



**DIVISION**  
*of*  
**PLANT INDUSTRY**

# CITRUS BUDWOOD

## Annual Report 2021-2022



## Bureau of Citrus Budwood Registration

Ben Rosson, Chief

We are now entering the 69th year of the Citrus Budwood Registration Program and what a year it has been.....AGAIN! From the excitement of finding and receiving the Donaldson tree, to leasing and renovating a new facility in order to accelerate the production of promising varieties, it has been a whirlwind. This year has been a lesson in fortitude and perseverance. We introduced a new program this year, called the Accelerated Budwood Initiative (ABI) for short, to rapidly multiply promising varieties that show evidence of HLB tolerance or resistance for the industry. The funding for this program was acquired through the herculean efforts of Florida's citrus industry working hand in hand with the State Legislature. Our new ABI Trenton facility is fully staffed so you will be seeing some new faces in the Bureau.

The Chiefland Seed Source Block continues to expand with new additions of rootstocks that are coming into the program while ensuring that industry standard sources are maintained. We were able to harvest seed again this year from the block to help supplement the Bureau's need for introduction liners. This year, another 100 new releases were planted in the LaCrosse Foundation backup facility with and will be available nurseries soon. There are currently over 200 trees planted in the facility with room for expansion as necessary. We are continually streamlining the collection and extraction process and strive to provide timely results to the industry while still maintaining the "gold standard" cleanup process for all new introductions from anywhere in the world. The Florida program has made thousands of parent tree selections over the years.

Our Winter Haven location maintains the Florida Citrus Arboretum which currently showcases over 200 trees including unique and historical varieties. If you haven't been there lately please plan a trip to see the updates we have made to the grounds! The Bureau has continued to be heavily involved in the Indian River Grapefruit Scion/Rootstock trial and data collection has begun this year to aide in efforts to find a combination to fortify the industry. While there have been many new and old challenges, you can rest assured that our commitment and dedication to providing clean material stays the same and will continue.

## Bureau of Citrus Budwood Registration Staff Members

Name	Position Title		
<b>CITRUS GERMPLASM INTRODUCTION PROGRAM - LACROSSE</b>			
Ben Rosson	Bureau Chief	Chief of Citrus Budwood Registration	386-853-6446
Christina Waters	OPS Senior Clerk	Clerical and Administrative Assistant	386-853-6456
Kristen Aslan	Biological Administrator III – SES	Program Administrator	386-853-6447
Karen Ouellette	Operations Analyst II	Source Tree Records Management	386-853-6458
James Coleman	Biological Scientist IV - SES	Phase I Lab Manager	386-853-6449
Rinu Kooliyottil	Biological Scientist IV	Lab Testing	386-853-6450
Emily Sharkey	Biological Scientist III	Shoot Tip Grafter	386-853-6450
Kelsie Stanley	Laboratory Technician IV	Laboratory Assistant	386-853-6450
Anya Hames	OPS Laboratory Technician I	Lab/Greenhouse Assistant	
Kin-Kwan Lai	Biological Scientist IV – SES	Phase II Lab Manager	386-853-6452
Dario DiGenova	Biological Scientist III	Lab Testing	386-853-6452
	Ag & Consumer Protection Supv- SES	Greenhouse Manager	386-853-6453
James DeValerio	Laboratory Technician IV	Greenhouse Caretaking	386-853-6455
	Agriculture & Consumer Prot Spec	Greenhouse Caretaking	386-853-6453
Vester Coggins	Maintenance Mechanic	Phase I & II Maintenance	386-853-6448

<b>CITRUS BUDWOOD REGISTRATION, CITRUS NURSERY INSPECTION &amp; THE FLORIDA CITRUS ARBORETUM – WINTER HAVEN</b>			
Justin Ezell	Operations & Mgmt Consultant Mgr - SES	Program Administrator – Winter Haven	863-298-3042
Randall Dean	Environmental Supervisor I - SES	Citrus Nursery Inspection Supervisor	863-298-3039
Donald Taylor	Environmental Specialist II	Citrus Nursery Inspection	863-298-3037
Peter Carbon	Environmental Specialist II	Citrus Nursery Inspection	352-395-4705
Ashley Nolen	Environmental Specialist II	Citrus Nursery Inspection	863-201-6095
Johnny Yates	Environmental Specialist II	Citrus Nursery Inspection	863-298-3037
Craig Landress	Environmental Specialist II	Citrus Nursery Inspection	863-201-6095
Ana Lebron-Rivera	Environmental Specialist II	Citrus Nursery Inspection	863-298-3043
Jimmy Hernandez	Environmental Specialist II	Citrus Nursery Inspection	352-609-6178
Kaleigh Walker	Biological Scientist III - SES	Parent Tree Cleanup	863-298-3052
Kayla Stover	OPS Laboratory Technician IV	Greenhouse Caretaking and Lab Assistant	863-298-3052
Amie Pappas	OPS Agricultural Technician II	Lab Assistant	863-298-3052
Meta Roth	Agricultural Technician III	Greenhouse Caretaking	863-298-3051
Mercedes Jusino	Laboratory Technician II	Greenhouse Caretaking	863-298-3051
Joe Hanus	Grounds keeping Supervisor II – SES	Arboretum Supervisor	863-298-3042
James Bouie	OPS Agricultural Technician II	Arboretum Caretaking	863-298-3042

<b>CHIEFLAND FOUNDATION</b>			
Marc McCaskill	Operations & Mgmt Consultant Mgr - SES	Budwood Distribution Supervisor	352-493-6801
Shelby Sheppard	Administrative Secretary	Receptionist & Budwood Orders	352-493-6801
George Miller	Agriculture & Consumer Protection Specialist	Greenhouse Caretaking & Budwood Cutting	352-493-6801
Robert Brady	Environmental Supervisor I – SES	Seed Source Block Supervisor	352-493-6801
Stacy Webster	OPS Agricultural Technician II	Seed Block Caretaking	352-493-6801
Liam Maclean	OPS Agricultural Technician II	Seed Block Caretaking	352-493-6801
Antonio Bongiovanni	OPS Agricultural Technician II	Seed Block Caretaking	352-493-6801

### Citrus Budwood Technical Advisory Committee Members

Grower	Nursery	Regulatory	Research
Peter Chaires	Michael Monroe	Dr. Susan Halbert	Dr. Kim Bowman
	Clay Pederson	Kristen Aslan	Dr. Fred Gmitter
	Nate Jameson	Ben Rosson	Dr. Mark Hilf
	*Phillip Rucks	Justin Ezell	
	Tommy Thayer		

\*Committee Chairman

The Citrus Budwood Technical Advisory Committee provides oversight to the Citrus Nursery Stock Certification Program.

# Florida Citrus Nurseries

3,572,190 nursery propagations reported in 2021-2022 from 44 citrus nurseries

Part#	Participant Name	Nursery Type	Part#	Participant Name	Nursery Type
0968	Agromillora Florida, Inc.	TC	0199	Lykes Citrus Division	C
0519	Ben Hill Griffin, Inc.	C	0982	Madison Citrus Nursery, LLC	C, DY
0979	BL Citrus Nursery LLC	C	0882	McGill Citrus Nursery, Inc.	C
0955	Blue Heron Nurseries, LLC	C	0952	Murphy Citrus Nursery, Inc.	C
0876	Brite Leaf Citrus Nursery, LLC	C	0965	North Florida Citrus Nursery, LLC	C
0823	Carl M. Wilburn, Inc.	C	0972	Old South Nursery	C
0983	Citrico, LLC	C, DY	0817	Petteway Growers	C
0969	Citrific Holdings, Inc.	C	0721	Phillip Rucks Citrus Nursery, Inc.	C
0960	CitriSun Nurseries, LLC	C	0974	Propagations Unlimited, Inc.	C
0913	Cutrale Farms, Inc.	C	0625	Rasnake Citrus Nursery	C
0961	Dilley Citrus Nursery, Inc.	C	0778	Reclamation Trees	C
0801	Fiddler's Ridge Farms, Inc.	C	0832	Record Buck Farms, Inc.	DY, WHSL
0728	Flood Clinch Lake Nursery	C	0821	Robert J. Barben, Inc.	C
0702	Floyd & Associates, Inc.	C	0962	Sawmill Citrus Nursery, LLC	C
0929	Gose Growers, Inc.	C	0033	Southern Citrus Nurseries, LLC	C
0773	Harris Citrus Nursery	C, DY	0753	Southridge Citrus Nursery, Inc.	C
0433	Himrod Citrus Nursery, Inc.	C	0891	Stinson Citrus	C
0355	Holmberg Farms, Inc.	C, DY, WHS	0740	Timmermann's Citrus Nursery	C, DY
0888	James H. Albritton	OU	0522	W. E. Green & Sons Citrus Nursery, Inc.	C
0738	Joshua Citrus Nursery	OU	0214	W.A. Williams Citrus Nursery & Service, Inc.	C
0799	K & C Farmer Citrus Nursery, Inc.	C	0920	W.W. Citrus Nursery	C
0980	L&L Citrus Trees, Inc.	DY	0001	Wards Nursery, Inc.	C

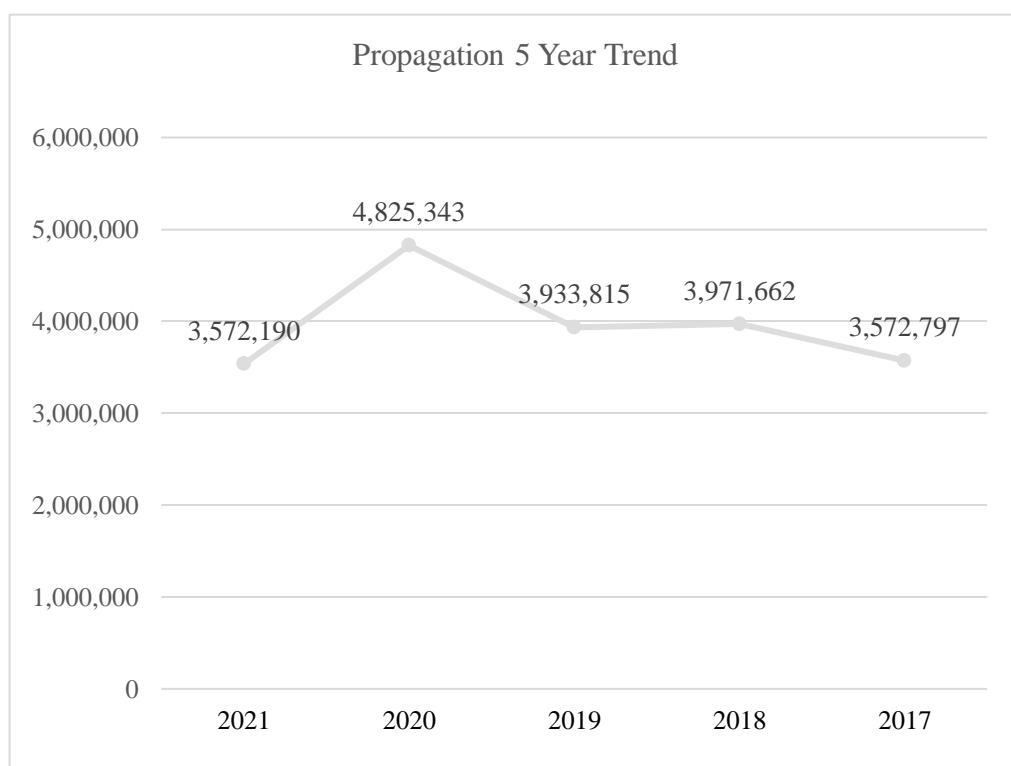
<u>Nursery Type</u> C = Commercial OU = Own use DY = Dooryard WHSL = Wholesale RE = Research TC = Tissue culture or micro-propagation	Part#	Research Agencies Propagating	
	1101	University of Florida Gainesville	RE
	1004	UF - CREC	RE
	1008	USDA - FT. Pierce	RE
736 propagations were reported by research agencies. 4,741 propagations were reported by nurseries out of state			

Voluntary Registration since 1953  
 Mandatory Registration since 1997  
 Mandatory Greenhouse Production 2007

Citrus Nursery Activity		Nursery propagations were obtained from the amount budded on the budwood cutting reports, not including research facilities and out of state			
Propagations	2021-2022	2020-2021	2019-2020	2018-2019	2017-2018
<1,000	3	3	1	1	3
1,000-10,000	10	7	5	10	10
10,000-25,000	7	4	5	2	9
25,000-50,000	3	5	4	8	7
50,000-75,000	5	7	6	4	3
75,000-100,000	3	4	6	3	0
100,000-200,000	7	7	4	7	6
200,000-400,000	6	5	2	5	4
400,000-600,000	0	3	3	1	2
>600,000	0	0	1	0	0
Total	44	45	37	41	44

Production	2021-2022	2020-2021	2019-2020	2018-2019	2017-2018
Propagations Reported	3,572,190	4,825,343	3,933,815	3,971,662	3,572,797
Propagations Change (Increase or Decrease)	(1,253,153)	891,528	(37,847)	398,865	(771,649)
Percent Change (Increase or Decrease)	(25.97)%	18.48%	(.95)%	11.16%	(21.6) %
Nurseries Increasing Production	12	20	17	21	15
Nurseries Decreasing Production	29	15	17	13	28
New or Resumed Production	3	10	3	7	1

Propagations by County	
County	Propagations
Polk	1,845,701
Sumter	478,660
Highlands	314,707
Hillsborough	296,913
Desoto	269,481
Lake	131,552
Hardee	80,092
Charlotte	69,541
Orange	44,555
Taylor	23,579
Madison	6,218
Gilchrist	5,787
Pasco	3,149
Washington	2,255



Budwood Source Trees	# Trees		Scion Blocks	2021-2022	2020-2021
	2021-2022	2020-2021			
Seed Source	8,930	8,598	Participants with Scion Blocks	23	25
Budwood Scion	2,803	3,101	Number of Scion Blocks (Budwood)	37	36
Sweet Orange	1,785	2,134	Participants with Seed Source Blocks	21	21
Grapefruit	251	389	Number of Seed Source Blocks	32	31
Mandarin	384	343	#Budwood Cut		
Lemon/Lime	207	138	Foundation (CH)	141,041	157,567
Pummelo	30	23	Scion (S)	1,298,221	1,654,362
Kumquat	37	25	Increase (IB)	2,218,738	3,097,874
Other	109	49	Total	3,658,000	4,909,803
Total	11,733	11,699	New Scion trees must originate from Chiefland Foundation budwood.		

