United States Department of Agriculture

Risk Management Agency

Insurance Services Division

Washington, D.C.

APPROVED:
Signed by:
Phyllis W. Honor,
Acting RMA Administrator
August 24, 2001

2002 & 2003* PERENNIAL CROP TRANSITIONAL YIELD & ACREAGE TOLERANCE LISTING

***2003 Crop Year for Citrus: Arizona, California and Texas; & Macadamia Nuts: Hawaii**

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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UPDATES

The 2002 & 2003 Perennial Crop Transitional Yield and Acreage Tolerance Listing *supersedes* the 2001 & 2002 Perennial Crop Transitional Yield and Acreage Tolerance Listing.

- **Billings RO, Jackson RO, Oklahoma City RO, Raleigh RO, Springfield RO, and St. Paul RO and Topeka RO: No changes.**

- **Davis RO:**

  Changes in T-yields were made due to updating the 10 year statistical data from\ 1991 through 2000. This information was derived from the *Final Grape Crush Report and the California Grape Acreage Report*, published by California Agricultural Statistics Service. This annual source breaks down production and acreage by variety per crush district.

  The t-yields were updated for the following crops/counties in California:
  - **Apples, All Counties, All Varieties.**
  - **Figs, Types:260, 360, & 460, All counties listed, except Fresno.**
  - **Grapes, All varieties, & crush districts. New varieties: *Pinot Grigio, Petite Verdot, Malbec.***
  - **Pears, Types 189, All counties listed, except Yuba.**
  - **Prunes, All counties listed, except Butte, Colusa, & Fresno.**
  - **Table Grapes-Red Globe Grapes in Fresno, Kern, Kings, and Madera counties have been updated**

- **Spokane RO:**

  Beginning with the 2002 and succeeding crop years, the Perennial T-yields By State/By County/By Crop for the Spokane Regional Office have been removed from this Listing and have been placed on the County Actuarial Table-FCI-33 Legal Descriptor Rules Page which can be found on the RMA website, www.rma.usda.gov/tools/. For questions on the FCI-33 Legal Page, please contact the Spokane RO, at 509-353-2147.

- **Valdosta RO:**

  New peach variety added, "Gulf Prince - Early - 400 Chilling Hours."

Information and Contact:

Contact Sharon Hestvik, USDA-Risk Management Agency, Insurance Services-Risk Management Services Division, at (202)-720-6685/or email: Sharon_Hestvik@wdc.usda.gov

DAVIS RO

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

ARIZONA (04)
APPLES (0054)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD
003	Cochise	111 112	002 002	250 250
009	Graham	111 112	002 002	250 250

ARIZONA (04)
CITRUS CROPS
PRACTICE(s)--021 & 022

TRANSITIONAL YIELD
(CARTONS)

Citrus Crop	Maricopa County (013)	Pinal County (021)	Yuma County (027)
Oranges--Navels (0215)	170	170	150
Oranges--Sweet (0216)	170	170	150
Oranges--Valencia (0217)	250	250	240
Grapefruit--All (0201)	300	300	540
Lemons--All (0202)	210	210	220
Mandarins (0205)	230	230	220
Tangelos--Minneola (0206)	290	290	220
Tangelos--Orlando (0237)	290	290	220

ARIZONA (04)
TABLE GRAPES (0052)

TRANSITIONAL YIELD DETERMINATION

VARIETY	T-YIELD (20 POUND LUGS)
Thompson Seedless	450
Flame Seedless	470
Perlette	350
Exotic	420
Beauty Seedless	360
Superior Seedless	430
Ruby Seedless	500
Emperor	300
Ribier	300
Red Globe	300
Christmas Rose	300
Other Varieties	280

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

CALIFORNIA (06)
ALMONDS (0028)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (LBS).
007	Butte	997	002	1050
011	Colusa	997	002	850
019	Fresno	997	002	1230
021	Glenn	997	002	970
029	Kern	997	002	1180
031	Kings	997	002	1180
039	Madera	997	002	1070
047	Merced	997	002	1050
077	San Joaquin	997	002	990
095	Solano	997	002	500
099	Stanislaus	997	002	1230
101	Sutter	997	002	800
103	Tehama	997	002	990
107	Tulare	997	002	1190
113	Yolo	997	002	820
115	Yuba	997	002	800

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

CALIFORNIA (06) - -APPLES (0054)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (Boxes)
013	Contra Costa	111 112	002 002	320 320
017	El Dorado	111 112	002 002	560 560
019	Fresno	111 112	002 002	340 340
029	Kern*	111 112	002 002	700* 240*
031	Kings	111 112	002 002	340 340
039	Madera	111 112	002 002	310 310
045	Mendocino	111 112	002 002	200 200
047	Merced	111 112	002 002	410 410
077	San Joaquin	111 112	002 002	500 500
087	Santa Cruz	111 112	002 002	480 480
097	Sonoma	111 112	002 002	200 200
099	Stanislaus	111 112	002 002	410 410
101	Sutter	111 112	002 002	540 540
107	Tulare	111 112	002 002	360 360

***See Kern County Special Provisions for statement that divides the county into two segments for "T" yield purposes. All apple acreage lying North of township 11N and east of Range 30E shall have a Transitional Yield of 300, 35# Boxes; & All apple acreage lying West of Range 30E or Range 18W shall have a Transitional Yield of 870, 35# Boxes.**

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

CALIFORNIA (06)
CITRUS CROPS - Page 1 of 2

PRACTICE(s)*

021 & 022*Note: All Counties except Glenn County which has practice 997

TRANSITIONAL YIELD
(CARTONS)

CO. CODE	COUNTY	ORANGES NAVEL (0215)	ORANGES SWEET (0216)	ORANGES VALENCIA (0217)	GRAPEFRUIT ALL (0201)	LEMONS ALL (0202)
019	Fresno	400		420		330
021	Glenn	340				
025	Imperial	280		280	580	340
029	Kern	400	400	500		400
039	Madera	400		420		
053	Monterey					490
059	Orange			390		460
065	Riverside	400	400	430	520	350
071	San Bernardino	340		310	450	230
073	San Diego	520	520	630	790	610
079	San Luis Obispo					460
083	Santa Barbara					460
107	Tulare	450	450	450		400
111	Ventura	370		390	790	490

CALIFORNIA (06)
CITRUS CROPS -Page 2 of 2

PRACTICE(s)*
021 & 022
Transitional Yield
(CARTONS)

COUNTY CODE	NAME	MANDARINS (0205)	MINNEOLA TANGELOS (0206)	TANGELOS ORLANDO (0237)
019	Fresno		470	
029	Kern	430	470	
065	Riverside	430	430	430
073	San Diego	680	680	680
107	Tulare	450	470	

CALIFORNIA (06)
FIGS (0060)

Insurable counties for Figs: Merced (047), Madera (039), Fresno (019), Kern (029). The established "T" yields will pertain to all of the counties below except Fresno County (see separate column).

