

PEACHES

Florida Foundation Seed Producers, Inc.



The University of Florida's Institute of Food and Agricultural Sciences (UF/IFAS) has approved commercial release of novel peach varieties. Florida Foundation Seed Producers, Inc., a direct support organization of UF/IFAS, is seeking partners to license these U.S. patented varieties. This is a unique opportunity to propagate and market novel peach varieties with improved low-chilling requirements (100-525 chill units), improved flavor, uniform fruit size, and desirable quality and taste.

Descriptions

'UFOne' (U.S. Patent PP21,607) - a variety with a low winter chilling requirement of approximately 150 chill units (cu). Trees of 'UFOne' are self-fertile, of medium size and moderately vigorous with a semi-spreading growth habit. Fruit are medium large for its mid-early ripening season. Fruit are very firm with a yellow, non-melting flesh which are semi-clingstone. Fruit are uniform and substantially symmetrical in shape and have an attractive light red color over 40% of skin. Fruit which is exposed to sunlight has a higher degree of enhanced red skin. Fruit ripens about 95 days from full bloom, which is approximately eight (8) days after that of 'UFBeauty' peach (U.S. Patent PP14,784) in early May in Gainesville, Florida.

'UFSun' (U.S. Patent PP14,764) - an attractive, high-quality peach with yellow, non-melting flesh, ripening early with that of 'Flordaprince'. Produces fruit with a tree-ripened aroma and sweetness that softens slowly, allowing for longer shelf life than fruit from conventional melting-flesh cultivars. Trees possess a low chilling requirement of approximately 100 to 150 chill units (cu). Fruit are large and average 100 to 115 g and up to 6 cm in diameter. Ripe fruit have an attractive 30-50% bright skin with an orange ground color. Fruit ripens about 80 to 85 days from full bloom, with that of 'Flordaprince' peach, in late April at Immokalee, Florida and Gainesville, Florida.

'UFBeauty' (U.S. Patent PP14,784) - a variety with a low winter chilling requirement of approximately 200 chill units (cu). Trees are of large size and highly vigorous with a semi-spreading growth habit. Fruit are medium large for its ripening season. Fruit are very firm with a yellow, non-melting flesh which are clingstone. Fruit are uniform and substantially symmetrical in shape and have an attractive 90 to 100% red skin with darker red stripes. Fruit ripens three (3) to four (4) days after the beginning of that of 'UFGold' peach (U.S. Patent PP10,315) in early May in Gainesville, Florida.

'Flordabest' (U.S. Patent PP20,294) - a variety with a winter chilling requirement estimated at 250 chill units (cu). Trees are self-fertile, of medium size and have a moderate vigorous and semi-upright growth habit. Fruit are large for its ripening season. Fruit are uniformly firm and yellow with melting flesh which are semi-clingstone. Fruit are oval and uniform with substantially symmetrical shape and have an attractive 90 to 100% bright red skin. Fruit ripens about 7-10 days before that of 'TropicBeauty' peach in early May in Gainesville, Florida.

'UFBlaze' (U.S. Patent PP14,898) - a variety with a low winter chilling requirement of approximately 300 chill units (cu). Trees are self fertile, of large size and highly vigorous with a semi-spreading growth habit. Fruit are large for its ripening season. Fruit are very firm with a yellow, non-melting flesh which are clingstone. Fruit are uniform and substantially symmetrical in shape and have an attractive, bright red skin over 80 to 90% of the deep yellow ground color. Fruit ripens about seven (7) to ten (10) days after that of 'UFGold' peach (U.S. Patent PP10,315) in early to mid-May in Gainesville, Florida.

'UFO' (U.S. Patent PP13,352) - a variety with a low winter chilling requirement of approximately 250 chill units (cu). Trees are of large size and highly vigorous with a semi-upright growth habit. Fruit are large for the moderately early ripening season. Fruit are very firm with a yellow, non-melting flesh which are semi-freestone and of peento shape. Fruit are uniform and substantially symmetrical in shape and have an attractive 50 to 70% striped red skin color. Fruit ripens 10-15 days after that of 'UFGold' peach (U.S. Patent PP10,315) in mid-to-late May in Gainesville, Florida.

Historical Releases:

Flordaking (1978)

Flordaprince (1982)

TropicBeauty (1986)

Flordacrest (1988)

UFGold – US PP10315 (1996)

UF2000 – US PP12019 (2000)

The cooperative UF/IFAS, USDA/ARS, and UGA regional peach breeding program centered at the UGA Attapulgus Research Station, near Attapulgus, GA, announces the release of the "Gulf" Series peach cultivars. These cultivars are adapted to the lower Coastal Plain of the Southeastern United States, south of a line running from Charleston, SC to Southeastern Texas and generally north of Interstate 10. These cultivars are characterized by non-melting flesh which softens much more slowly than conventional melting type cultivars. This allows for the harvest of tree ripe fruit with improved fruit quality and longer shelf life.