Increase Trees	
<u>Increase Block Expiration and Extension</u>	
Approved increase blocks shall be used as a source of propagation material for a period of up to 36 months from budding or extended to a maximum of 60 months with composite diagnostic testing prior to the 36-month expiration date.	
<ul style="list-style-type: none"> <li>The increase block will need to be tested using a composite tree sampling method. Testing will include all graft transmissible diseases. If any test results in a positive detection the whole block will be void from further use.</li> <li>At least one test per variety, regardless of the number of trees in the block.</li> <li>At the end of 60 months these trees will need to be removed from the greenhouse. They will not be eligible to be converted into scion.</li> </ul>	
Total bud eyes cut from Increase Blocks	2,218,738
% of cut B/W originating from Increase Blocks	61%
# Nurseries reported cutting Increase Blocks	20
When an Increase Block is created the original BCR number is the source ID used for all future cuttings of that Increase block.	
Valencia SPB-1-14-19 was the most popular variety-clone cut from increase blocks at 1,123,369 budeyes cut.	
Valencia SPB-1-14-19 on US-942 rootstock was the combination most budded from increase blocks at 420,366 propagations.	

Top 15 Variety Clones					
2021-2022		# Budded	2020-2021	2019-2020	2018-2019
1	Valencia SPB-1-14-19	1,628,926	Valencia SPB-1-14-19	Valencia SPB-1-14-19	Valencia SPB-1-14-19
2	Vernia UF 35-15	293,334	Vernia UF 35-15	Hamlin 1-4-1	Hamlin 1-4-1
3	Hamlin 1-4-1	174,304	Hamlin 1-4-1	Vernia UF 35-15	Vernia UF 35-15
4	Valencia F-55-4	122,516	Valencia F-55-4	Valencia F-55-4	Valencia F-55-4
5	Meyer Le US	119,865	Meyer Le US	Star Ruby Gft DPI-60	Bearss Le SPB-341-95-33
6	Valencia SPB-1-14-31	108,910	Star Ruby Gft DPI-60	WG Man 911-C-37	Hamlin 8-1-4
7	Hamlin 8-1-4	78,090	Key Lime SPB-51-12	Hamlin 8-1-4	Sweet Orange UF OLL8
8	Star Ruby Gft DPI-60	73,604	Valencia SPB-1-14-31	Valencia SPB-1-14-31	Ruby Red Gft F-58-39
9	Orri CGIP-134	72,150	Ray Ruby Gft CGIP-103	Valencia UF B9-65	Valencia SPB-1-14-31
10	Persian Lime SPB-7	61,960	Bearss Le SPB-341-95-33	Sweet Orange UF OLL8	Flame Gft US 1-26-71
11	Ray Ruby Gft CGIP-103	49,906	Flame Gft US 1-26-71	Ruby Red Gft F-58-39	WG Man 911-C-37
12	Flame Gft US 1-26-71	45,045	Valquarius LT UF SF14W-62	Sweet Orange UF OLL4	Star Ruby Gft DPI-60
13	WG Man 911-C-37	43,950	Orri CGIP-134	Ray Ruby Gft CGIP-103	Valencia UF B9-65
14	Key Lime SPB-51-12	39,407	Persian Lime SPB-7	Valquarius LT UF SF14W-62	Tango CGIP-168
15	Calamondin DPI-555	37,389	Hamlin 8-1-4	Flame Gft US 1-26-71	Hamlin 8-1-5

Top 15 Rootstocks					
2021-2022		# Budded	2020-2021	2019-2020	2018-2019
1	US-942	944,047	US-942	US-942	US-942
2	Kuharske	618,206	Kuharske	Kuharske	Swingle
3	X-639	498,462	X-639	X-639	Kuharske
4	Swingle	330,438	Swingle	Swingle	X-639
5	Sour Orange	216,988	Own Rootstock	US-897	Sour Orange
6	US-812	181,315	US-812	US-812	US-802
7	Volkamer Lemon	139,413	Sour Orange	Sour Orange	Volkamer Lemon
8	Own Root	129,120	US-897	US-802	US-812
9	C-146	108,193	Volkamer Lemon	Volkamer Lemon	US-897
10	US-897	85,319	US-802	C-54	Rough Lemon
11	Rough Lemon	77,340	Rough Lemon	Rough Lemon	C-35
12	C-35	68,574	C-35	UFR-04	UFR-04
13	US-802	55,625	C-54	C-35	UFR-17
14	C-54	36,239	Poncirus trifoliata	C-57	Poncirus trifoliata
15	Cleopatra	18,529	UFR-04	US-1777	US-1516

## New Florida Parent Candidates

### Parents Selected or Bred in Florida

Year	Candidates Entered	Parents Released	Cultivars being Shoot-tip Grafted	Entries by Agency	2021-2022	2020-2021
2021	55	55	86	IFAS CREC	26	30
2020	77	64	50	IFAS Gainesville	12	6
2019	69	40	95	USDA	17	39
2018	88	96	91	Bureau / Participant	0	0
				Private / Proprietary	0	2
				Total	55	77

### Pathogen Testing

Testing Frequency: HLB & CTV – PCR Annual; \* Seed Source every 3 years (Citrus Leaf Blotch Virus (CLBV), Citrus Tatter Leaf Virus (CTLV), *Liberibacter* spp. *Xylella fastidiosa* (CVC), and *Phytoplasma* spp).

### Scion/Foundation/Parent Source Tree Testing

Pathogen	Test Type	2021-2022 (Phase I Lab)	2021-2022 (Phase II Lab)	2020-2021 (Phase I Lab) Jan-Dec	2020-2021 (Phase II Lab)
HLB	qPCR	1,394	5,086	2,869	4,114
Tristeza	qPCR	1,394	8,852	2,869	8,108
Psorosis	Biological	346		160	
Psorosis	qPCR	1,394	3,753	2,869	4,054
Tatter Leaf*	qPCR	1,394	7,043	2,869	5,459
Leaf Blotch*	qPCR	1,394	7,043	2,869	5,459
Viroid (Biological)	CEVd, CVd I, III, IV, V	346		160	
Viroid (qPCR)	CVd I – V, CEVd	8,364	22,518	17,214	24,324
Others (Phytoplasma spp., <i>Xylella fastidiosa</i> , Canker)			7,253		2,810
	Total	16,026	61,548	31,559	54,328

In 2021 there were 19,930 additional pathogen tests for Phase I. In 2020 there were 22 additional pathogen tests totaling 31,416 for Phase I and 5 additional pathogen tests totaling 7,205 for Chiefland.

### Tests that are run at the LaCrosse Labs:

#### VRAL

Citrus Tristeza Virus (CTV), Citrus Psorosis Virus (CPsV), Citrus Variegation Virus (CVV), Citrus Leaf Blotch Virus (CLBV)\*, Citrus Tatter Leaf Virus (CTLV)\*, Citrus Leaf Rugose Virus (CLR), Citrus Vein Enation Virus (CVEV), Citrus Concave Gum associated virus (CCGaV), Satsuma Dwarf Virus (SDV), Citrus Chlorotic Dwarf associated virus (CCDaV), Citrus Yellow Vein Clearing Virus (CYVCV), Citrus Yellow Mosaic Virus (CYMV), Citrus Sudden Death associated virus (CSDaV), Indian Citrus Ringspot Virus (ICRSV), Citrus Leprosis Virus-C (cytoplasmic) (CiLV-C), Citrus Leprosis Virus-N (nuclear) (CiLV-N)

#### VIROID

Citrus Bent Leaf Viroid (CVd – I), Citrus Hop Stunt Viroid (CVd – II), Citrus Dwarfing Viroid (CVd – III), Citrus Bark Cracking Viroid (CVd – IV), Citrus Viroid V (CVd – V), Citrus Viroid VI (CVd – VI), Citrus Viroid VII (CVd – VII), Citrus Exocortis Viroid (CEVd)

#### BACTERIAL

*Liberibacter* spp. (HLB, greening), *Xanthomonas axonopodis* pv. *citri* (Citrus canker), *Spiroplasma citri* (Citrus Stubborn Disease), *Xylella fastidiosa* (Citrus Variegated Chlorosis)\*, *Phytoplasma* spp.\*

#### FUNGAL

*Guignardia citricarpa* (Citrus black spot), *Elsinoë fawcettii* (Citrus scab), *Elsinoë australis* (Sweet orange scab), *Pseudocercospora angolensis* (Pseudocercospora fruit and leaf spot)

Seed Source testing includes Citrus Leaf Blotch Virus (CLBV), Citrus Tatter Leaf Virus (CTLV), *Liberibacter* spp. *Xylella fastidiosa* (CVC), and *Phytoplasma* spp. Seed source trees are not tested for HLB or Canker infection and they do not need to be removed.



Sweet Orange Propagations by Season		Propagations	% of Type	% Sweet Oranges
Early	Hamlin 1-4-1	174,304	57.70%	6.70%
	Hamlin 8-1-4	78,090	25.85%	3%
	Hamlin UF N13-32	23,739	7.86%	<1%
	Hamlin 8-1-5	10,035	3.32%	
	Carney Orange DPI-229-2	4,694	1.55%	
	Parson Brown F-56-2	3,881	1.28%	
	Westin UF 47-2	2,685	<1%	
	Earlygold UF 33-4	1,848		
	Roble 502-4-12	1,280		
	Ambersweet US 10-14-65	756		
	US Sundragon	450		
	Carney Orange DPI-229-3	279		
	Orange Hyb US 6-9-96	12		
	Orange Hyb US 1-75-55	12		
	Orange Hyb US 1-5-213	12		
Total Early	302,077			
Navel	Glen Navel F-56-11	22,130	29.8%	<1%
	Cara Cara Navel CGIP-104	20,370	27.43%	
	Summerfield Navel DPI-70-4-9	12,484	16.81%	
	Wash Navel F-60-19	4,437	5.97%	
	Valencia Navel 522-15-14	4,320	5.81%	
	Wash Navel F-60-13	3,498	4.71%	
	Crisafulli Navel DPI-221-1	3,472	4.67%	
	Wash Navel F-60-18	3,216	4.33%	
	Dream Navel DPI-58	200	<1%	
	Wild Turkey Navel 941-11-30-1	100		
	Varn Navel SPB-194-10-2	26		
	Total Navel	74,253		
Midseason	Vernia UF 35-15	293,334	83.81%	10.98%
	Valquarius LT UF SF14W-62	16,199	4.62	<1%
	Vernia UF C2-2-1	14,319	4.09	
	Florida EV1 UF B7-70	8,389	2.39	
	Pineapple 53-10-10	5,104	1.45	
	Pineapple SL US 10B-6-30	4,513	1.28	
	Midsweet US 6-9	2,876	<1%	
	Valquarius UF SF14W-62	2,603		
	Valencia Mid UF OLL20	1,898		
	Florida EV2 UF SF14W-65	528		
	Jaffa F-53-38	120		
	Pineapple F-60-3	75		
	Orange Hyb US 1-85-119	24		
Total Midseason	349,982			

Sweet Orange Propagations by Season		Propagations	% of Type	% Sweet Oranges
	Moro B/O 3-3-11	4,402	35.15%	<1%
Blood	Budd B/O DPI-82	3,506	28%	
	Sanguinelli B/O US 10-5-17	2,557	20.42%	
	Moro B/O DPI-50-19	1,836	14.66%	
	Budd B/O UF	192	1.53%	
	Tarocco B/O UF 30-37	27	<1%	
	Total Blood Oranges	12,520		
	Late	Valencia SPB-1-14-19	1,628,926	84.36%
Valencia F-55-4		122,516	6.34%	4.58%
Valencia SPB-1-14-31		108,910	5.64%	4.07%
Sweet Orange UF OLL8		27,418	1.42%	1.02%
Valencia F-55-23		19,248	<1%	<1%
Valencia UF B9-65		11,794		
Sweet Orange UF OLL4		7,824		
Rohde Red 472-11-43		3,402		
Pope F-53-28		700		
Lue Gim Gong F-53-18		10		
Ruby Valencia SL CGIP-244		80		
Total Late Season		1,930,828		
Total Sweet Oranges		2,669,660		