The "T" yields by type of figs are:

Code	Type	Published* "T" yield	Fresno County "T" Yield
160	Adriatic	2800	1350
260	Black Mission	2350	1200
360	Calimyrna	1150	500
460	Kadota	770	450

***Note: The Published "T" yields represent 80% of the most recent 10 year average of published yields reported annually by the Fig Advisory Board.**

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

CALIFORNIA (06)
GRAPES (0053) Page 1 of 2

T-YIELD: *Refer to the tables next page(s) for T-Yields by Crush Reporting District.

COUNTY CODE	NAME*	CRUSH* REPORTING DISTRICT	PRACTICE
001	Alameda	6	002
005	Amador	10	997
009	Calaveras	10	002
011	Colusa	9	002
013	Contra Costa	6	997
017	El Dorado	10	002
019	Fresno	13	002
021	Glenn	9	002
029	Kern	14	002
031	Kings	13 14	002 002
033	Lake	2	002
039	Madera	13	002
045	Mendocino	1	997
047	Merced	12	002
053	Monterey	7	002
055	Napa	4	997
065	Riverside	16	002
067	Sacramento	11 9 17	002 002 002

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

CALIFORNIA (06)
GRAPES (0053) Page 2 of 2
T-YIELD: *Refer to the tables next page(s) for T-Yields by Crush Reporting District.

COUNTY CODE	NAME*	CRUSH REPORTING DISTRICT*	PRACTICE
069	San Benito	7	002
077	San Joaquin	11 12	002 002
079	San Luis Obispo	8	002
083	Santa Barbara	8	002
085	Santa Clara	6	002
095	Solano	5	002
097	Sonoma	3	997
099	Stanislaus	12	002
107	Tulare	13 14	002 002
113	Yolo	9 17	002 002

CALIFORNIA (06) --GRAPES (0053)-Page 1 of 3
TRANSITIONAL YIELDS --(TONS)
-CRUSH REPORTING DISTRICTS-

Code	Types *	1	2	3	4	5	6	7	8	9	10
005	Barbara										2.5
015	Cabernet Fran	3.3		2.2	2.9			3.2	2.1		
016	Cabernet Sauvignon	3.3	3.0	2.8	2.9	5.3		3.3	3.8	3.9	3.0
020	Carignane	4.6				5.0					
023	Chardonnay	3.4	2.3	3.8	2.6	7.4	3.4	3.0	2.8	5.0	3.8
024	Chenin Blanc		5.4			7.8	2.0		4.4	5.4	
036	French Columbard			5.5						5.1	
038	Gamay Beaujolais							2.0			
039	Gewurztraminer							3.1			
044	Grenache							4.1		4.2	
051	Merlot	2.4	2.7	3.4	3.0	7.8	4.0	3.2	3.2	6.4	2.2
064	Petite Sirah	2.0		2.0	2.0			2.5	2.8		
066	Pinot Blanc							2.6			
067	Pinot Noir	3.2		3.1	2.6			3.4	2.2		
081	Sauvignon Blanc	4.2	4.0	3.8	3.1	5.1		3.8	4.6	2.0	2.4
093	White Riesling									3.6	2.7
094	Zinfandel	3.6	4.2	3.0	3.4	5.6		3.4	4.7	6.3	3.1
098	Pinot Gris/Pinot Grigio	3.0		3.5	3.2			2.1	2.0		
099	Viognier	2.0		2.8	2.0			3.6	2.0		
100	Petite Verdot			2.0	2.0						
101	Malbec			2.0	2.7						
113	Red Zinfandel	2.9	3.4		2.7				3.8	5.0	
196	Syrah/Shiraz	2.6	5.9	3.4	3.2			3.8	3.9	2.0	3.2
376	Sangioveto/ Sangiovese	3.6		3.1	2.0			3.8	2.4		2.0

CALIFORNIA (06)--GRAPES (0053) Page 2 of 3

TRANSITIONAL YIELD (TONS)
-CRUSH REPORTING DISTRICTS-

Type Code	Types *	11 & 12	13 & 14	15	16	17
002	Alicante-Bouschet	2.2	1.4			
005	Barbara	5.4	8.0			
014	Burger	11.7	13.6			
015	Cabernet Franc	8.9				
016	Cabernet Sauvignon	7.9	7.0		3.6	2.0
020	Carignane	5.7	6.9			
021	Carnelian		6.6			
022	Centurian		7.0			
023	Chardonnay	6.2	7.2		3.1	5.9
024	Chenin Blanc	4.6	7.0			8.3
027	Emerald Riesling		5.6			
031	Fiesta		7.2			
032	Flame Seedless	4.8	4.8			
036	French Columbard	6.9	8.3			4.9
044	Grenache	6.4	7.9			
049	Malvasia Bianca	6.1	3.7			
051	Merlot	7.7	7.3			4.2
052	Mission	3.6	7.4			

CALIFORNIA (06) Page 3 of 3
GRAPES (0053)

TRANSITIONAL YIELD(TONS)
-CRUSH REPORTING DISTRICTS-

TYPE CODE	TYPE *	11 & 12	13 & 14	15	16	17
055	Muscat Blanc/ M Canelli		5.8			
060	Palomino/ G Chasselas		8.6			
064	Petite Sirah	2.6				4.1
074	Rubired	8.2	7.4			
076	Ruby Cabernet	4.6	6.8			
078	St. Emilion (Ugni Blanc)		5.3			
080	Salvador		6.2			
081	Sauvignon Blanc	6.2	6.6			5.4
083	Semillon	9.8	6.6			
088	Thompson Seedless	7.5	7.5			
093	White Riesling	2.0				
094	Zinfandel	7.0	10.2			6.3
098	Pinot Gris	5.6				
099	Viognier	5.6	4.6			
113	Red Zinfandel	5.6				5.0
173	Royalty		6.2			
196	Syrah-Shiraz	6.6	7.2			4.2
376	Sangioveto/ Sangiovese	7.5	6.2			

