial spot. When the fruit softens, the skin gets brownish blemishes.

<sup>1</sup> having the equatorial diameter greater than polar diameter; being flattened at the poles.

# Flat Peach Varieties for New Jersey

Fact Sheet FS1074

## Comparison Chart of all Peach Varieties with Flat Peach Varieties

Ripening Date in Southern NJ	Best Peach Cultivars	Best Nectarine Cultivars	Promising Peach Cultivars for Trial	Promising Nectarine Cultivars
June 30 to July 5	Flamin' Fury PF5B, NJ 350, Spring Flame, Sunbrite	Mayfire	Empress, Queencrest, Spring Prince, Spring Snow (W), Manon (W)	
July 6 to July 12	Sugar May (W), Harrow Diamond	ArticStar(W)	Harrow Dawn, Ruby Prince, Scarlet Pearl (W)	Jade (W)
July 13 to July 19	Flamin' Fury PF 7, Glenglo, Harrow Dawn, Sentry, Summer Serenade	Easternglo, Arctic Sweet (W), Arctic Glo (W)	Vulcan, NJ F 18, Southern Pearl(W)	Honeykist, NJN 100
July 20 to July 26	Flavorcrest, GaLa	Harblaze	Flamin' Fury PF10, Saturn (W), SnowBride (W), Vinegold, NJF 15	Honeyblaze
July 27 to August 3	Early Loring, Flamin' Fury PF15A, Flamin' Fury Lucky 13, John Boy, Late Sunhaven, Redhaven, White Lady (W), Flamin' Fury PF Lucky 12	Harflame, Summer Beaut	Blazing Star, Flamin' Fury PF Jersey 14, NJF 16, Galaxy (W), Redstar, Salem, Starfire, Snow Beauty (W)	Flamin' Fury PF11, Crimson Snow (W)
August 4 to August 10	Blaze Prince, Bounty, Coralstar, Flamin' Fury PF17, Harrow Beauty, Klondike (W), Salem	Artic Jay (W), Flavortop, Sunglo	Harrow Fair, Flamin' Fury PF19-007, Flamin' Fury PF20-007, NJ F 17 (W)	Arctic Belle (W), Emeraude (W)
August 11 to August 18	Allstar, Contender, Flamin' Fury PF23, Flamin' Fury, PF24-007, Loring	Redgold	Carolina Belle (W), Glowingstar, Redkist, Scarlet Prince, Suncrest, Blushingstar (W)	Jolly Red Giant
August 19 to August 26	Cresthaven, Flamin' Fury PF Lucky 24B, Flamin' Fury PF25, NJ 351, 352	Fantasia	Sugar Giant (W), Opale (W), Snowfire (W), Benedicte (W)	Arctic Gold (W)
August 27 to September 3	Fayette, Flamin' Fury PF27A, Jerseyglo, Jerseyqueen, Redskin		Lady Nancy (W), SnowKing (W)	Stark Ovation, Zephyr (W), Topaze (W)
September 3 to September 10	Autumnglo, Encore, Flameprince, Lauroi		Autumn Star, Flamin' Fury PF 28-007, Snow Giant (W), Yukon King (W)	Arctic Pride (W)
September 10 and Later	NJ 353, Parade		Big Red (CVN#3)	

See Table 11.1 in "Tree Fruit Pests and Controls" in the New Jersey Tree Fruit Production Guide for bacterial spot ratings.

(W) Indicates White-Fleshed.

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