Propagations by Type (other than sweet oranges)			
Grapefruit		# Budded	% Type
Star Ruby Gft DPI-60		73,604	33.56%
Ray Ruby Gft CGIP-103		49,906	22.75%
Flame Gft US 1-26-71		45,045	20.53%
Ruby Red Gft F-58-39		35,674	16.26%
Rio Red Gft CGIP-110		6,918	3.15%
Marsh Gft F-57-4		4,515	2.05%
Thompson Gft 25-3-6		1,591	<1%
Red Gft UF N40-16-11-7		651	
Duncan Gft F-57-19		648	
Jackson Gft DPI-16		401	
Duncan Gft F-56-33		228	
Summer Gold Gft UF N2-28		100	
Marsh Gft 74-1-1		29	
	<b>Total Grapefruit</b>	<b>219,310</b>	
Lemon		# Budded	% Type
Meyer Le US		119,865	60.89%
Bearss Le SPB-341-95-33		28,375	14.41%
Variegated Pink Le US		19,463	9.88%
Ponderosa Le DPI-203-8		11,171	5.67%
Harvey Le F-41-39		7,928	4.02%
Eureka Le UF 3-27		3,013	1.53%
Eureka Le DPI -		2,957	1.50%
Eureka Le SL #2 CGIP-226		1,978	1.00%
Lisbon Le UF 3-9		774	<1%
Verna Le DPI-203-20-b		669	
Eureka Le SL CGIP-223		630	
	<b>Total Lemon</b>	<b>196,823</b>	
Lime		# Budded	% Type
Persian Lime SPB-7		61,960	47.05%
Key Lime SPB-51-12		39,407	29.92%
Kaffir Lime UF		22,857	17.35%
Red Lime 899		5,001	3.79%
Key Lime Thornless F-59-39		2,456	1.86%
	<b>Total Lime</b>	<b>131,681</b>	
Finger Lime		# Budded	% Type
Red Finger Lime DPI-50-36		7,528	52.10%
Finger Lime Giant DPI-205-4		4,813	33.31%
Finger Lime DPI-205-1		1,062	7.35%
UF SunLime		490	3.39%
Australian Finger Lime 697 CGIP-233		243	1.68%
UF RedLime		177	1.22%
White Finger Lime UF KB-37		78	<1%
Round Lime DPI-205-2		47	
Minnie Finger Lime		9	
	<b>Total Finger Lime</b>	<b>14,447</b>	
Pummelo		# Budded	% Type
Hirado Pum US 1-65		9,704	77.06%
Red Pum UF KW-1-50		2,057	16.33%
Siamese Pink Pum UF 6-12A		300	2.38%

Propagations by Type (other than sweet oranges)			
Pummelo Cont.		# Budded	% Type
Pummelo Hyb UF 914		203	1.61%
Pummelo Hyb UF C2-5-03		90	<1%
Red Shaddock UF 5-4A		65	
Oroblanco CGIP-111		65	
Red Pum UF 5-1-99-5-LS		60	
Pummelo Hyb UF 3-1-43		18	
Red Pum UF UKP-1		6	
Red Pum UF C4-2-8		6	
Red Pum UF 5-1-99-5		6	
Pummelo UF N7-4		6	
Pummelo UF N40-16-12-7		6	
	<b>Total Pummelo</b>	<b>12,592</b>	
Rootstocks		# Budded	% Type
Sour Orange F-49-7		524	19.81%
Kuharske 100-1-10		240	9.07%
X-639 DPI-50-8		206	7.79%
US-812		179	6.77%
Volkamer Le US 9-2-19		150	5.67%
US-942		134	5.06%
Sweet Lime F-10-10		132	4.99%
US-897		120	4.53%
Goutou US-3		87	3.29%
Willits US 12-8-19		75	2.83%
Shekwasha US 9-1-27		67	2.53%
Variegated S/O US 18-4		60	2.26%
Rangpur Lime F-3-8		60	2.26%
Kinkoji DPI-50-44		55	2.08%
Kiella Calusa S/O DPI-666-4		50	1.89%
US-1516		50	1.89%
US-802		50	1.89%
P Tri Rubidoux F-16-20		50	1.89%
Flying Dragon US		50	1.89%
Changsha US 9-12-9		49	1.85%
C-54 Carpenter UF		48	1.81%
C-57 Furr UF		48	1.81%
US-896		40	1.51%
Citrange C-35 F-24-10		40	1.51%
C-146 UF		25	<1%
Weeping Dragon		23	
Rough Le Red UF 8-7		14	
Variegated Rough Le US 10-6-11		8	
SuperSour 3		5	
Supersour 2		5	
	<b>Total Rootstock</b>	<b>2,644</b>	
Mandarin		# Budded	% Type
Orri CGIP-134		72,150	24.92%
WG Man 911-C-37		43,950	15.18%
Calamondin DPI-555		37,389	12.91%
Minneola F-60-5		17,256	5.96%

Propagations by Type (other than sweet oranges)		
Owari Sat 874	14,728	5.08%
Sugar Belle UF LB8-9	9,924	3.42%
Nules Clem CGIP-125	9,396	3.24%
Ponkan DPI-50-6	9,358	3.23%
Shiranui CGIP-132	8,640	2.98%
Murcott 130-1-1S	6,834	2.36%
Tango CGIP-168	6,656	2.29%
Owari Sat F-60-23	6,559	2.26%
Dancy F-59-8	5,793	2.00%
W Murcott CGIP-122	5,007	1.72%
Sunburst US 5	4,694	1.62%
WG Man 911-17	4,500	1.55%
Brown Select Sat 61-0-1	4,284	1.47%
Marathon	3,058	1.05%
Clementine US	2,766	<1%
Kishu SL CGIP-137	2,672	
Fallglo US 10-61-3	2,236	
Early Pride US 1-62-122	1,604	
Orlando F-57-5	1,529	
Silver Hill Sat US	1,313	
Page US 2-58	1,086	
Mandarin UF 950	456	
Odem CGIP-219	450	
Ann Sat 911	450	
Rasnake Tangelo 625	450	
Ortanique F-24-26	448	
US Superna	428	
Mandarin USDA PS-N-4-26	270	
Mandarin UF 1859	263	
Variegated Minneola F-2-4	253	
Parson Special US	252	
Mandarin US 1-24-48	244	
Miho Wase Satsuma CGIP-235	240	
Mandarin UF 3-13-51	216	
Kimbrough Sat CGIP-108	155	
Meravit CGIP-220	150	
Fairchild US 6-8	127	
King 18-1-1	120	
Temple 33-6-15	113	
Clem X Yuzu DPI-50-38-2	112	
US Furr	110	
USDA 5-51-2	100	
Okitsu Wase Satsuma CGIP-234	96	
Fina Sodea Clem CGIP-123	84	
Mandarin UF N18A-9-39	74	
Mandarin US N-8-6	66	
Calamandarin F-9-14	56	
Mandarin US N-10-7	55	
Mandarin US 1-8-96	36	

Propagations by Type (other than sweet oranges)		
Mandarin cont.	# Budded	% Type
Pixie Man CGIP-181	30	
Xie Shan Sat CGIP-163	28	
Mandarin US 1-81-193	24	
Man X Org UF RBB-7-34	23	
Mandarin UFGlow 10-02	20	
Robinson US 3-56	15	
Bingo UF 7-6-27	12	
Bower Mandarin	12	
Gold Nugget CGIP-139	12	
Leanri Mandarin CGIP-240	12	
Man X Org UF 6-2-55	12	
Mandarin SL US 1-88-113	12	
Mandarin UF 13-17	12	
Nova US 7-41	12	
Kinnow LS CGIP-193	12	
Total Mandarin	289,504	
Kumquat	# Budded	% Type
Meiwa Kum F-27-29	9,932	47.76%
Long Fruit Kum DPI-603-20-50	6,719	32.31%
Nagami Kum SPB-323-1-1	3,099	14.90%
Centennial Kum US	916	4.40%
Marumi Kum DPI-50-47	100	<1%
Crassifolia Kum CGIP-105	21	
Hong Kong Kum US 10-2	6	
Total Kumquat	20,793	
Other Quats	# Budded	% Type
Lakeland Lqt F-55-26	12,253	98.25%
Eustis Lqt US 16-6-12	100	<1%
Sunquat DPI-50-27	46	
Thomasville Citrqt US 1-20	28	
Orangequat Hyb DPI-203-5	24	
Citrangquat Hyb US 10-3-4	14	
Procimequat UF	6	
Total Other Quats	12,471	
Other Citrus	# Budded	% Type
Yuzu F-9-15	915	40.39%
Buddhas Hand F-8-7	614	27.10%
C latipes DPI-203-19-b	360	15.89%
Limeberry DPI-50-43	256	11.30%
Erem X Shek US 3-67	53	2.33%
Chinotto S/O US 8-41	39	1.72%
Eremocitrus US	28	1.23%
Total Other Citrus	2,265	

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ARB-01-01	Mandarin UFDawn 09-13	US-897	3/31/2016
ARB-01-02	W Murcott CGIP-122	Flying Dragon Trifoliolate	3/31/2011
ARB-01-03	US Furr-ST	Kinkoji	3/31/2011
ARB-01-04	Tango CGIP-168	Sour Orange	4/2/2014
ARB-01-05	Kishu SL CGIP-137	Sour Orange	3/31/2011
ARB-01-06	Cleopatra F-1-7	Own Root	3/2/1978
ARB-01-07	Sun Chu Sha US 9-12-12	US-897	3/30/2020
ARB-01-08	Nasnaran DPI-50-49	Cleopatra	7/17/1991
ARB-01-09	Shekwasha US 9-1-27	Flying Dragon Trifoliolate	7/9/2012
ARB-01-10	Batangus US 10-45	Kinkoji	2/26/2020
ARB-01-11	Fremont US 6-49	2247x2075-01-2	3/4/2020
ARB-01-12	Sunki DPI-50-50	US-897	3/31/2016
ARB-01-13	Mandarin UF 13-09	Volkamer Lemon	5/19/2021
ARB-01-14	Mandarin UFGlow 10-02	US-897	4/6/2020
ARB-02-01	Mandarin UFSunrise 09-04	US-897	3/31/2016
ARB-02-02	Mandarin Mid UF 711	Bittersweet	3/3/2020
ARB-02-03	Orri CGIP-134	US-897	4/2/2014
ARB-02-04	Tahoe Gold CGIP-140	Kinkoji	3/31/2011
ARB-02-05	Gold Nugget CGIP-139	Kinkoji	3/31/2011
ARB-02-06	Tami CGIP-145	Kinkoji	3/31/2011
ARB-02-07	Owari Sat F-60-25B	Kinkoji	6/14/2004
ARB-02-08	Silver Hill Sat US	Kinkoji	4/2/2014
ARB-02-09	Vacant		
ARB-02-10	Fallglo US 10-61-3	Kinkoji	6/14/2004
ARB-03-01	Summer Gold Gft UF N2-28	US-897	3/31/2016
ARB-03-02	Isle O Pine Gft US	Cleopatra	4/11/1990
ARB-03-03	Royal Gft US 4-39	Flying Dragon Trifoliolate	8/11/2014
ARB-03-04	Siamese Pum UF 6-9A	Cleopatra	6/15/1978
ARB-03-05	Vacant		
ARB-03-06	US Seedless Surprise	Sour Orange	7/14/2021
ARB-03-07	Dobashi Sat DPI-50-28	Own Root	9/11/1997
ARB-03-08	Early Pride US 1-62-122	US-897	3/31/2016
ARB-03-09	Seedless Snack UF N40W-6-3	US-897	3/31/2016
ARB-03-10	Minneola F-60-5	Kinkoji	10/4/1994
ARB-03-11	Minneola F-60-5	Flying Dragon Trifoliolate	4/2/2014
ARB-03-12	Minneola F-60-5	Sour Orange	6/12/2019
ARB-03-13	Marathon	Bittersweet	3/28/2022
ARB-03-14	Nocatee F-25-26	Kinkoji	3/16/2000
ARB-03-15	Cipo US 10A-7-10	Goutou	9/11/1997
ARB-04-01	Red Pum UF C2-5-12	US-897	3/31/2016
ARB-04-02	Red Pum UF 5-1-99-5	US-897	3/31/2016
ARB-04-03	Red Pum UF C4-11-19	Swingle	9/1/2020
ARB-04-04	Red Shaddock UF 5-4A	Cleopatra	4/11/1990
ARB-04-05	Red Pum UF UKP-1	Swingle	9/1/2020
ARB-04-06	Ruby Red Gft -	Swingle	6/12/2019

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ARB-04-07	Pummelette UF 5-1-99-2	US-897	3/5/2020
ARB-04-08	Early Pride US 1-62-122	US-942	6/12/2019
ARB-04-09	Ponderosa Le DPI-203-8	Volkamer Lemon	3/10/2021
ARB-04-10	Variegated Pink Le US	2247x2075-01-2	3/30/2020
ARB-04-11	Bearss Le SPB-341-95-33	Sour Orange	2/25/2022
ARB-04-12	Nova US 7-41	Kinkoji	4/14/1999
ARB-04-13	Vacant		
ARB-04-14	Mandarin UF 950	US-897	3/31/2016
ARB-04-15	Dweet Tangor F-8-18	Bittersweet	3/17/2022
ARB-04-16	Murcott 130-1-1S	Flying Dragon Trifoliolate	4/2/2014
ARB-05-01	Vacant		
ARB-05-02	Kao Phuang Pum UF 5-2	Cleopatra	4/11/1990
ARB-05-03	Le Pum 748-32	Kinkoji	3/16/2000
ARB-05-04	Hirado Pum 939-10	Kinkoji	5/26/2010
ARB-05-05	Siamese Pink Pum UF 6-12A	Kinkoji	4/14/1999
ARB-05-06	Shambar Gft US 3-63	Flying Dragon Trifoliolate	4/2/2014
ARB-05-07	Duncan Gft F-57-19	Bittersweet	5/10/2022
ARB-05-08	Citron DPI-201	Kinkoji	5/26/2010
ARB-05-09	Nine Pound Le DPI-201-21	Kinkoji	4/2/2014
ARB-05-10	Volkamer Le US 9-2-19	Cleopatra	7/17/1991
ARB-05-11	Harvey Le F-41-39	Sour Orange	6/12/2019
ARB-05-12	Rough Le Estes SPB-602	Sour Orange	5/26/2010
ARB-05-13	Rough Le Red UF 8-7	Kinkoji	3/31/2011
ARB-05-14	Bangladesh Le DPI-633-1	Volkamer Lemon	2/25/2020
ARB-05-15	Vangasay Le US 9-1-23	Sour Orange	3/31/2020
ARB-05-16	Daisy CGIP-120	Cleopatra	8/27/2020
ARB-05-17	Valencia SPB-1-14-19	Bittersweet	6/1/2019
ARB-05-18	King 18-1-1	Bittersweet	4/1/2020
ARB-06-01	US Seedless Surprise	Volkamer Lemon	7/14/2021
ARB-06-02	Jackson Gft DPI-16	US-897	4/2/2014
ARB-06-03	Large Pink Pum US 6-57	Kinkoji	6/14/2004
ARB-06-04	Siamese Swt Pum DPI-203-16	Kinkoji	6/14/2004
ARB-06-05	Flame Gft US 1-26-71	Swingle	6/12/2019
ARB-06-06	Ray Ruby Gft CGIP-103	Swingle	6/12/2019
ARB-06-07	Ray Ruby Gft CGIP-103	Swingle	4/2/2014
ARB-06-08	Citron DPI-201	Kinkoji	4/17/2009
ARB-06-09	Etrog Citron DPI-223-861	Own Root	6/3/2005
ARB-06-10	Garrett B/O DPI-666-1	Volkamer Lemon	6/8/2020
ARB-06-11	Garrett B/O DPI-666-2	US-897	6/13/2022
ARB-06-12	Garrett B/O DPI-666-3	Sour Orange	6/11/2020
ARB-06-13	Sweet Orange UF OLL8	UFR-04	9/2/2020
ARB-06-14	Variegated Rough Le US 10-6-11	Sour Orange	3/1/2021
ARB-06-15	Vacant		
ARB-06-16	Wekiwa US 11-7	Kinkoji	6/9/2010
ARB-06-17	Vacant		