*** All other types: Transitional Yield is 2.0 Tons.**

CALIFORNIA (06)
TABLE GRAPES (0052)

New Policy Lug weight--21 pounds*

***Except for Riverside (Coachella Valley), Imperial and Arizona Counties--20 pounds.**

****For San Joaquin County see below.**

TRANSITIONAL YIELD DETERMINATION(LUGS)

Table Grape Variety	Fresno County (019)	Imperial County (025)	Kern County (029)	Kings County (031)	Madera County (039)	Riverside County (065)	San Bernardino (071)	Tulare County (107)
Thompson Seedless	600	450	550	600	600	450	500	600
Flame Seedless	630	470	570	630	630	470	530	630
Perlette	470	350	430	470	470	350	400	470
Exotic	570	420	520	570	570	420	480	570
Beauty Seedless	--	360	--	--	--	360	410	--
Superior Seedless	580	430	530	580	580	430	490	580
Ruby Seedless	680	500	620	680	680	500	570	680
Emperor	410	300	370	410	410	300	340	410
Crimson Seedless	410	300	370	410	410	300	340	410
Ribier	410	300	370	410	410	300	340	410
Red Globe	540	300	500	540	540	300	340	540
Christmas Rose	410	300	370	410	410	300	340	410
Other Varieties	280	280	280	280	280	280	280	280

**** San Joaquin Co. Table Grape "T-Yields" shall be obtained by sending in request to the Davis RO.**

CALIFORNIA (06)
PEARS (0089)

CO. CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (TONS)
017	El Dorado	189 289	002 002	3.4 1.8
033	Lake	189 289 389	002 002 002	12.9 5.0 5.0
045	Mendocino	189 289 389	002 002 002	15.6 6.3 6.3
067	Sacramento	189 289	002 002	15.1 5.0
077	San Joaquin	189 289	002 002	12.6 5.0
095	Solano	189 289	002 002	9.3 5.0
101	Sutter	189 289	002 002	11.0 5.0
113	Yolo	189 289	002 002	14.0 5.0
115	Yuba	189 289	002 002	12.6 5.0

CALIFORNIA (06)
PLUMS (0090)

TRANSITIONAL YIELDS

COUNTY CODE	NAME	TYPE	PRACTICE	VARIETAL GROUP (by type code)	"T" YIELD (LUGS)
019	Fresno	997	002	Early (107) Mid Season (108) Late Season (109)	220 290 430
029	Kern	997	002	Early (107) Mid Season (108) Late Season (109)	220 290 430
031	Kings	997	002	Early (107) Mid Season (108) Late Season (109)	190 290 430
039	Madera	997	002	Early (107) Mid Season (108) Late Season (109)	190 290 430
047	Merced	997	002	Early (107) Mid Season (108) Late Season (109)	120 180 270
061	Placer	997	002	Early (107) Mid Season (108) Late Season (109)	60 80 100
107	Tulare	997	002	Early (107) Mid Season (108) Late Season (109)	220 290 430

CALIFORNIA (06)
PRUNES (0036)

CO. CODE	COUNTY	TYPE	PRACTICE	T-YIELD (TONS)
007	Butte	997	002	1.8
011	Colusa	997	002	1.3
019	Fresno	997	002	3.0
021	Glenn	997	002	1.8
039	Madera	997	002	3.0
047	Merced	997	002	1.8
085	Santa Clara	997	002	1.2
095	Solano	997	002	1.4
097	Sonoma	997	002	0.7
101	Sutter	997	002	1.6
103	Tehama	997	002	1.8
107	Tulare	997	002	2.1
113	Yolo	997	002	2.0
115	Yuba	997	002	1.9

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CALIFORNIA (06) STONEFRUIT -Page 1 of 2

PRACTICE: 002-TRANSITIONAL YIELDS

County CODE	NAME	Apricots Fresh (0218) *LUGS*	Apricots Processing (0219) TONS	Nectarines Fresh (0220) *LUGS*	Freestone Peaches Processing (0222) TONS	Freestone Peaches Fresh (0223) *LUGS*
013	Contra Costa	240	4.3			
019	Fresno	290	4.6	550	7.5	510
029	Kern	220	3.4	370	6.2	430
031	Kings	240	3.8	490	7.0	480
039	Madera	260	4.2	450	7.0	480
047	Merced	290	4.6	580	14.7	1,000
069	San Benito	190	3.0			
077	San Joaquin	360	5.7			
085	Santa Clara	160	2.5			
095	Solano	120	1.9			
099	Stanislaus	440	7.0	450	14.5	990
107	Tulare	300	4.8	500	6.9	470
113	Yolo	120	1.9			

CALIFORNIA (06)
STONEFRUIT-Page 2 of 2

PRACTICE: 002--TRANSITIONAL YIELD (TONS)

--Processing Cling Peaches--(0221)--

COUNTY CODE	COUNTY	EXTRA EARLY (214) TONS	EARLY (224) TONS	LATE (234) TONS	EXTRA LATE (244) TONS
007	Butte	10.5	12.9	13.3	14.6
019	Fresno	15.1	16.3	16.8	14.9
031	Kings	14.4	15.5	16.0	14.2
039	Madera	12.2	14.8	14.1	13.7
047	Merced	12.2	14.7	14.2	13.8
077	San Joaquin	16.5	19.8	19.1	18.6
099	Stanislaus	12.4	14.9	14.4	14.0
101	Sutter	11.4	14.0	14.4	15.9
107	Tulare	14.2	15.3	15.8	14.0
115	Yuba	10.9	13.4	13.8	15.2

CALIFORNIA (06)
WALNUTS (0029) Page 1 of 2

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (POUNDS)
005	Amador	997	002	1270
		997	003	570
007	Butte	997	002	2310
009	Calaveras	997	002	1030
		997	003	520
011	Colusa	997	002	1820
013	Contra Costa	997	002	1300
019	Fresno	997	002	2570
021	Glenn	997	002	1770
029	Kern	997	002	3170
031	Kings	997	002	2810
033	Lake	997	002	800
		997	003	500
039	Madera	997	002	2280
047	Merced	997	002	2300
061	Placer	997	002	2560