Gulf Series Peaches

'Gulfcrimson' (U.S. Patent PP20,174) - This cultivar has been very reliable, producing very firm, sweet, yellow, non-melting flesh. Trees possess a moderate chilling requirement of 400 chill units. Trees are resistant to bacterial spot. Fruit are large (up to 6.5 cm in diameter) and attractive, ranging from 130-150g in weight and ripening in late May. Ripe fruit exhibit 80% red over a deep yellow/orange ground color. Suggested for trial as a replacement for Junegold.

'Gulcrest' (U.S. Patent PP14,685) - This cultivar has been very reliable, producing very firm, sweet, yellow, non-melting flesh with a longer shelf life than fruit from conventional melting flesh market varieties. Trees possess a moderate chilling requirement of about 500 chill units. Suggested for home use. Trees are resistant to bacterial spot. Fruit are medium, symmetrical (5-6 cm in diameter) and attractive, ranging from 80-120g in weight and ripening in mid-May. Ripe fruit exhibit nearly 100% red over a deep yellow ground color. The primary disadvantage noted at Attapulgus has been a tendency to produce marginal size fruit (about 2 inches) in the last picking.

'Gulfkink' (U.S. Patent PP14,483) - Trees possess a moderate chilling requirement of about 350 chill units. Trees bloom early and planting will be more successful on hilltop sites with good air drainage for frost protection. Fruit are very firm, with sweet, yellow, non-melting flesh. Trees are resistant to bacterial spot. Fruit are large for the season (up to 6 cm in diameter), symmetrical, and attractive, typically ranging from 100-120g in weight and ripening in late April and early May. Ripe fruit exhibit 80-90% red over a deep yellow to orange ground color. Fruit must be picked promptly at maturity, as it will not hang on the tree long after the ground color changes from green to orange/yellow. Suggested for trial as a replacement for Flordaking. This cultivar has tremendous potential for both local and distant markets due to its early ripening, high quality, exceptional firmness, and relatively large size for its season.

'Gulfprince' (U.S. Patent PP12,686) - This cultivar has displayed very consistent cropping, producing very firm, sweet, yellow, non-melting flesh fruit. Trees possess a chilling requirement of about 400 chill units (cu). Trees are resistant to bacterial spot. Fruit are large, symmetrical (6.4-7 cm in diameter) and attractive, ranging from 140-150g in weight. Fruit ripens in early June and is suggested for trial as a replacement for Juneprince. Ripe fruit exhibit 45-55% red over an attractive deep yellow to orange ground color. This cultivar has been extremely reliable at Attapulgus, despite its relatively low chilling requirement, setting heavy crops. Disadvantages are less red skin color than other "Gulf" Series peaches. Due to premature internal breakdown experienced by some growers, it is not recommended for distant shipping at this time.

Peach varieties developed by the University of Florida are patent protected under U.S. Code Title 35. Anyone propagating trees for their own use or for sale is required to be licensed by Florida Foundation Seed Producers, Inc. Additionally, packers, marketers, and sellers of

fruit from the above varieties can be liable for selling fruit from illegally propagated trees. As of **January 4, 2011**, the entities to the left are the only entities licensed for legal propagation and sale of trees of the respective varieties in the USA. Protect yourself from unknowingly purchasing illegal trees or fruit by asking entities if they are licensed to propagate and if fruit has come from legal trees. Illegal propagation is a direct threat to the stone fruit industry and the patent rights held by Florida Foundation Seed Producers, Inc. Royalties generated are critical to the support of the Florida stone fruit breeding program.

Licensee	Flordabest (PP202,94)	Gulfcrimson (PP14,685)	Gulfcrest (PP14,483)	Gulfkink (PP14,483)	Gulfprince (PP12,686)	UF2000 (PP12,019)	UFBeauby (PP14,784)	UFGold (PP14,898)	UFO (PP10,315)	UFOne (PPAF)	UFSpin (PP14,764)
A & A Country Orchards											✓
Brite Leaf Citrus Nursery, LLC											✓
Chesnut Hill Tree Farm, LLC											✓
Cumberland Valley Nurseries, Inc.	✓	✓	✓	✓							
Freedom Tree Farms, LLC		✓	✓								
Island Grove, LLC											✓
Phillip Rucks Citrus Nursery, Inc.	✓				✓						✓
Propagations Unlimited, Inc.											✓
Rainbow Star Nursery			✓	✓	✓		✓	✓	✓	✓	✓
Southern Citrus Nurseries, LLC											✓
Vaughn Nursery		✓	✓	✓							

Contact for License Information and Licensed Nursery Sources



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