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ARB-06-18	White Tangelo 956-1	Kinkoji	7/9/2012
ARB-07-01	Vacant		
ARB-07-02	Liang Ping Pum UF 8811	Cleopatra	7/17/1991
ARB-07-03	Pummelo UF N7-4	US-897	3/31/2016
ARB-07-04	Pink Pum Hyb US 10-1-1	Cleopatra	7/17/1991
ARB-07-05	Pandan Wangi Pum US	Cleopatra	7/17/1991
ARB-07-06	Ichang Papeda US 42	Own Root	4/17/2009
ARB-07-07	Ichang Le US 2-33	Kinkoji	3/16/2000
ARB-07-08	Mel Papeda US	Flying Dragon Trifoliate	9/20/2012
ARB-07-09	Kaffir Lime UF	Cleopatra	7/17/1991
ARB-07-10	Meyer Le SPB-199-1-1	Cleopatra	7/17/1991
ARB-07-11	Sweet Lime F-10-10	Bittersweet	6/9/2022
ARB-07-12	Sweet Orange UF OLL4	UFR-04	9/2/2020
ARB-07-13	Baboon Le US 2-25	Flying Dragon Trifoliate	3/31/2011
ARB-07-14	Vacant		
ARB-07-15	Ugli DPI-74	Kinkoji	4/14/1999
ARB-07-16	Sweet Orange SL UF C4-16-12	US-897	3/3/2020
ARB-07-17	Temple 33-6-15	US-897	3/31/2016
ARB-07-18	Vacant		
ARB-07-19	Dancy F-59-8	Sour Orange	5/19/2021
ARB-08-01	US-942	Volkamer Lemon	3/1/2021
ARB-08-02	Crisafulli Navel 956-6	US-897	4/2/2014
ARB-08-03	Kuharske 100-1-10	Kinkoji	4/14/1999
ARB-08-04	Madam Vinous UF 13	US-897	4/6/2021
ARB-08-05	Flying Dragon US	Own Root	4/17/2009
ARB-08-06	P Tri DPI-50-7	Own Root	7/21/1986
ARB-08-07	Salad Tree		3/23/2022
ARB-08-08	Salad Tree		5/25/2022
ARB-08-09	Meyer Lemon -	Sour Orange	6/12/2019
ARB-08-10	Sundiatgo US 5-17	Kinkoji	7/9/2012
ARB-08-11	Sanbokan US 7-55	Kinkoji	6/14/2004
ARB-08-12	Hyuganatsu US 12-43	Sun Chu Sha	8/1/1994
ARB-08-13	Everbearing Le US 9-1-64	Kinkoji	7/9/2012
ARB-08-14	Calamandarin F-9-14	Cleopatra	4/14/1999
ARB-08-15	Yuzu F-9-15	Kinkoji	7/21/2000
ARB-08-16	Parson Special CGIP-101	Cleopatra	3/16/2000
ARB-08-17	Yosemite Gold CGIP-141	US-897	3/31/2020
ARB-08-18	Dancy F-59-8	Sun Chu Sha	6/14/2004
ARB-09-01	Itaborai UF 31-6	Flying Dragon Trifoliate	4/16/2003
ARB-09-02	Vacant		
ARB-09-03	Sinton Citrqt US	US-812	6/3/2005
ARB-09-04	Centennial Kum US	2247x2075-01-2	2/27/2020
ARB-09-05	P Tri DPI-50-7	Volkamer Lemon	6/18/2020
ARB-09-06	Nordmann Kum DPI-203-1	Kinkoji	4/2/2014
ARB-09-07	Marumi Kum DPI-50-47	Flying Dragon Trifoliate	8/11/2014

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ARB-09-08	Procimequat UF	Own Root	4/30/2010
ARB-09-09	Torregrossa US 7-3	Flying Dragon Trifoliolate	7/21/2000
ARB-09-10	Limeberry DPI-50-43	Own Root	5/26/2010
ARB-09-11	Rangpur Lime F-3-8	Flying Dragon Trifoliolate	4/17/2009
ARB-09-12	Sweet Lime F-10-10	Kinkoji	4/14/1999
ARB-09-13	Lakeland Lqt F-55-26	Cleopatra	7/17/1991
ARB-09-14	Lemonquat US 2-31	Volkamer Lemon	4/21/2022
ARB-09-15	Sunquat DPI-50-27	Goutou	6/14/2004
ARB-09-16	Vacant		
ARB-09-17	Fina Sodea Clem CGIP-123	Sour Orange	8/24/2020
ARB-09-18	Monreal Clem CGIP-109	Swingle	6/14/2004
ARB-09-19	Keraji DPI-50-38-3	Own Root	7/9/2012
ARB-09-20	Vacant		
ARB-10-01	Westin UF 47-2	Flying Dragon Trifoliolate	4/16/2003
ARB-10-02	Microcitrus Inodor US 80-527A	Kinkoji	2/25/2020
ARB-10-03	Glen Navel F-56-11	US-942	6/12/2019
ARB-10-04	Finger Lime Giant (possible Sydney Relative)	Own Root	6/27/2012
ARB-10-05	Sydney Hyb US	Flying Dragon Trifoliolate	6/27/2012
ARB-10-06	UF SunLime	Bittersweet	7/14/2022
ARB-10-07	Finger Lime Giant DPI-205-4	Volkamer Lemon	1/9/2020
ARB-10-08	Finger Lime DPI-205-1	Swingle	1/9/2020
ARB-10-09	UF RedLime	Volkamer Lemon	7/14/2022
ARB-10-10	Microcitrus Papuana US	US-812	5/26/2010
ARB-10-12	Red Finger Lime DPI-50-36	Own Root	5/26/2010
ARB-10-13	Eustis Lqt US 16-6-12	Cleopatra	8/12/2020
ARB-10-14	Key Lime SPB-51-12	Flying Dragon Trifoliolate	7/9/2012
ARB-10-15	Vacant		
ARB-10-16	Key Lime SPB-51-12	Kuharske	7/9/2012
ARB-10-17	Round Lime DPI-205-2	Cleopatra	3/5/2020
ARB-10-18	Key Lime Thornless F-59-39	Kinkoji	8/11/2014
ARB-10-19	Persian Lime SPB-7	Sour Orange	6/6/2016
ARB-10-20	Orange Jasmine	Own Root	10/23/2019
ARB-10-21	Orange Jasmine	Own Root	10/23/2019
ARB-11-01	Earlygold UF 33-4	Flying Dragon Trifoliolate	4/16/2003
ARB-11-02	Valquarius		6/12/2019
ARB-11-03	C moi F-11-8W	Sour Orange	5/26/2010
ARB-11-04	Pineapple SL US 10B-6-30	Kinkoji	10/4/1994
ARB-11-05	Raratonga Swt US	Swingle	2/21/1992
ARB-11-06	Vacant		
ARB-11-07	Florida EV1 UF B7-70	Swingle	6/12/2019
ARB-11-08	Valencia SPB-1-14-19	Flying Dragon Trifoliolate	9/11/1997
ARB-11-09	Valencia F-55-4	Flying Dragon Trifoliolate	9/11/1997
ARB-11-10	Willowleaf S/O F-12-9	Own Root	6/13/1980
ARB-11-11	Natsumikan DPI-50-48	Own Root	5/1/1980
ARB-11-12	Kinkoji DPI-50-44	Own Root	5/1/1980



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ARB-11-13	Smooth Flat Sev US 2-2-14	Kinkoji	4/14/1999
ARB-11-14	Corniculata DPI-50-35	Own Root	6/9/2010
ARB-11-15	Orange Jasmine	Own Root	10/23/2019
ARB-12-01	Cadenera US 5-15	Kinkoji	5/26/2010
ARB-12-02	Homosassa 56-10-28	Cleopatra	6/14/2004
ARB-12-03	Mediterranean Swt F-58-38	Smooth Flat Seville	4/14/1999
ARB-12-04	Parson Brown F-56-2	Kinkoji	9/11/1997
ARB-12-05	Enterprise 609-14-17	US-897	7/9/2012
ARB-12-06	Vernia UF 35-15	US-942	6/12/2019
ARB-12-07	Jaffa F-53-38	Kinkoji	4/17/2009
ARB-12-08	Sugar Belle UF LB8-9	Sour Orange	9/24/2020
ARB-12-09	A+Volk UF 19-11-31	Own Root	3/29/2022
ARB-12-10	Bittersweet SPB-400-40-179N	US-812	6/3/2005
ARB-12-11	Variegated S/O US 18-4	US-812	6/3/2005
ARB-12-12	Sour Orange F-49-7	US-812	7/9/2012
ARB-12-13	Bouquet De Fleurs UF 18	Smooth Flat Seville	4/14/1999
ARB-13-01	Gardner US 6-16	Kinkoji	6/3/2005
ARB-13-02	Wild Turkey Navel 941-11-30-1	Kinkoji	5/26/2010
ARB-13-03	Pera US 7-39	Kinkoji	7/21/2000
ARB-13-04	Roble 502-4-12	Kinkoji	4/16/2003
ARB-13-05	Pope F-53-28	Smooth Flat Seville	4/14/1999
ARB-13-06	Midsweet US 6-9	80-5	7/31/2000
ARB-13-07	Vacant		
ARB-13-08	Zhu Luan DPI-50-21	Own Root	4/11/1990
ARB-13-09	Nansho Daidai DPI-50-45	Cleopatra	4/6/2020
ARB-13-10	Vacant		
ARB-14-01	Akcay Sekeri 3-3-10	Flying Dragon Trifoliolate	4/16/2003
ARB-14-02	Dream Navel DPI-58	Flying Dragon Trifoliolate	4/17/2009
ARB-14-03	Navelo 81-16-15	Flying Dragon Trifoliolate	5/7/2009
ARB-14-04	Santa Cat Navel US 1	Kinkoji	3/16/2000
ARB-14-05	Thomson Navel US 4-5	Kinkoji	6/27/1996
ARB-14-06	Cara Cara Navel CGIP-104	Orlando Tangelo	8/18/1986
ARB-14-07	Pineapple 1-27-11	X-639	4/25/1997
ARB-14-08	Ruby Swt (35) UF	Swingle	10/4/1994
ARB-15-01	Vacant		
ARB-15-02	Marmelos F-16-1	Own Root	6/5/1987
ARB-15-03	Afraegle F-16-2	Own Root	4/11/1990
ARB-15-04	Gabonensis F-16-3	Own Root	4/11/1990
ARB-15-05	Cara Cara Navel CGIP-104	C-35	8/11/2014
ARB-16-01	C excelsa US 60-169-502	Sour Orange	5/26/2010
ARB-16-02	Curry Leaf DPI-50-51	Own Root	9/22/1979
ARB-16-03	Afraegle F-16-2	Own Root	4/11/1990
ARB-17-01	Calamondin DPI-555	Sun Chu Sha	3/31/2016
ARB-17-02	Jackfruit	Own Root	3/1/2019
ARB-17-03	Glycosmis F-17.5-2	Own Root	3/1/1978

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Location	Variety Clone	Rootstock	Date Set
ARB-17-04	Atalantia US 11-8-76	Own Root	8/20/1992
ARB-17-05	Hesperethusa UF	Own Root	9/28/1990
ARB-17-06	Hesperethusa UF	Own Root	9/28/1990
ARB-17-07	Hercules F-17-7S	Own Root	
ARB-17-08	Buxifolia DPI-50-40	Own Root	12/11/2019
ARB-18-01	Eremocitrus US	Smooth Flat Seville	5/8/1992
ARB-18-02	Hercules F-17-7S	Own Root	9/11/1987
ARB-18-03	Prickly Ash F-17-8	Own Root	4/20/1988
ARB-18-04	Hamlin -		6/12/2019
ARB-18-05	Cara Cara Navel CGIP-104		6/12/2019
ARB-19-01	Vacant		
ARB-19-02	Thomasville Citrqt US 1-20	Kinkoji	4/25/1997
ARB-19-03	Vacant		
ARB-19-04	Rohde Red 472-11-43	Kinkoji	6/14/2004
ARB-19-05	Valencia -		6/12/2019
ARB-19-06	Akcay Sekeri 3-3-10	Unknown	11/18/2020
ARB-20-01	Pamburus US	Own Root	8/18/1983
ARB-20-02	Vacant		
ARB-20-03	Vacant		
ARB-20-04	Wild Turkey Navel 941-11-30-1	Kinkoji	3/31/2011
ARB-20-05	Lane Navel CGIP-121	Kinkoji	4/14/1999
ARB-20-06	Bahianinha Navel US 9-6-47	Kinkoji	4/2/2014
ARB-21-01	Vacant		
ARB-21-02	Sapote W F-20-7	Own Root	5/1/1978
ARB-21-03	Sapote W DPI-204	Own Root	8/18/1983
ARB-21-04	Budd B/O DPI-82	Volkamer Lemon	4/27/2021
ARB-21-05	Midknight CGIP-119	US-897	7/9/2012
ARB-21-06	Vacant		
ARB-21-07	Tresca US 10C-2-4	Kinkoji	7/9/2012
ARB-21-08	Tarocco B/O UF 30-37	Kinkoji	6/27/1996
ARB-21-09	Vacant		
ARB-OFF-01	Chinotto S/O US 8-41	Sun Chu Sha	4/2/2014
ARB-OFF-02	Procimequat UF	Own Root	3/1/1978
ARB-OFF-03	Procimequat UF	Volkamer Lemon	6/22/2021
ARB-OFF-04	Hong Kong Kum US 10-2	Own Root	8/11/2014
ARB-OFF-05	Meiwa Kum F-27-29	US-897	6/17/2020
ARB-OFF-06	Round Lime DPI-205-2	Sour Orange	8/25/2020
ARB-OFF-07	Long Fruit Kum DPI-603-20-50	Cleopatra	2/5/1992
ARB-OFF-08	Crassifolia Kum CGIP-105	Rough Lemon	7/17/1991
ARB-OFF-09	Buddhas Hand F-8-7	2247x2075-01-2	3/17/2022
ARB-OFF-10	Vacant		
ARB-OFF-11	Buddhas Hand F-8-7	Sour Orange	3/17/2022
ARB-OFF-12	Limeberry DPI-50-43	Own Root	9/9/9999
ARB-OFF-13	Red Finger Lime DPI-50-36	Own Root	8/11/2014
ARB-OFF-14	Meiwa Kum F-27-29	Cleopatra	3/16/2000