CALIFORNIA (06)
WALNUTS (0029) Page 2 of 2

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (POUNDS)
069	San Benito	997	002	2180
		997	003	780
077	San Joaquin	997	002	2320
079	San Luis Obispo	997	002	1000
		997	003	500
083	Santa Barbara	997	002	1860
085	Santa Clara	997	002	1880
		997	003	500
089	Shasta	997	002	1780
095	Solano	997	002	1490
099	Stanislaus	997	002	2450
101	Sutter	997	002	2330
103	Tehama	997	002	2000
107	Tulare	997	002	2310
113	Yolo	997	002	1930
115	Yuba	997	002	2590

HAWAII (15)
MACADAMIA NUTS (0023)

HAWAII (001)---KAUAI (007)---MAUI (009)

PRACTICES: 002 & 003
TYPE: 997

TRANSITIONAL YIELD (PER TREE)

TREE AGE (years)	(Wet in-Shell Pounds)
5	1
6	2
7	4
8	8
9	13
10	20
11	30
12	35
13-15	40
16	45
17 and older	50

UTAH (49)
APPLES (0054)

TRANSITIONAL YIELD TABLE

COUNTY CODE	COUNTY	TYPE	PRACTICE	"T" YIELD (Boxes)
003	Box Elder	002	111	250
049	Utah	002	111	250

JACKSON RO

ARKANSAS (05)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
143	Washington	111 112	997 997	232 232

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ARKANSAS (05)
GRAPES (0053)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD
007	Benton	997	997	3.7 tons
141	Washington	997	997	3.7 tons

ARKANSAS (05)
PEACHES (0034)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (BUSHELS)
019	Clark	101 102	997 997	121 121
021	Clay	101 102	997 997	121 121
025	Cleveland	101 102	997 997	121 121
037	Cross	101 102	997 997	121 121
047	Franklin	101 102	997 997	121 121
061	Howard	101 102	997 997	121 121
063	Independence	101 102	997 997	121 121
071	Johnson	101 102	997 997	121 121
077	Lee	101 102	997 997	121 121
107	Phillips	101 102	997 997	121 121
115	Pope	101 102	997 997	121 121
123	St. Francis	101 102	997 997	121 121
133	Sevier	101 102	997 997	121 121
137	Stone	101 102	997 997	121 121

KENTUCKY (21)
PEACHES (0034)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (Bushels)
141	Logan	101 102	997 997	187 187
227	Warren	101 102	997 997	187 187

LOUISIANA (22)
PEACHES (0034)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (Bushels)
003	Allen	101 102	997 997	67 67
015	Bossier	101 102	997 997	67 67
061	Lincoln	101 102	997 997	67 67
069	Natchitoches	101 102	997 997	67 67
073	Ouachita	101 102	997 997	67 67

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

MISSISSIPPI (28)
BLUEBERRIES (0012)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (pounds)
031	Covington	001	002	1000
035	Forrest	001	002	1000
067	Jones	001	002	1000
073	Lamar	001	002	1000
127	Simpson	001	002	1000
129	Smith	001	002	1000
153	Wayne	001	002	1000

MISSISSIPPI (28)
GRAPES (0053)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (tons)
023	Clarke	997	002	3.6
061	Jasper	997	002	3.6

MISSISSIPPI (28)
PEACHES (0034)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (Bushels)
003	Alcorn	101 102	997 997	79 79
013	Calhoun	101 102	997 997	79 79
023	Clarke	101 102	997 997	79 79
031	Covington	101 102	997 997	79 79
067	Jones	101 102	997 997	79 79
075	Lauderdale	101 102	997 997	79 79
081	Lee	101 102	997 997	79 79
095	Monroe	101 102	997 997	79 79
107	Panola	101 102	997 997	79 79
115	Pontoon	101 102	997 997	79 79
137	Tate	101 102	997 997	79 79
155	Webster	101 102	997 997	79 79

TENNESSEE (47)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (Bushels)
029	Cocker	111 112	997 997	232 232
155	Sevier	111 112	997 997	232 232

TENNESSEE (47)
PEACHES (0034)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
017	Carroll	101 102	997 997	105 105
023	Chester	101 102	997 997	105 105
069	Hadean	101 102	997 997	105 105
075	Hanwood	101 102	997 997	105 105
097	Lauderdale	101 102	997 997	105 105
099	Lawrence	101 102	997 997	105 105
113	Madison	101 102	997 997	105 105
131	Onion	101 102	997 997	105 105
157	Shelby	101 102	997 997	105 105
167	Tiptoe	101 102	997 997	105 105

OKLAHOMA CITY RO

NEW MEXICO (35)
APPLES (0054)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
019	Guadalupe	111 112	002 002	210 210
027	Lincoln	111 112	002 002	210 210
035	Otero	111 112	002 002	210 210
039	Rio Arriba	111 112	002 002	210 210

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

OKLAHOMA (40)-PEACHES (0034)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
001	Adair	101	002	66
		101	003	66
		102	002	66
		102	003	66
005	Atoka	101	002	57
		101	003	57
		102	002	57
		102	003	57
013	Bryan	101	002	57
		101	003	57
		102	002	57
		102	003	57
049	Garvin	101	002	57
		101	003	57
		102	002	57
		102	003	57
087	McClain	101	002	57
		101	003	57
		102	002	57
		102	003	57
091	McIntosh	101	002	57
		101	003	57
		102	002	57
		102	003	57
133	Seminole	101	002	57
		101	003	57
		102	002	57
		102	003	57
145	Wagoner	101	002	66
		101	003	66
		102	002	66
		102	003	66

TEXAS (48)
Citrus Fruit Crop --Transitional Yield Table
Beginning with the 2001 Crop Year

* (For Set Out and Dehorned Trees)

COUNTY CODE	COUNTY NAME
061	Cameron
215	Hidalgo
489	Willacy

Year**	All Oranges (0224, 0225) Tons/Acre	All Grapefruit (0226, 0228, 0238) Tons/Acre
1	0.0	0.0
2	0.0	0.0
3	3.0	4.0
4	5.0	6.0
5	7.0	9.0
6	10.0	13.0
7	12.0	16.0
8 and up	15.0	20.0

****Year is defined for set outs as the crop year following set out.**

****Year is defined for dehorned trees as the crop year trees were dehorned.**

***[See Texas Citrus Tree Crop Provisions for definition of "set out" and "dehorning"]**

TEXAS (48)
GRAPES (0053)

COUNTY CODE	COUNTY* NAME	TYPES	PRACTICE
095	Concho	071/072/073	002
153	Floyd	071/072/073	002
189	Hale	071/072/073	002
219	Hockley	071/072/073	002
279	Lamb	071/072/073	002
303	Lubbock	071/072/073	002
305	Lynn	071/072/073	002
327	Menard	071/072/073	002
371	Pecos	071/072/073	002
399	Runnels	071/072/073	002
445	Terry	071/072/073	002
451	Tom Green	071/072/073	002
497	Wise	071/072/073	002

*** Transitional yields are established for the Varieties listed on the following page.**

TEXAS (48) (continued)
GRAPES (0053)

VARIETY	TRANSITIONAL YIELD (Tons)
Barbara	1.8
Cabernet Franc	1.8
Cabernet Sauvignon	1.8
Chardonnay	1.8
Chenin Blanc	3.0
French Colombard	3.0
Gewurztraminer	1.8
Merlot	1.8
Muscat Canelli	1.8
Napa Gamay	1.8
Pinot Noir	1.8
Ruby Cabernet	3.0
Sauvignon Blanc	3.0
Semillon	3.0
Seval Blanc	1.8
White Riesling	3.0
Zinfandel	1.8

TEXAS (48)
PEACHES (0034) Page 1 of 7

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (bushels)
005	Angelina	101	002	61
		101	003	61
		102	002	61
		102	003	61
063	Camp	101	002	86
		101	003	86
		102	002	86
		102	003	86
073	Cherokee	101	002	61
		101	003	61
		102	002	61
		102	003	61
077	Clay	101	002	96
		101	003	96
		102	002	96
		102	003	96
093	Comanche	101	002	52
		101	003	52
		102	002	52
		102	003	52
121	Denton	101	002	51
		101	003	51
		102	002	51
		102	003	51

TEXAS (48)
PEACHES (0034) Page 2 of 7

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (bushels)
123	DeWitt	101	002	107
		101	003	107
		102	002	107
		102	003	107
133	Eastland	101	002	52
		101	003	52
		102	002	52
		102	003	52
147	Fannin	101	002	51
		101	003	51
		102	002	51
		102	003	51
159	Franklin	101	002	86
		101	003	86
		102	002	86
		102	003	86
161	Freestone	101	002	71
		101	003	71
		102	002	71
		102	003	71
171	Gillespie	101	002	107
		101	003	107
		102	002	107
		102	003	107
181	Grayson	101	002	51
		101	003	51
		102	002	51
		102	003	51

TEXAS (48) -PEACHES (0034)-Page 3 of 7

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (bushels)
187	Guadalupe	101	002	107
		101	003	107
		102	002	107
		102	003	107
209	Hays	101	002	107
		101	003	107
		102	002	107
		102	003	107
213	Henderson	101	002	92
		101	003	92
		102	002	92
		102	003	92
215	Hidalgo	101	002	60
		101	003	60
		102	002	60
		102	003	60
221	Hood	101	002	52
		101	003	52
		102	002	52
		102	003	52
241	Jasper	101	002	61
		101	003	61
		102	002	61
		102	003	61
251	Johnson	101	002	52
		101	003	52
		102	002	52
		102	003	52
257	Kaufman	101	002	92
		101	003	92
		102	002	92
		102	003	92

TEXAS (48)
PEACHES (0034) page 4 of 7

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (bushels)
289	Leon	101	002	71
		101	003	71
		102	002	71
		102	003	71
293	Limestone	101	002	71
		101	003	71
		102	002	71
		102	003	71
309	McLennan	101	002	71
		101	003	71
		102	002	71
		102	003	71
337	Montague	101	002	96
		101	003	96
		102	002	96
		102	003	96
343	Morris	101	002	86
		101	003	86
		102	002	86
		102	003	86
347	Nacogdoches	101	002	61
		101	003	61
		102	002	61
		102	003	61

TEXAS (48)
PEACHES (0034) Page 5 of 7

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (bushels)
351	Newton	101	002	61
		101	003	61
		102	002	61
		102	003	61
363	Palo Pinto	101	002	52
		101	003	52
		102	002	52
		102	003	52
367	Parker	101	002	52
		101	003	52
		102	002	52
		102	003	52
373	Polk	101	002	61
		101	003	61
		102	002	61
		102	003	61
387	Red River	101	002	86
		101	003	86
		102	002	86
		102	003	86
395	Robertson	101	002	71
		101	003	71
		102	002	71
		102	003	71

TEXAS (48)
PEACHES (0034) Page 6 of 7

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
401	Rusk	101	002	61
		101	003	61
		102	002	61
		102	003	61
403	Sabine	101	002	61
		101	003	61
		102	002	61
		102	003	61
411	San Saba	101	002	52
		101	003	52
		102	002	52
		102	003	52
419	Shelby	101	002	61
		101	003	61
		102	002	61
		102	003	61
423	Smith	101	002	92
		101	003	92
		102	002	92
		102	003	92
449	Titus	101	002	86
		101	003	86
		102	002	86
		102	003	86
459	Upshur	101	002	92
		101	003	92
		102	002	92
		102	003	92

TEXAS (48)
PEACHES (0034) Page 7 of 7

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
467	Van Zandt	101	002	92
		101	003	92
		102	002	92
		102	003	92
493	Wilson	101	002	107
		101	003	107
		102	002	107
		102	003	107
499	Wood	101	002	92
		101	003	92
		102	002	92
		102	003	92

RALEIGH RO

CONNECTICUT (09)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Fairfield	111 112	997 997	202 202
003	Hartford	111 112	997 997	219 219
005	Litchfield	111 112	997 997	185 185
007	Middlesex	111 112	997 997	206 206
009	New Haven	111 112	997 997	223 223
011	New London	111 112	997 997	175 175
013	Tolland	111 112	997 997	200 200
015	Windham	111 112	997 997	206 206

MAINE (23)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD BUSHELS
001	Androscoggin	111 112	997 997	283 283
005	Cumberland	111 112	997 997	261 261
007	Franklin	111 112	997 997	288 288
011	Kennebec	111 112	997 997	283 283
013	Knox	111 112	997 997	283 283
017	Oxford	111 112	997 997	288 288
019	Penobscot	111 112	997 997	240 240
027	Waldo	111 112	997 997	283 283
031	York	111 112	997 997	293 293