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Location	Variety Clone	Rootstock	Date Set
ARB-OFF-15	Vacant		
ARB-OFF-16	Vacant		
ARB-OFF-17	Chinotto S/O US 8-41	Sun Chu Sha	7/9/2012
ARB-POT-01	Marumi Kum DPI-50-47	US-942	6/9/2022
ARB-POT-02	Marumi Kum DPI-50-47	Volkamer Lemon	6/9/2022
ARB-POT-04	Chinotto S/O US 8-41	Volkamer Lemon	6/22/2021
ARB-POT-05	Finger Lime DPI-205-1	Bittersweet	6/6/2022
ARB-POT-06	Hong Kong Kum US 10-2	US-897	4/7/2020
ARB-POT-07	Eremocitrus x Shekwa	Own Root	4/10/2020
ARB-POT-08	Sour Orange UF 18-11	Kinkoji	10/21/2021
ARB-POT-09	Sour Orange UF 18-11	Kinkoji	10/21/2021

### Budwood Availability

Some varieties are unavailable as they are not yet released; others may only be available to nurseries with license agreements.

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	#Trees	Restricted
A+FD UF 19-11-10				1	®, CBI	Blue Lake Orange 956-2				1	®
A+Volk UF 19-11-31				1	®, CBI	Bouquet De Fleurs UF 18				1	
Abers S/O US 8-35		1	8	1		Bower Mandarin				2	®, CBI
Acid Fruit Hyb UF C4-15-8				1	®, CBI	Brazilian Le US 3-18				1	
Acid Fruit Hyb UF C4-3-35				1	®, CBI	Brown Select Sat 61-0-1		4	5	3	
Acid Fruit Hyb UF C4-5-20				1	®, CBI	Budd B/O DPI-82		2	2	3	
Acid Fruit Hyb UF C4-8-40				1	®, CBI	Buddhas Hand F-8-7		3	5	1	
Akca Sekeri 3-3-10				1		Burgundy Gft 416-7-1				1	
Ambersweet US 10-14-65		1	1			C excelsa US 60-169-502				1	
Ambersweet US 10-5-65		1	1	3		C Iyo Tangor US 9-1-23				1	
Ann Sat 911		1	1			C latipes DPI-203-19-b		1	4	1	®
Atalantia US 11-8-76				1		C macrophylla DPI-226				4	
Atwood Navel CGIP-201				2		C micrantha UF				1	
Australian Finger Lime 697 CGIP-233		1	1	4		C moi F-11-8W				1	
Avana 4N CGIP-189				2		C neoaurantium DPI-50-46				1	
Baboon Le US 2-25				1		C tachibana US 1-67				1	
Bahianinha Navel US 9-6-47				3		C-146 UF		3	113	2	
Bangladesh Le DPI-633-1				1		C-22 Bitters UF		3	113	2	
Barao UF 135				1	®	C5282 CGIP-153				2	®
Bearss Le SPB-341-95-33		6	16	7		C-54 Carpenter UF		4	437	2	
Benton UF		1	5	1		C-57 Furr UF		3	184	2	®
Bergamot US 9-12-15				1		Cadenera US 5-15				1	
Berna UF				2	®	Calamandarin F-9-14				1	
Bigaradier Apepu S/O US 13-39				1		Calamondin DPI-555		5	26	4	
Bingo UF 7-6-27		8	29	5	®, Fast	Callie Orange DPI-203-17		1	5		
Bittersweet F-21-14						Cambria Navel CGIP-179		1	4	2	
Blossomsweet Gft DPI-50-38-1				1		Cameron Le US				1	

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Cara Cara Navel CGIP-104		8	21	14		Delta CGIP-118				2	
Carney Orange DPI-229-2		2	3	2		Dickinson 595		2	59	1	
Carney Orange DPI-229-3		3	7	1		Dickinson Gold Valencia 595-1		2	3	1	
Carrizo 188 Thionin-EDR-1 US				1	®, CBI	Disticha DPI-50-24				1	
Carrizo F-52-16		2	28	3		Dobashi Sat DPI-50-28		2	3	1	
Carrizo-Mthionin-1 US TG				3	®, CBI	Dream Navel DPI-58		1	1	5	
Carrizo-Mthionin-2 US TG				2	®, CBI	Duncan Gft F-56-33		1	2	3	
Carrizo-Mthionin-3 US TG				3	®, CBI	Duncan Gft F-57-19		3	4	2	
Carrizo-ScFv-1 US TG				3	®, CBI	Dweet Tangor F-8-18				1	
Carrizo-ScFv-2 US TG				2	®, CBI	Early Pride US 1-62-122		5	10	6	®, (NV)
Carrizo-ScFv-3 US TG				3	®, CBI	Earlygold UF 33-4		3	3	2	
Carrizo SPB-330		2	19			Ellendale DPI-84-11-32				1	
Carrizo-Thionin-LBP-1 US TG				2	®, CBI	Eloise CGIP-155				1	®
Carrizo-Thionin-LBP-2 US TG				2	®, CBI	Enterprise 609-14-17				1	
Carvalho 3-3-37				1		Erem X Shek US 3-67				1	
Centennial Kum US		2	3	4		Eremocitrus US				1	
Changsha + Benton UF 18-9-6				1	®, CBI	Escondido Le UF				1	
Changsha US 9-12-9				1		Etrog Citron DPI-223-861		1	3	1	
Chinese Pum UF 5-17				1		Eureka Le DPI -		5	14	2	
Chinotto S/O US 8-41		1	2	1		Eureka Le SL #2 CGIP-226		1	2	6	®
Chislett Late Navel CGIP-190				2		Eureka Le SL CGIP-223		2	6	1	
Cipo US 10A-7-10				1		Eureka Le UF 3-27				1	
Citrandarin CGIP-222				1		Eureka Le UF C4-9-30				1	®, CBI
Citrange C-32 US		1	34	1		Eustis Lqt US 16-6-12		2	2	1	
Citrange C-35 F-24-10		5	121	1		Everbearing Le US 9-1-64				1	
Citrangequat Hyb US 10-3-4				1		Fairchild US 6-8				4	
Citron DPI-201				1		Fallglo US 10-61-3		2	6	2	
Citrum F-80-6				1		Faustrimedini DPI-205-3				1	
Citrum F-80-8				1		Fertic Te DPI-216				3	
Citrum F-W-4				1		FG-1731 UF				1	®, CBI
CIVAC 19 CGIP-241		1	4	1		Fina Sodea Clem CGIP-123		1	2	5	
Clem X Yuzu DPI-50-38-2				1		Finger Lime DPI-205-1		2	2	2	
Clementine Haploid CGIP-180				1	®	Finger Lime Giant DPI-205-4		3	3	3	
Clementine US				1		Fisher Navel CGIP-135				2	
Cleopatra F-1-7		6	6	1		Flame Gft US 1-26-71		9	33	7	
Cleopatra F-47-2		3	40			Florida EV1 UF B7-70		8	35	2	®, CBI
Cocktail Gft DPI-50-38-5				1		Florida EV2 UF SF14W-65		8	27	2	®, CBI
Crassifolia Kum CGIP-105				1		Flying Dragon US		2	21	5	
Crisafulli Navel DPI-221-1		1	2	1		Folha Murcha UF 211				1	®
Cybrid Dancy KW-5-7				2	®, CBI	Fortune US 9E-10-23				1	
Cybrid Flame UF C4-3-32				1	®, CBI	Foster Gft 65-1-8-27				1	
Daisy CGIP-120		1	1	2		Fremont US 6-49		1	1	1	
Daisy LS CGIP-191				1		Fukumoto Navel CGIP-133				2	
Dancy F-59-8		5	7	3		Furr LS UF 18A-10-11				1	®, CBI
Dancy UF 12-32				1	®, CBI	Furr LS UF B-A-32.5				1	®, CBI

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Garrett B/O DPI-666-2				2	®	Iapar 73 UF 217				1	®
Garrett B/O DPI-666-3				2	®	Ice Tea Le UF C4-6-49				1	®, PR
Gillets UF				1		Ichang Le US 2-33		1	1	1	
Glen Navel F-56-11		9	31	12		Imperial Gft CGIP-151				1	
Glen Navel F-56-12		1	1			Isle O Pine Gft US				1	
Gold Nugget CGIP-139		3	4	3	®, (NV)	Itaborai UF 31-5		1	1		
Goutou US-3		1	20	1		Itaborai UF 31-6				2	
Grapefruit Hyb UF 1906				1	®, CBI	Jackson Gft DPI-16		1	1	5	
Grapefruit Hyb UF 1919				1	®, CBI	Jaffa F-53-38				1	
Grapefruit Hyb UF 1924				1	®, CBI	Jincheng UF 175				1	®
Grapefruit Hyb UF 1929				1	®, CBI	Joe's Early CGIP-238		1	1	1	
Grapefruit Hyb UF P1				1	®, CBI	K X R UF				1	
Grapefruit Hyb US 1-83-179				2	®, CBI	Kaffir Lime UF		6	13	2	
Grapefruit Hyb US 1-83-227				2	®, CBI	Kao Phuang Pum UF 5-2				1	
Grapefruit Hyb US 4-4-1				2	®, CBI	Kara US 9E-9-21				1	
Grapefruit Hyb US 6-20-151				2	®, CBI	Karna US				1	
Grapefruit Hyb US 6-59-158				1	®, CBI	Kedem CGIP-147		1	1		
Grapefruit UF 00-02				2	®, CBI	Keraji DPI-50-38-3				1	
Grapefruit UF 11-06				2	®, CBI	Key Lime Giant US		1	1	1	
Grapefruit UF 12-04				1	®, CBI	Key Lime SPB-51-12		8	29	4	
Grapefruit UF 14-09				1	®, CBI	Key Lime Thornless F-59-39		2	2	1	
Grapefruit UF 17-14				1	®, CBI	Khalily US 2-29				1	
Grapefruit UF 19-08				1	®, CBI	Kiella Calusa S/O DPI-666-4		1	4	1	
Grapefruit UF 9-5-16				2	®, CBI	Kimbrough Sat CGIP-108		1	1	2	
Grapefruit UF N40-16-11-11				1	®, CBI	King 18-1-1		2	3	3	
Hadas CGIP-221		1	1	2	®, ISR	Kinkoji DPI-50-44		5	130	1	
Hamlin 1-4-1		20	274	37		Kinnow LS CGIP-193				1	
Hamlin 74 Thionin-LBP-1 US TG				1	®, CBI	Kinnow US 9E-9-27				2	
Hamlin 8-1-4		4	43	24		Kinokuni US 11-65				1	
Hamlin 8-1-5		3	11	15		Kirkwood Red Navel CGIP-239		1	1	2	
Hamlin UF N13-32				4	®, 2015,	Kishu SL CGIP-137		2	5	3	
Hamlin US 1262				1	®, CBI	Kiyomi Tangor CGIP-136				1	
Hamlin US 1266				1	®, CBI	Kuharske 100-1-10		10	392	3	
Hamlin US 1612				1	®, CBI	Kuharske 100-1-18		3	86		
Hamlin-Mthionin-1 US TG				2	®, CBI	Kunembo US 3-10-3				2	
Hamlin-Mthionin-2 US TG				3	®, CBI	Lakeland Lqt F-55-26		3	7	3	
Hamlin-Mthionin-3 US TG				2	®, CBI	Lane Navel CGIP-121		2	4	6	
Harvey Le F-41-39		5	13	3		Large Pink Pum US 6-57				1	
Hass Pink Navel DPI-203-21				1		Le Pum 748-29				2	
Hesperethusa UF				1		Le Pum 748-32				1	
Hirado Pum US 1-65		6	22	5		Leanri Mandarin CGIP-240		1	1	1	
Homosassa 56-10-28				1		Lee US 2-56		2	2	3	
Hong Kong Kum US 10-2				4		Lemon Hyb UF C4-3-4				1	®, CBI
Hudson Gft US				1		Lemon Hyb UF C4-4-16				1	®, CBI
Hyuganatsu US 12-43				1		Lemon Hyb UF C4-5-14				1	®, CBI