MAINE (23)
BLUEBERRIES (0012)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (LBS)
009	Hancock	004	002 003	2240 2240
013	Knox	004	002 003	2240 2240
015	Lincoln	004	002 003	2240 2240
019	Penobscot	004	002 003	2240 2240
021	Piscataquis	004	002 003	2240 2240
027	Waldo	004	002 003	2240 2240
029	Washington	004	002 003	2240 2240

MARYLAND (34)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Allegany	111 112	997 997	310 310
021	Frederick	111 112	997 997	300 300
025	Harford	111 112	997 997	419 419
039	Somerset	111 112	997 997	310 310
043	Washington	111 112	997 997	384 384
047	Worcester	111 112	997 997	310 310

MARYLAND (24)
PEACHES (0034)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (Bushels)
043	Washington	101 102	997 997	128 128

MASSACHUSETTS (25)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Barnstable	111 112	997 997	136 136
003	Berkshire	111 112	997 997	225 225
005	Bristol	111 112	997 997	143 143
007	Dukes	111 112	997 997	136 136
009	Essex	111 112	997 997	242 242
011	Franklin	111 112	997 997	223 223
013	Hampden	111 112	997 997	243 243
015	Hampshire	111 112	997 997	210 210
017	Middlesex	111 112	997 997	242 242
021	Norfolk	111 112	997 997	235 235
023	Plymouth	111 112	997 997	136 136
027	Worcester	111 112	997 997	242 242

MASSACHUSETTS (25)
CRANBERRIES (0058)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BARRELS)
001	Barnstable	997	997	99.7
005	Bristol	997	997	117.4
017	Middlesex	997	997	117.4
019	Nantucket	997	997	99.7
021	Norfolk	997	997	117.4
023	Plymouth	997	997	131.4

NEW HAMPSHIRE (33)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
003	Carroll	111 112	997 997	203 203
005	Cheshire	111 112	997 997	273 273
009	Grafton	111 112	997 997	203 203
011	Hillsborough	111 112	997 997	274 274
013	Merrimack	111 112	997 997	289 289
015	Rockingham	111 112	997 997	287 287
017	Strafford	111 112	997 997	281 281
019	Sullivan	111 112	997 997	255 255

NEW JERSEY (34)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Atlantic	111 112	997 997	272 272
005	Burlington	111 112	997 997	272 272
007	Camden	111 112	997 997	327 327
011	Cumberland	111 112	997 997	272 272
015	Gloucester	111 112	997 997	384 384
019	Hunterdon	111 112	997 997	306 306
021	Mercer	111 112	997 997	296 296
023	Middlesex	111 112	997 997	285 285
025	Monmouth	111 112	997 997	299 299
033	Salem	111 112	997 997	328 328
035	Somerset	111 112	997 997	296 296
041	Warren	111 112	997 997	187 187

NEW JERSEY (34)
BLUEBERRIES (0012)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (LBS)
001	Atlantic	002	002/Irrigated with frost protection	5,006
			002/Irrigated without frost protection	3,755
			003/Non-Irrigated	2,503
005	Burlington	002	002/Irrigated with frost protection	2,946
			002/Irrigated without frost protection	2,210
			003/Non-Irrigated	1,473

NEW JERSEY (34)
CRANBERRIES (0058)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BARRELS)
005	Burlington	997	997	103.4
029	Ocean	997	997	103.4

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

NEW JERSEY (34)
PEACHES (0034)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Atlantic	101 102	997 997	127 127
005	Burlington	101 102	997 997	127 127
007	Camden	101 102	997 997	127 127
011	Cumberland	101 102	997 997	127 127
015	Gloucester	101 102	997 997	127 127
023	Middlesex	101 102	997 997	127 127
033	Salem	101 102	997 997	127 127

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

NEW YORK (36)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Albany	111 112	997 997	360 360
011	Cayuga	111 112	997 997	309 309
019	Clinton	111 112	997 997	248 248
021	Columbia	111 112	997 997	450 450
027	Dutchess	111 112	997 997	414 414
031	Essex	111 112	997 997	248 248
055	Monroe	111 112	997 997	444 444
063	Niagara	111 112	997 997	447 447
065	Oneida	111 112	997 997	393 393
067	Onondaga	111 112	997 997	450 450
069	Ontario	111 112	997 997	462 462
071	Orange	111 112	997 997	402 402
073	Orleans	111 112	997 997	507 507

NEW YORK
APPLES (continued)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
075	Oswego	111 112	997 997	393 393
091	Saratoga	111 112	997 997	315 315
095	Schoharie	111 112	997 997	360 360
103	Suffolk	111 112	997 997	431 431
111	Ulster	111 112	997 997	451 451
115	Washington	111 112	997 997	287 287
117	Wayne	111 112	997 997	450 450

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

NEW YORK (36)
GRAPES (0053)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (TONS)
009	Cattaraugus	285	997	4.3
		286	997	4.3
		287	997	4.3
		288	997	4.3
		289	997	4.3
		290	997	4.3
		291	997	4.3
		292	997	4.3
		293	997	4.3
013	Chautauqua	285	997	5.5
		286	997	5.5
		287	997	5.5
		288	997	5.5
		289	997	5.5
		290	997	5.5
		291	997	5.5
		292	997	5.5
		293	997	5.5
029	Erie	285	997	4.4
		286	997	4.4
		287	997	4.4
		288	997	4.4
		289	997	4.4
		290	997	4.4
		291	997	4.4
		292	997	4.4
		293	997	4.4
063	Niagara	285	997	4.2
		286	997	4.2
		287	997	4.2
		288	997	4.2
		289	997	4.2
		290	997	4.2
		291	997	4.2
		292	997	4.2
		293	997	4.2

NEW YORK (36)
GRAPES (0053) continued

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (TONS)
069	Ontario	285	997	4.0
		286	997	4.0
		287	997	4.0
		288	997	4.0
		289	997	4.0
		290	997	4.0
		291	997	4.0
		292	997	4.0
		293	997	4.0
097	Schuyler	285	997	5.5
		286	997	5.5
		287	997	5.5
		288	997	5.5
		289	997	5.5
		290	997	5.5
		291	997	5.5
		292	997	5.5
		293	997	5.5
099	Seneca	285	997	4.5
		286	997	4.5
		287	997	4.5
		288	997	4.5
		289	997	4.5
		290	997	4.5
		291	997	4.5
		292	997	4.5
		293	997	4.5
101	Steuben	285	997	5.0
		286	997	5.0
		287	997	5.0
		288	997	5.0
		289	997	5.0
		290	997	5.0
		291	997	5.0
		292	997	5.0
		293	997	5.0

NEW YORK (36)
GRAPES (0053) continued

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (TONS)
111	Ulster	285	997	4.8
		286	997	4.8
		287	997	4.8
		288	997	4.8
		289	997	4.8
		290	997	4.8
		291	997	4.8
		292	997	4.8
		293	997	4.8
117	Wayne	285	997	4.0
		286	997	4.0
		287	997	4.0
		288	997	4.0
		289	997	4.0
		290	997	4.0
		291	997	4.0
		292	997	4.0
		293	997	4.0
123	Yates	285	997	5.3
		286	997	5.3
		287	997	5.3
		288	997	5.3
		289	997	5.3
		290	997	5.3
		291	997	5.3
		292	997	5.3
		293	997	5.3

NEW YORK (36)
PEACHES (0034)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
063	Niagara	101 102	997 997	131 131

NORTH CAROLINA (37)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
003	Alexander	111 112	997 997	300 300
011	Avery	111 112	997 997	252 252
021	Buncombe	111 112	997 997	446 446
023	Burke	111 112	997 997	346 346
035	Catawba	111 112	997 997	346 346
045	Cleveland	111 112	997 997	346 346
087	Haywood	111 112	997 997	446 446
089	Henderson	111 112	997 997	446 446
109	Lincoln	111 112	997 997	346 346
111	McDowell	111 112	997 997	346 346
113	Macon	111 112	997 997	97 97
121	Mitchell	111 112	997 997	252 252

NORTH CAROLINA (37)
APPLES (0054) (continued)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
149	Polk	111 112	997 997	346 346
161	Rutherford	111 112	997 997	346 346
169	Stokes	111 112	997 997	265 265
189	Watauga	111 112	997 997	252 252
193	Wilkes	111 112	997 997	300 300

NORTH CAROLINA (37)
BLUEBERRIES (0012)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (LBS)
017	Bladen	001	002/Irrigated with frost protection	3988
047	Columbus			
049	Craven	002		
061	Duplin		002/Irrigated without frost protection	2991
141	Pender			
163	Sampson			
			003/Non-Irrigated	1994

NORTH CAROLINA (37)
PEACHES (0034)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (bushels)
003	Alexander	101 102	997 997	134 134
007	Anson	101 102	997 997	134 134
045	Cleveland	101 102	997 997	134 134
071	Gaston	101 102	997 997	134 134
093	Hoke	101 102	997 997	134 134
101	Johnston	101 102	997 997	134 134
109	Lincoln	101 102	997 997	134 134
123	Montgomery	101 102	997 997	134 134
125	Moore	101 102	997 997	134 134
127	Nash	101 102	997 997	134 134

NORTH CAROLINA (37)
PEACHES (0034) (continued)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
149	Polk	101 102	997 997	134 134
153	Richmond	101 102	997 997	134 134
161	Rutherford	101 102	997 997	134 134
163	Sampson	101 102	997 997	134 134
183	Wake	101 102	997 997	134 134
193	Wilkes	101 102	997 997	134 134

PENNSYLVANIA (42)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Adams	111 112	997 997	475 475
003	Allegheny	111 112	997 997	221 221
009	Bedford	111 112	997 997	353 353
011	Berks	111 112	997 997	478 478
013	Blair	111 112	997 997	353 353
015	Bradford	111 112	997 997	390 390
017	Bucks	111 112	997 997	239 239
019	Butler	111 112	997 997	221 221
021	Cambria	111 112	997 997	246 246
025	Carbon	111 112	997 997	269 269
027	Centre	111 112	997 997	378 378
029	Chester	111 112	997 997	285 285
031	Clarion	111 112	997 997	243 243
033	Clearfield	111 112	997 997	246 246

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PENNSYLVANIA (42)
APPLES (0054) (continued)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
041	Cumberland	111 112	997 997	474 474
043	Dauphin	111 112	997 997	369 369
049	Erie	111 112	997 997	269 269
051	Fayette	111 112	997 997	210 210
055	Franklin	111 112	997 997	472 472
063	Indiana	111 112	997 997	228 228
067	Juniata	111 112	997 997	403 403
071	Lancaster	111 112	997 997	368 368
073	Lawrence	111 112	997 997	368 368
077	Lehigh	111 112	997 997	451 451
079	Luzerne	111 112	997 997	234 234
081	Lycoming	111 112	997 997	309 309
083	McKean	111 112	997 997	280 280

PENNSYLVANIA
APPLES (0054) (continued)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
085	Mercer	111 112	997 997	243 243
087	Mifflin	111 112	997 997	303 303
089	Monroe	111 112	997 997	275 275
095	Northampton	111 112	997 997	322 322
097	Northumberland	111 112	997 997	432 432
107	Schuykill	111 112	997 997	453 453
109	Snyder	111 112	997 997	367 367
117	Tioga	111 112	997 997	350 350
119	Union	111 112	997 997	372 372
121	Venango	111 112	997 997	243 243
125	Washington	111 112	997 997	272 272
129	Westmoreland	111 112	997 997	210 210
131	Wyoming	111 112	997 997	312 312
133	York	111 112	997 997	399 399

PENNSYLVANIA (42)
GRAPES (0053)

CO. CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (TONS)
049	Erie	285	997	6.1
		286	997	6.1
		287	997	6.1
		288	997	6.1
		289	997	6.1
		290	997	6.1
		291	997	6.1
		292	997	6.1
		293	997	6.1

PENNSYLVANIA (42)
PEACHES (0034)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (BUSHELS)
001	Adams	101 102	997 997	209 209
011	Berks	101 102	997 997	209 209
041	Cumberland	101 102	997 997	209 209
055	Franklin	101 102	997 997	209 209
071	Lancaster	101 102	997 997	209 209
077	Lehigh	101 102	997 997	209 209
133	York	101 102	997 997	209 209