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Lemon Hyb UF C4-8-3				1	®, CBI	Madam Vinous UF 13				1	
Lemon Hyb UF C4-8-34				1	®, CBI	Malayan Kum UF 10				1	
Lemon Hyb UF LB-6-17				1	®, CBI	Man Hyb UF VNB-36-4				1	®, CBI
Lemon UF 1-10-56				1	®, CBI	Man Hyb UF VNB-40-4				2	®, CBI
Lemon UF 1-14-10				1	®, CBI	Man x Org LT UF RBB-7-34				3	®, Fast
Lemon UF 1-1-42				1	®, CBI	Man X Org UF 6-2-55				1	®, CBI
Lemon UF 1-14-24				1	®, CBI	Man X Org UF RBB-6-25				2	®, CBI
Lemon UF 1-1-55				1	®, CBI	Man X Org UF RBB-7-34				2	®, Fast
Lemon UF 1-15-50				2	®, CBI	Mandalate CGIP-154	1	1		1	®, NV
Lemon UF 1-19-55				2	®, CBI	Mandalime UF 13-08				1	®, CBI
Lemon UF 1-20-31				1	®, CBI	Mandalime UF 15-04				1	®, CBI
Lemon UF 1-20-6				1	®, CBI	Mandarange UF 4-71				2	®, CBI
Lemon UF 1-2-8				1	®, CBI	Mandarange UF SB-7-13				2	®, CBI
Lemon UF 1-3-17				1	®, CBI	Mandarange UF SB-8-17				2	®, CBI
Lemon UF 1-6-18				1	®, CBI	Mandarange UF SB-8-70				2	®, CBI
Lemon UF 1-8-57				1	®, CBI	Mandared CGIP-166				3	®
Lemon UF 1-9-42				1	®, CBI	Mandarin 4x Cybrid 304 UF				1	®, CBI
Lemon UF 2-0-19				1	®, CBI	Mandarin DPI-50-34				1	
Lemon UF 2-21-5				1	®, CBI	Mandarin LS UF N40W-5-1				1	®, CBI
Lemon UF 2-23-39				1	®, CBI	Mandarin LS US 1-22-79				2	®, CBI
Lemon UF 2-2-48				1	®, CBI	Mandarin LS US 4-13-31				2	®, CBI
Lemon UF 2-3-28				2	®, CBI	Mandarin LS US 4-13-39				1	
Lemon UF 2-3-33				2	®, CBI	Mandarin LS US 4-13-7				2	®, CBI
Lemon UF FP 18-01				1	®, CBI	Mandarin Mid UF 711				3	®, Fast
Lemon UF FP 18-03				1	®, CBI	Mandarin Mid UF 711 Mixup				2	®, Fast
Lemonquat US 2-31	1	1		1		Mandarin SL UF C4-15-21 (19)				4	®, Fast
Lemorlime UF C4-5-27				1	®, CBI	Mandarin SL US 1-35-21				1	
Leo X Te US 5-8-122				3	®	Mandarin SL US 1-35-81				2	®, CBI
Liang Ping Pum UF 8811				3		Mandarin SL US 1-87-170				1	®, CBI
Lime Hyb UF C4-10-11				1	®, CBI	Mandarin SL US 1-88-113				1	®, CBI
Lime Hyb UF C4-10-8				1	®, CBI	Mandarin SL US 6-1-41				2	®, CBI
Lime Hyb UF C4-6-52				1	®, CBI	Mandarin SL US 6-2-110				1	®, CBI
Lime Hyb UF C4-8-14				1	®, CBI	Mandarin SL US B1-SH-6-9				1	®, CBI
Lime Hyb UF C4-8-48				3	®, CBI	Mandarin UF 05-04				1	®, CBI
Lime Hyb UF C4-9-33				1	®, CBI	Mandarin UF 09-08				1	®, CBI
Lime Hybrid UF 17-02				1	®, CBI	Mandarin UF 10-04				1	®, CBI
Lime Hybrid UF 17-03				1	®, CBI	Mandarin UF 11-01				1	®, CBI
Lime SL Hyb UF C4-4-26				1	®, CBI	Mandarin UF 11-02				2	
Lime SL Hyb UF C4-6-35				1	®, CBI	Mandarin UF 11-08				1	®, CBI
Limeberry DPI-50-43				1		Mandarin UF 11-10				1	®, CBI
Limonia UF				1		Mandarin UF 12-01				2	®, CBI
Lisbon Le UF 3-9	4	6		2		Mandarin UF 12-03				1	®, CBI
Long Fruit Kum DPI-603-20-50	1	5				Mandarin UF 12-06				2	®, CBI
Loretto Lime 874-1	1	1				Mandarin UF 12-07				1	®, CBI
M-7 Early Navel CGIP-194	1	11				Mandarin UF 12-08				2	®, CBI

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Mandarin UF 13-09				3	®, CBI	Mandarin UF 18A-3-40				1	®, CBI
Mandarin UF 13-12				1	®, CBI	Mandarin UF 18A-4-35				1	®, CBI
Mandarin UF 13-13				1	®, CBI	Mandarin UF 18A-4-46				1	®, CBI
Mandarin UF 13-14				2	®, CBI	Mandarin UF 18A-8-25				2	®, CBI
Mandarin UF 13-17				2	®, CBI	Mandarin UF 18A-8-42				1	®, CBI
Mandarin UF 14-04				1	®, CBI	Mandarin UF 18A-8-48				1	®, CBI
Mandarin UF 14-06				1	®, CBI	Mandarin UF 18A-9-27				1	®, CBI
Mandarin UF 14-08				1	®, CBI	Mandarin UF 18A-9-43				1	®, CBI
Mandarin UF 1424				2	®, CBI	Mandarin UF 19-03				1	®, CBI
Mandarin UF 1425				1	®, CBI	Mandarin UF 1904				1	®, CBI
Mandarin UF 15-03				1	®, CBI	Mandarin UF 19-05				1	®, CBI
Mandarin UF 15-05a				1	®, CBI	Mandarin UF 19-11				1	®, CBI
Mandarin UF 15-05b				2	®, CBI	Mandarin UF 1914				1	®, CBI
Mandarin UF 15-06				1	®, CBI	Mandarin UF 1915				1	®, CBI
Mandarin UF 15-07				1	®, CBI	Mandarin UF 20-03				1	®, CBI
Mandarin UF 15-08				2	®, CBI	Mandarin UF 3-13-51	1	1		1	®, CBI
Mandarin UF 15-09				1	®, CBI	Mandarin UF 3-13-86				1	®, CBI
Mandarin UF 15-17				2	®, CBI	Mandarin UF 3-14-45				1	®, CBI
Mandarin UF 16-33				1	®, CBI	Mandarin UF 3-3-52				1	®, CBI
Mandarin UF 16-34				1	®, CBI	Mandarin UF 3-7-92				2	®, CBI
Mandarin UF 1703				1	®, CBI	Mandarin UF 411				4	®, Fast
Mandarin UF 17-04				1	®, CBI	Mandarin UF 6-13-30				2	®, CBI
Mandarin UF 17-08				1	®, CBI	Mandarin UF 7-8-55				2	®, CBI
Mandarin UF 17-11				1	®, CBI	Mandarin UF 7-8-87				1	®, CBI
Mandarin UF 17-12				1	®, CBI	Mandarin UF 7-9-7				1	®, CBI
Mandarin UF 1715				1	®, CBI	Mandarin UF 900				4	®, Fast
Mandarin UF 1722				1	®, CBI	Mandarin UF 9-10-28				2	®, CBI
Mandarin UF 1723				1	®, CBI	Mandarin UF 9-14				1	®, CBI
Mandarin UF 1724				1	®, CBI	Mandarin UF 916				2	®, CBI
Mandarin UF 1750				1	®, CBI	Mandarin UF 950				4	®, Fast
Mandarin UF 1751				2	®, CBI	Mandarin UF 9-8-20				2	®, CBI
Mandarin UF 1780				1	®, CBI	Mandarin UF B3-18-2				2	®, CBI
Mandarin UF 1801				1	®, CBI	Mandarin UF B7-2-59				2	®, CBI
Mandarin UF 18-04				1	®, CBI	Mandarin UF BB4-8-20				2	®, CBI
Mandarin UF 18-05				1	®, CBI	Mandarin UF C1-1-1				1	®, CBI
Mandarin UF 1806				1	®, CBI	Mandarin UF C1-4-28				1	®, CBI
Mandarin UF 18-07				1	®, CBI	Mandarin UF C1-7-11				1	®, CBI
Mandarin UF 18-10				1	®, CBI	Mandarin UF C1-7-30				1	®, CBI
Mandarin UF 1818				1	®, CBI	Mandarin UF C1-8-34				1	®, CBI
Mandarin UF 1819				2	®, CBI	Mandarin UF C2-1-17				1	®, CBI
Mandarin UF 1859				1	®, CBI	Mandarin UF C2-3-26				3	®, CBI
Mandarin UF 18A-1-25				1	®, CBI	Mandarin UF C4-10-42				1	®, CBI
Mandarin UF 18A-1-40				1	®, CBI	Mandarin UF C4-11-45				1	®, CBI
Mandarin UF 18A-2-14				1	®, CBI	Mandarin UF C4-14-1				3	®, CBI
Mandarin UF 18A-2-27				1	®, CBI	Mandarin UF C4-14-15				1	®, CBI
Mandarin UF 18A-2-28				1	®, CBI	Mandarin UF C4-14-3				1	®, CBI
Mandarin UF 18A-2-31				1	®, CBI	Mandarin UF C4-14-51				1	®, CBI
Mandarin UF 18A-3-32				1	®, CBI	Mandarin UF C4-14-53				1	®, CBI

## Budwood Availability

Budwood Availability					Budwood Availability						
Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Mandarin UF C4-15-3				1	®, CBI	Mandarin US 1-78-62				2	®, CBI
Mandarin UF C4-15-43				1	®, CBI	Mandarin US 1-81-193				1	®, CBI
Mandarin UF C4-15-50				3	®, CBI	Mandarin US 1-84-2				1	®, CBI
Mandarin UF C4-16-23				1	®, CBI	Mandarin US 1-8-70				2	
Mandarin UF C4-5-50				1	®, CBI	Mandarin US 1-88-71				1	®, CBI
Mandarin UF C4-6-2				1	®, CBI	Mandarin US 1-88-82				1	®, CBI
Mandarin UF C4-7-29				1	®, CBI	Mandarin US 1-8-96				1	®, CBI
Mandarin UF C7-10-47				3	®, CBI	Mandarin US 5-13-227				1	®, CBI
Mandarin UF C7-10-50				1	®, CBI	Mandarin US 5-6-165				1	®, CBI
Mandarin UF C7-12-14				2	®, CBI	Mandarin US 6-32-43				2	®, CBI
Mandarin UF C7-12-18				2	®, CBI	Mandarin US 6-32-67				2	®, CBI
Mandarin UF C7-12-19				1	®, CBI	Mandarin US 6-34-45				2	®, CBI
Mandarin UF C7-12-24				3	®, CBI	Mandarin US 6-35-90				2	
Mandarin UF E20-42-13				2	®, CBI	Mandarin US 6-59-149				1	®, CBI
Mandarin UF E20-45-14				2	®, CBI	Mandarin US C54-4				2	®, CBI
Mandarin UF E20-45-19				2	®, CBI	Mandarin US N-10-7				1	®, CBI
Mandarin UF FP 18-04				1	®, CBI	Mandarin US N-8-6				2	®, CBI
Mandarin UF KE-7-39				3	®, CBI	Mandarin USDA PS-N-4-26	1	2		1	®, CBI
Mandarin UF KE-9-9				1	®, CBI	Mandarin USDA PS-N-5-33				1	®, CBI
Mandarin UF KW-2-21				1	®, CBI	Marathon	4	14		3	®, CBI
Mandarin UF KW5-12				1	®, CBI	Mandarin US 1-78-62				2	®, CBI
Mandarin UF LB3-11				1	®, CBI	Marisol Clem CGIP-124	2	2		2	
Mandarin UF LB5-3				2	®, CBI	Marsh Gft 74-1-1	1	1		5	
Mandarin UF LB7-11				2	®, CBI	Marsh Gft F-57-4	5	10		5	
Mandarin UF LB8-10				2	®, CBI	Marsh Gft F-58-6	1	10			
Mandarin UF LS-13-51				3	®, CBI	Marumi Kum DPI-50-47	1	3		2	
Mandarin UF N18A-8-17				1	®	Mayaca Navel 63-18-2				3	
Mandarin UF N18A-9-39				3	®, CBI	McCarty Gft F-53-11				1	
Mandarin UF NB17-25				2	®, CBI	McTeer Murcott				1	®, CBI
Mandarin UF RBS-13-8				2	®, CBI	Mediterranean Swt F-58-38				1	
Mandarin UF RES-10-39				1	®, CBI	Meiwa Kum F-27-29	7	17		8	
Mandarin UF RES-19-22				2	®, CBI	Melogold CGIP-112				4	
Mandarin UF RES-19-56				2	®, CBI	Merav CGIP-146	1	1			
Mandarin UF SB-2-48				1	®, CBI	Meravit CGIP-220	1	1		2	®, ISR
Mandarin UFDawn 09-13				2	®, Fast, CBI	Meyer Le US	8	45		3	
Mandarin UFGlow 10-02	1	1		2	®, Fast, CBI	Microcitrus Inodor US 80-527A				1	
Mandarin UFSunrise 09-04				2	®, Fast, CBI	Microcitrus Papuana US				1	
Mandarin US 1-10-90				1	®, CBI	Midknight CGIP-119	1	2		4	
Mandarin US 1-20-68				2	®, CBI	Midsweet LS UF 12-2-33				2	®, CBI
Mandarin US 1-23-130				2		Midsweet LS UF 2-23				2	®, CBI
Mandarin US 1-24-48				2	®, CBI	Midsweet LS UF SF11-1-24				4	®, CBI
Mandarin US 1-26-52				1	®, CBI	Midsweet LS UF SF11-2-31				2	®, CBI
Mandarin US 1-30-52				2	®, CBI	Midsweet US 6-9	4	6		5	
Mandarin US 1-34-11				2	®, CBI	Miho Wase Satsuma CGIP-235	1	1		1	
Mandarin US 1-57-105				2	®, CBI	Milam UF A				1	
Mandarin US 1-62-205				1	®, CBI	Miller B/O UF				2	®
Mandarin US 1-63-77				2	®, CBI	Mini-Mandarin UF N18A-10-18				1	®
Mandarin US 1-63-85				2	®, CBI	Minneola F-60-5	6	26		5	



## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Minnie Finger Lime				2	®	Orange Hyb US 1-75-113				2	®, CBI
Monreal Clem CGIP-109				1		Orange Hyb US 1-75-55				1	®, CBI
Moria CGIP-164		1	1			Orange Hyb US 1-79-1				1	®, CBI
Moro B/O 3-3-11		4	5	3		Orange Hyb US 1-85-109				1	®, CBI
Moro B/O DPI-50-19						Orange Hyb US 1-85-119				1	®, CBI
Moro X Tar B/O 3-2-66		1	4	1		Orange Hyb US 1-85-124				1	®, CBI
Morton US 1-3		1	31	1		Orange Hyb US 1-85-82				1	®, CBI
Mott Gft DPI-45				1		Orange Hyb US 1-90-251				1	®, CBI
Murcott 130-1-1S		6	11	3		Orange Hyb US 5-6-36				1	®, CBI
Murcott LS UF LB2-19				2	®, CBI	Orange Hyb US 6-45-137				1	®, CBI
Murcott LS UF N40-18A-10-09				2	FL	Orange Hyb US 6-47-9				1	®, CBI
Murcott UF 18A-10-47				2	®, CBI	Orange Hyb US 6-68-163				1	®, CBI
Murcott UF 18A-3-16				2	®, CBI	Orange Hyb US 6-9-96				2	®, CBI
Nagami Kum SPB-323-1-1		6	9	5		Orange Hyb US 7650				1	
Nakon Pum US		1	1	2		Orange Hyb US 7651				2	
Nansho Daidai DPI-50-45				1		Orange Hyb US 7652				2	
Nasnanan DPI-50-49				1		Orange Hyb US B1-SH-7-28				1	®, CBI
Natsumikan DPI-50-48				1		Orange Jasmine F-				1	
Naugle Le DPI-206-1				3		Orangequat Hyb DPI-203-5		1	1	1	
Navel Gft US 4-1				2		Orlando F-57-5		5	6	3	
Navel US 2-C				2	®, CBI	Oroblanco CGIP-111		2	3	4	
Navel US 3-S				2	®, CBI	Orri CGIP-134		2	19	9	®, ISR
Navel US1-N				2	®, CBI	Ortanique F-24-26		3	3	5	
Navelo 81-16-15				1		Osceola US 3-58		1	1	2	
Nectar CGIP-148		1	1			Oval Pink Pum DPI-212				1	
Nine Pound Le DPI-201-21				3		Owari Sat 874		5	14	5	
Nocatee F-25-26				1		Owari Sat F-60-23		2	6		
Nordmann Kum DPI-203-1				1		Owari Sat F-60-25B		1	2	1	
Norton SPB-306				1		P Tri DPI-50-7				2	
Nour CGIP-149				4		P Tri Rubidoux F-16-20		2	13	1	
Nova LS CGIP-200				2		P Tri Wacissa F-18-1		3	74	1	
Nova US 7-41		3	3	3		P+(CxS)				1	®, CBI
Nova+Osceola UF				2	®, CBI	Page US 2-58		3	5	3	
Nules Clem CGIP-125		6	11	3		Pandan Wangi Pum US				1	
Odem CGIP-219		1	4	2	®, ISR	Parana Gft CGIP-167				1	
Okitsu Wase Satsuma CGIP-234		1	1			Parson Brown F-56-2		5	8	3	
Orange Hyb LT US 1-76-52				2		Parson Special US				1	
Orange Hyb US 1-10-1				1	®, CBI	Pera 3-3-85				1	
Orange Hyb US 1-4-12				1	®, CBI	Pera US 18-11				1	
Orange Hyb US 1-46-15				2	®, CBI	Pera US 7-39				1	
Orange Hyb US 1-5-213				2		Persian Lime SPB-7		8	38	9	
Orange Hyb US 1-5-35				2	®, CBI	Pineapple 53-10-10		1	4	5	
Orange Hyb US 1-65-55				2	®, CBI	Pineapple F-60-3		1	3	3	
Orange Hyb US 1-74-52				1		Pineapple SL US 10B-6-30		2	4	5	
Orange Hyb US 1-74-92				1	®, CBI	Pineapple SPB-150-		1	2		

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Pink Gft US FF-1-26-51-BS				1	®, CBI	Pummelo UF C4-10-48				1	®, CBI
Pink Pum Hyb US 10-1-1				1		Pummelo UF N40-16-12-7				2	®, CBI
Pink Sensation Pum 884				1		Pummelo UF N7-4				1	®, PR
Pixie Man CGIP-181		1	1	3		Pummelo US 10a-7-15				1	
Ponderosa Le DPI-203-8		5	8	3		Pummelo US 145 NE				3	
Ponkan DPI-50-6		4	8	5		Pummelo US NW				3	
Pope F-53-28				1		Queen 25-2-15				3	
Procimequat UF				1		Rangpur Lime F-3-8		1	1	1	
Pum X Gft UF 4-1				2	®, CBI	Rasnake Tangelo 625		1	1		
Pummelette UF 5-1-99-2				2	®, Fast	Ray Ruby Gft CGIP-103		10	54	10	
Pummelette UF KWP-1-1				2	®, CBI	Red Finger Lime DPI-50-36		5	8	3	
Pummelo 61-12-				1		Red Gft UF 16-11-17				4	®, CBI
Pummelo DPI-203-2				1		Red Gft UF N11-29				2	®, CBI
Pummelo DPI-203-3				2		Red Gft UF N40-16-11-15				2	®, CBI
Pummelo DPI-203-4				2		Red Gft UF N40-16-11-3				2	®, CBI
Pummelo Hyb UF 1820				1	®, CBI	Red Gft UF N40-16-11-7				2	®
Pummelo Hyb UF 1861				1	®, CBI	Red Java Pum UF 6-4A				1	
Pummelo Hyb UF 1862				1	®, CBI	Red Lime 899		4	6	1	
Pummelo Hyb UF 3-1-21				1	®, CBI	Red Pum UF 5-1-99-5				2	®, Fast
Pummelo Hyb UF 3-1-22				1	®, CBI	Red Pum UF 5-1-99-5-LS				1	®, CBI
Pummelo Hyb UF 3-1-43				1	®, CBI	Red Pum UF C2-5-12				1	®, Fast
Pummelo Hyb UF 914		1	1	5	®, Fast	Red Pum UF C4-11-19				1	®, PR
Pummelo Hyb UF C2-5-03				1	®, CBI	Red Pum UF C4-2-8				1	®, PR
Pummelo Hyb UF C4-10-36				1	®, CBI	Red Pum UF KW-1-50				2	®, PR
Pummelo Hyb UF NB17-4-0219				1	®, CBI	Red Pum UF UKP-1				1	®, PR, CBI
Pummelo Hyb UF NB19-17-0218				1	®, CBI	Red Shaddock UF 5-4A				1	
Pummelo Hyb UF NB19-18-0218				1	®, CBI	Ridge Pi SPB-602-36				1	
Pummelo Hyb UF NB19-22-0218				1	®, CBI	Rio Red Gft CGIP-110		5	27	6	
Pummelo Hyb UF NB19-28-0218				1	®, CBI	Robinson US 3-56		3	4	4	
Pummelo Hyb UF NRB15-43				1	®, CBI	Roble 502-4-12				6	
Pummelo Hyb UF P2				1	®, CBI	Rohde Red 472-11-43		5	16	10	
Pummelo Hyb US 10A-1-21				3	®	Rohde Red DPI-50-3-1				1	
Pummelo Hyb US 1-17-170				1	®, CBI	Rohde Red DPI-50-3-2				1	
Pummelo Hyb US 4-3-168				1	®, CBI	Rohde Red DPI-50-3-8				1	
Pummelo Hyb US 5-93-42				2	®, CBI	Rohde Red DPI-50-3-9				1	
Pummelo Hyb US 6-16-172				2	®, CBI	Rohde Red UF B3-42				1	®, CBI
Pummelo Hyb US 6-16-29				1	®, CBI	Rosa UF 156				1	®
Pummelo Hyb US 6-16-43				1	®, CBI	Rough Le 199		1	23		
Pummelo Hyb US 6-17-16				2	®, CBI	Rough Le Red UF 8-7		2	55	2	
Pummelo Hyb US 6-17-28				2	®, CBI	Round Lime DPI-205-2				1	
Pummelo Hyb US 6-17-48				2	®, CBI	Royal Gft US 4-39				1	
Pummelo Hyb US 6-47-117				1	®, CBI	RS UF 16-03				1	®, CBI
Pummelo Hyb US LP-36-39				2	®, CBI	RS UF 16-04				1	®, CBI
Pummelo UF 16-29				1	®, CBI	RS UF 16-05				1	®, CBI
Pummelo UF 23-5-36				2	®, CBI	RS UF 16-06				1	®, CBI

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
RS UF 16-07				1	®, CBI	RS UF AMB+HB JL-2				1	®, CBI
RS UF 16-08				1	®, CBI	RS UF B21-R1-T2-11-2				1	®, CBI
RS UF 16-09				1	®, CBI	RS UF B21-R1-T25-11-6				1	®, CBI
RS UF 16-10				1	®, CBI	RS UF Blue 1				1	®, CBI
RS UF 16-11				3	®, CBI	RS UF Cleo+Carrizo				1	®, CBI
RS UF 16-12				1	®, CBI	RS UF Gft + 50-7				2	®, CBI
RS UF 18-03				1	®, CBI	RS UF Green x Orange 14-09-32				1	®, CBI
RS UF 18-13				1	®, CBI	RS UF LB8-9xS13-15-16				1	®, CBI
RS UF 16-13				1	®, CBI	RS UF Milam+HBP x Orange 14-09-10				2	®, CBI
RS UF 16-14				1	®, CBI	RS UF Milam+HBP x Orange 14-09-9				2	®, CBI
RS UF 16-15				1	®, CBI	RS UF Milam+HBPxOrange 14-09-14				2	®, CBI
RS UF 16-16				4	®, CBI	RS UF Murcott+Rubidoux				1	®, CBI
RS UF 16-17				1	®, CBI	RS UF Purple 4				1	®, CBI
RS UF 16-18				1	®, CBI	RS UF S10xS15-12-25				1	®, CBI
RS UF 16-19				1	®, CBI	RS UF SG-50-6				1	®, CBI
RS UF 16-20				1	®, CBI	RS UF SO + 50-7				2	®, CBI
RS UF 16-21				1	®, CBI	RS UF SO + FDT				1	®, CBI
RS UF 16-22				1	®, CBI	Ruby Red Gft F-58-39	8	28		1	®, CBI
RS UF 16-23				1	®, CBI	Ruby Swt (35) UF 32-10	1	1		10	
RS UF 16-26				1	®, CBI	Ruby Valencia CGIP-195	2	4		2	
RS UF 16-41				1	®, CBI	Ruby Valencia SL CGIP-244	1	1		2	®
RS UF 16-42				1	®, CBI	Ryan Navel CGIP-186	1	2		1	
RS UF 16-43				1	®, CBI	Salustiana 3-1-71	1	1		2	
RS UF 16-44				2	®, CBI	Salustiana UF				1	
RS UF 16-52				2	®, CBI	Sampson UF 9-1A				3	®
RS UF 16-5-28 Orange16	1	31		2	®, CBI	Sanboka n US 7-55	1	2		3	
RS UF 16-53				1	®, CBI	Sanguinelli B/O US 10-5-17	4	9		1	
RS UF 16-5-5 Orange14	1	32		2	®, CBI	Sanguinello Riccio UF 200				4	
RS UF 18-01				2	®, CBI	Santa Cat Navel US 1				1	®
RS UF 18-02				1	®, CBI	Scott Red Gft #369 DPI-666-9				1	®
RS UF 18-2-19 White-1				2	®, CBI	Scott Red Gft #3 DPI-666-6				1	
RS UF 18-2-8 Green-7				2	®, CBI	Scott Red Gft #5 DPI-666-7				2	®
RS UF 2247x1571-00-3 White-3				1	®, CBI	Scott Red Gft #6 DPI-666-8				2	®
RS UF 2247x2075-01-2				1	®, CBI	Scott Red Gft #63 DPI-666-10				1	®
RS UF 2247x2075-02-26				2	®, CBI	Scott Red Gft #79 DPI-666-11				5	®
RS UF 2247x6070-02-2				2	®, CBI	Scott White Gft #10 DPI-666-12				1	®
RS UF 46x20-04-32				2	®, CBI	Seduced S/O DPI-666-13				1	®
RS UF 46x20-04-48				2	®, CBI	Seedless Snack UF N40W-6-3	1	1		2	®, Fast
RS UF 46x20-04-6				2	®, CBI	Seleta Agrocitros UF 132				1	®
RS UF 46x20-04-S13				1	®, CBI	Seleta Branca UF 166				1	®
RS UF 46x20-04-S15				1	®, CBI	Seminole SPB-342-3-3				1	
RS UF 46x43-05-SDLG-51				1	®, CBI	Serra D Agua UF 210				1	®
RS UF A+HB JL-1-OP-09-36				2	®, CBI	Setoka CGIP-187	1	3		2	
RS UF A+HBPxOrange 19-08-2				2	®, CBI	Sexton F-47-24				4	
RS UF A+Volk x Orange 19-11-8				2	®, CBI	Shambar Gft US 3-63				1	

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
Shasta Gold CGIP-159		1	1	3	®, NV	Sweet Orange UF OLL6				9	®, CBI
Shatian Pum CGIP-126				3		Sweet Orange UF OLL7				2	®, CBI
Shekwasha US 9-1-27				1		Sweet Orange UF OLL8		11	128	2	®, CBI
Shiranui CGIP-132		4	5	4	FL	Sweet Orange UF RBA-21-36				1	®, CBI
Siamese Pink Pum UF 6-12A		1	1	3		Sweet Orange UF RBA-22-29				1	®, CBI
Siamese Pum UF 6-9A				1		Swingle DPI-227		2	95		
Siamese Swt Pum DPI-203-16		2	2	3		Swingle US 22-55		8	950	3	
Silver Hill Sat US		1	1	3		Sydney Hyb US				2	
Sinton Citrqt US				1		Tahoe Gold CGIP-140		1	1	2	®, NV
Smooth Flat Sev US 2-2-14		1	20	1		Tami CGIP-145		1	1		
Sour Orange DPI-50-9		2	6			Tango CGIP-168		5	11	11	®, NV
Sour Orange F-49-7		8	207	4		Tangor UF 00-04				1	®, CBI
Sour Orange UF 18-11				1	®, CBI	Tangor UF 04-10				1	®, CBI
Star Ruby Gft DPI-60		8	71	4		Tangor UF 11-07				1	®, CBI
Succari US 7-21				1		Tangor UF 13-07				1	®, CBI
Sue Linda Temple CGIP-237				2		Tangor UF 13-15				1	®, CBI
Sugar Belle LS UF 1-3				2	®, CBI	Tangor UF 15-01				3	®, CBI
Sugar Belle UF LB8-9		8	34	8	®, NV	Tangor UF 16-46				1	®, CBI
Sukega Gft CGIP-182				2		Tangor UF 16-47				1	®, CBI
Summer Gold Gft UF N2-28		1	1	2	®, Fast	Tangor UF 18-09				1	®, CBI
Summerfield Navel DPI-70-4-9		1	11	2		Tangor UF 19-07				1	®, CBI
Sun Chu Sha US 9-12-12		3	41	1		Tangor UF 98-01				1	®, CBI
Sun Hing Pum DPI-203-7				3		Tankan US 2E-4-25				1	®, CBI
Sunburst US 5		5	12	4		Tarocco B/O UF 30-37		1	2	1	
Sundiatgo US 5-17				1		Tavares Lqt US 9-4-48				3	
Sunki DPI-50-50				1		TDE-1 CGIP-158				3	®
Sunquat DPI-50-27		1	1	1		Te X Or US 10-15-67				1	®
Sunshine US 10-13				1		Temple 33-6-15		3	5	3	
Sunstar US 6-6				5		Temple LS DPI-75				3	
SuperSour 1		1	26	2	®, CBI	Thomasville Citrqt US 1-20				1	
Supersour 2		2	30	2	®, CBI	Thompson Gft 25-3-6		5	7	4	
SuperSour 3		1	72	3	®, CBI	Thomson Navel US 6-6				1	®
Sweet Lime F-10-10		2	3	1		Triumph Gft DPI-32-4				1	
Sweet Orange SL UF C4-16-12				1	®, PR	Thong Dee Pum UF 5-8A				1	
Sweet Orange UF 12-05				2	®	Tresca US 10C-2-4				4	®
Sweet Orange UF 17-06				2	®, CBI	UF 11-4-1				1	®, CBI
Sweet Orange UF 7-9-35				1	®, CBI	UF 11-4-22				1	®, CBI
Sweet Orange UF 99-01				1	®, CBI	UF 40-2-21				1	®, CBI
Sweet Orange UF C1-41-B				4	®, CBI	UF RedLime				3	
Sweet Orange UF KE-6-4				2	®, CBI	UF SunLime				2	
Sweet Orange UF N10-25				1	®, CBI	UFR-01 Orange3		3	42	1	®, CBI
Sweet Orange UF OLL10				2	®, CBI	UFR-02 Orange4		3	19	2	®, CBI
Sweet Orange UF OLL-20IR-46				2	®, CBI	UFR-03 Orange15				2	®, CBI
Sweet Orange UF OLL23				1	®, CBI	UFR-04 Orange19		9	198	2	®, CBI
Sweet Orange UF OLL4		9	104	2	®, CBI	UFR-05 White4		5	137	2	®, CBI

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
UFR-06		3	19	1	®, CBI	US-1627				2	
UFR-07				3	®, CBI	US-1629				1	®, CBI
UFR-08				1	®, CBI	US-1637				1	®, CBI
UFR-09				3	®, CBI	US-1644				1	®, CBI
UFR-10				3	®, CBI	US-1645				1	®, CBI
UFR-11				2	®, CBI	US-1649				3	®, CBI
UFR-12				2	®, CBI	US-1650				3	®, CBI
UFR-14				2	®, CBI	US-1659				1	®, CBI
UFR-15		2	11	2	®	US-1660				1	®, CBI
UFR-16		4	44	2	®, CBI	US-1663				1	®, CBI
UFR-17 Green2		5	33	2	®, PR	US-1664				2	®, CBI
Ugli DPI-74		1	1	1		US-1671				2	®, CBI
US Furr		2	4	2		US-1672				3	®, CBI
US Furr-ST				5		US-1673				1	®, CBI
US Honeycoat				2		US-1676				2	®, CBI
US Ortanique-LS				2		US-1678				2	®, CBI
US Seedless Surprise				3	®, NV	US-1679				3	®, CBI
US Sundragon		1	1	2		US-1680				1	®, CBI
US Superna		1	1	2	®, CBI	US-1681				3	®, CBI
US-1102				3	®, CBI	US-1687				1	®, CBI
US-1103				1	®, CBI	US-1688				2	®, CBI
US-1104				2	®, CBI	US-1689				1	®, CBI
US-1105				2	®, CBI	US-1690				3	®, CBI
US-1130				3	®, CBI	US-1692				1	®, CBI
US-1137				3	®, CBI	US-1693				1	®, CBI
US-119				1	®, CBI	US-1694				3	®, CBI
US-1271				2	®, CBI	US-1695				2	®, CBI
US-1279		2	12	2	®, CBI	US-1696				1	®, CBI
US-1280				3	®, CBI	US-1701				2	®, CBI
US-1281		1	34	1	®, CBI	US-1705				2	®, CBI
US-1282		1	42	3		US-1709				1	®, CBI
US-1283		2	26	3		US-1710				2	®, CBI
US-1284		2	21	3		US-1721				1	®, CBI
US-1287				3		US-1730				2	®, CBI
US-1293				3	®, CBI	US-1740				2	®, CBI
US-1297				3	®, CBI	US-1741				2	®, CBI
US-1305				3	®, CBI	US-1742				1	®, CBI
US-1317				2	®, CBI	US-1744				1	®, CBI
US-1318				3	®, CBI	US-1745				1	®, CBI
US-1319				2	®, CBI	US-1750				2	®, CBI
US-1321				3	®, CBI	US-1753				2	®, CBI
US-1460				3	®, CBI	US-1755				1	®, CBI
US-1473				3	®, CBI	US-1756				1	®, CBI
US-1481				3	®, CBI	US-1757				2	®, CBI
US-1516		5	122	3	®, CBI	US-1790				1	®, CBI

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
US-1805				1	®, CBI	US-2264				1	®, CBI
US-1837				1	®, CBI	US-2272				1	®, CBI
US-1845				2	®, CBI	US-2276				1	®, CBI
US-1851				2	®, CBI	US-2280				1	®, CBI
US-1859				1	®, CBI	US-2287				1	®, CBI
US-1865				2	®, CBI	US-2288				1	®, CBI
US-1867				1	®, CBI	US-2290				1	®, CBI
US-1872				1	®, CBI	US-2292				1	®, CBI
US-1879				1	®, CBI	US-2293				1	®, CBI
US-1888				1	®, CBI	US-2297				1	®, CBI
US-1892				1	®, CBI	US-2301				1	®, CBI
US-2101				2	®, CBI	US-2303				1	®, CBI
US-2102				2	®, CBI	US-2315				1	®, CBI
US-2103				2	®, CBI	US-2331				1	®, CBI
US-2104				2	®, CBI	US-2336				1	®, CBI
US-2105				2	®, CBI	US-2338				1	®, CBI
US-2106				2	®, CBI	US-2343				1	®, CBI
US-2107				1	®, CBI	US-2345				1	®, CBI
US-2108				2	®, CBI	US-2351				1	®, CBI
US-2109				1	®, CBI	US-2486				1	®, CBI
US-2110				2	®, CBI	US-2487				1	®, CBI
US-2111				3	®, CBI	US-2488				1	®, CBI
US-2121				1	®, CBI	US-2489				1	®, CBI
US-2122				1	®, CBI	US-2491				1	®, CBI
US-2127				1	®, CBI	US-2492				1	®, CBI
US-2131				1	®, CBI	US-2493				2	®, CBI
US-2132				1	®, CBI	US-2494				1	®, CBI
US-2135				3	®, CBI	US-2520				1	®, CBI
US-2136				1	®, CBI	US-376-10				3	®, CBI
US-2137				1	®, CBI	US-376-5				2	®, CBI
US-2153				1	®, CBI	US-376-6				2	®, CBI
US-2158				1	®, CBI	US-376-8				2	®, CBI
US-2160				1	®, CBI	US-377-V1				2	®, CBI
US-2175				2	®, CBI	US-377-V2				2	®, CBI
US-2195				1	®, CBI	US-378-G1				2	®, CBI
US-2209				1	®, CBI	US-378-G2				1	®, CBI
US-2213				1	®, CBI	US-381-V1				1	®, CBI
US-2234				1	®, CBI	US-383-G1				1	®, CBI
US-2237				1	®, CBI	US-384-P1				1	®, CBI
US-2249				1	®, CBI	US-385-P1				1	®, CBI
US-2250				1	®, CBI	US-386-G1				1	®, CBI
US-2255				1	®, CBI	US-387-G1				1	®, CBI
US-2256				1	®, CBI	US-801				2	®, CBI
US-2257				3	®, CBI	US-802	16	608		5	
US-2259				1	®, CBI	US-812	15	735		2	

## Budwood Availability

Budwood Availability		Scion Trees		Chiefland Trees		Budwood Availability		Scion Trees		Chiefland Trees	
Variety Clone		# Part	#Trees	# Trees	Restricted	Variety Clone		# Part	#Trees	# Trees	Restricted
US-852				3		Variegated Rough Le US 10-6-11				4	
US-896	1	10	1	®	CBI	Variegated S/O US 18-4				1	
US-897	16	542	5			Varn Navel SPB-194-10-2				2	
US-942	21	1923	6			Verna Le DPI-203-20-b	1	3	1	®	
USDA 1-105-106			4	®	CBI	Vernia UF 35-15	15	320	18		
USDA 1-25-1			2	®	CBI	Vernia UF 35-16	1	2			
USDA 1-37-12			2	®	CBI	Vernia UF C2-2-1				2	
USDA 1-42-65			2	®	CBI	Vernia UF C2A-1-10				4	®
USDA 1-42-70			2	®	CBI	Volkamer Le US 9-2-19	4	111	3		
USDA 1-43-21			2	®	CBI	W Murcott CGIP-122	6	15	5		
USDA 1-46-30			2	®	CBI	Wash Navel F-60-13	1	1			
USDA 1-49-105			3	®	CBI	Wash Navel F-60-18	3	6	2		
USDA 5-51-2			3	®	CBI	Wash Navel F-60-19	3	4	5		
USDA 6-15-150			2	®	CBI	Weeping Dragon				1	
USDA 6-2-53			2	®	CBI	Wekiwa US 11-7				3	
Valencia 10-12-7			1			Westin UF 47-2				2	
Valencia 51-3-3			1			Westin UF 47-13	1	1	2		
Valencia Appleby UF 11-71			1	®		WG Man 911-02	1	3			
Valencia F-55-1			1			WG Man 911-03	1	3			
Valencia F-55-23	1	4	1			WG Man 911-17	1	1			
Valencia F-55-28			1			WG Man 911-32	1	2			
Valencia F-55-4	8	48	36			WG Man 911-B-23	1	1			
Valencia Jenner UF 19-39			2	®		WG Man 911-B-24	1	1			
Valencia Late UF N10-13			3	®	CBI	WG Man 911-B-26	1	1			
Valencia Late UF N7-2			2	®	CBI	WG Man 911-B-37	1	1			
Valencia Mid UF OLL20	2	8	2	®	CBI	WG Man 911-C-34	1	1			
Valencia Navel 522-15-14	1	13				WG Man 911-C-37	1	4			
Valencia SL UF 2-21			2	®	CBI	WG Man 911-E-22	1	1			
Valencia SPB-1-12-7			3			WG Man 911-E-26	1	1			
Valencia SPB-1-14-19	19	540	98			WG Man 911-E-28	1	1			
Valencia SPB-1-14-31	2	21	5			Wheeny Gft CGIP-183				2	
Valencia UF 1-56			2	®	CBI	White Finger Lime UF KB-37				1	
Valencia UF 1-62			2	®	CBI	White Man UF 6-16-116				2	®
Valencia UF B9-65	3	12	5	®	CBI	White Orange DPI-203-18				2	
Valencia UF BHG2-68			2	®	CBI	White Tangelo 956-1				3	
Valencia UF C2A-1-23			1	®	CBI	Wild Turkey Navel 941-11-30-1				1	
Valencia UF N40-16-7-11			1	®	CBI	Willits US 12-8-19	2	83	1		
Valencia UF N7-10			2	®	CBI	Willowleaf Man SPB-89-1-1				1	
Valencia UF N9-12			2	®	CBI	Willowleaf S/O F-12-9				1	
Valenfresh UF N7-3			4	®		Winola CGIP-165	2				
Valquarius LT UF SF14W-62	6	14	7	®	CBI	X-639 DPI-50-8	14	837	3		
Valquarius UF SF14W-62	3	5	3	®	NV	Xie Shan Sat CGIP-163	2	2	4		
Vangasay Le US 9-1-23			1			Yellow Gft 345-1-15	1	1			
Variegated Minneola F-2-4	1	1	1			Yosemite Gold CGIP-141	1	1	3	®	NV
Variegated Pink Le US	5	7	4			Yuzu F-9-15	4	7	1		