RHODE ISLAND (44)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
003	Kent	111 112	997 997	238 238
005	Newport	111 112	997 997	233 233
007	Providence	111 112	997 997	243 243
009	Washington	111 112	997 997	233 233

RHODE ISLAND (44)
CRANBERRIES (0058)

COUNTY CODE	COUNTY	TYPE	PRACTICE CODE	T-YIELD (BARRELS)
003	Kent	997	997	112.1
005	Newport	997	997	112.1
007	Providence	997	997	112.1

VERMONT (50)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
001	Addison	111 112	997 997	301 301
003	Bennington	111 112	997 997	278 278
007	Chittendon	111 112	997 997	195 195
013	Grand Isle	111 112	997 997	301 301
021	Rutland	111 112	997 997	269 269
025	Windham	111 112	997 997	287 287
027	Windsor	111 112	997 997	222 222

VIRGINIA (51)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
003	Albemarle	111 112	997 997	346 346
009	Amherst	111 112	997 997	339 339
019	Bedford	111 112	997 997	339 339
023	Botetourt	111 112	997 997	339 339
035	Carroll	111 112	997 997	298 298
043	Clarke	111 112	997 997	333 333
047	Culpeper	111 112	997 997	333 333
063	Floyd	111 112	997 997	298 298
067	Franklin	111 112	997 997	298 298
069	Frederick	111 112	997 997	375 375
077	Grayson	111 112	997 997	298 298
113	Madison	111 112	997 997	346 346
125	Nelson	111 112	997 997	346 346
137	Orange	111 112	997 997	346 346

VIRGINIA (51)
APPLES (0054) (continued)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD BUSHELS
141	Patrick	111 112	997 997	298 298
157	Rappahannock	111 112	997 997	333 333
161	Roanoke	111 112	997 997	339 339
163	Rockbridge	111 112	997 997	339 339
165	Rockingham	111 112	997 997	375 375
169	Scott	111 112	997 997	298 298
171	Shenandoah	111 112	997 997	375 375
173	Smyth	111 112	997 997	298 298
187	Warren	111 112	997 997	333 333
197	Wythe	111 112	997 997	298 298

VIRGINIA (51)
PEACHES (0034)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD BUSHELS
003	Albemarle	101 102	997 997	153 153
009	Amherst	101 102	997 997	153 153
019	Bedford	101 102	997 997	153 153
023	Botetourt	101 102	997 997	153 153
035	Carroll	101 102	997 997	153 153
063	Floyd	101 102	997 997	153 153
067	Franklin	101 102	997 997	153 153
069	Frederick	101 102	997 997	153 153
113	Madison	101 102	997 997	153 153
125	Nelson	101 102	997 997	153 153
137	Orange	101 102	997 997	153 153
141	Patrick	101 102	997 997	153 153
143	Pittsylvania	101 102	997 997	153 153

VIRGINIA (51)
PEACHES (0034) (continued)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD BUSHELS
157	Rappahannock	101 102	997 997	153 153
165	Rockingham	101 102	997 997	153 153
171	Shenandoah	101 102	997 997	153 153
197	Wythe	101 102	997 997	153 153

WEST VIRGINIA (54)
APPLES (0054)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD (BUSHELS)
003	Berkeley	111 112	997 997	309 309
013	Calhoun	111 112	997 997	309 309
027	Hampshire	111 112	997 997	309 309
031	Hardy	111 112	997 997	309 309
033	Harrison	111 112	997 997	309 309
037	Jefferson	111 112	997 997	333 333
055	Mercer	111 112	997 997	309 309
063	Monroe	111 112	997 997	309 309
065	Morgan	111 112	997 997	309 309
067	Nicholas	111 112	997 997	309 309
079	Putnam	111 112	997 997	309 309
101	Webster	111 112	997 997	309 309

WEST VIRGINIA (54)
PEACHES (0034)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE	T-YIELD BUSHELS
003	Berkeley	101 102	997 997	136 136
027	Hampshire	101 102	997 997	136 136
037	Jefferson	101 102	997 997	136 136
065	Morgan	101 102	997 997	136 136

SPOKANE RO

Note: Spokane RO Perennial T-yields are no longer found in this Listing.

The Perennial T-yields for the Spokane RO have been placed on the FCI-33 Legal Descriptor Rules Page/Actuarial Table which is found on the RMA website, www.rma.usda.gov/tools/

SPRINGFIELD RO

ILLINOIS (17)
APPLES (0054)

T-Yield: Refer to the Table following page for T-Yield Determination.

COUNTY CODE	NAME	TYPE	PRACTICE
013	Calhoun	111 112	997 997
077	Jackson	111 112	997 997
083	Jersey	111 112	997 997
149	Pike	111 112	997 997
163	St. Clair	111 112	997 997
181	Union	111 112	997 997

ILLINOIS (17)
APPLES (0054) (Continued)

T-YIELD DETERMINATION TABLE

	TREE AGE							
	1-3	4	5	6	7	8	9	10+
DENSITY (trees per acre)	TRANSITIONAL YIELD (bushels)							
<150	*	*	*	*	150	175	205	240
150-300	*	*	*	150	175	205	240	240
301-500	*	*	150	175	205	240	240	240
501+	*	150	175	205	240	240	240	240

*** = Uninsurable unless a 150 bu/acre minimum by block is verifiable via production records.**

Values shown are bushels per acre based on the variables of tree age and density. To determine the transitional yield, tree age and density (based on the original planting) must be known. When the orchard contains only one grouping based on tree age and density and the percent stand is ninety or greater, the transitional yield may be obtained from the table.

Similar steps must be repeated for each applicable tree age and density grouping based on the various blocks present in the orchard. As necessary, the weighted average transitional yield is calculated by taking the appropriate "T" yield(s) from the table and multiplying the value(s) by the associated acres. The weighted average "T" yield is the total of these extensions divided by the total number of acres. This value is the transitional yield.

The bushels per acre value contained in the table is based on a tree stand of 90 percent or greater of the original planting. For any percent stand value less than 90 percent, first factor the transitional yield by the percent stand and then factor that result by standard APH rules. Please refer to procedure for calculating the transitional yield.

TREE AGE: Number of growing seasons attained after being set out or grafted prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.

ILLINOIS (17)
PEACHES (0054)

T-Yield: Refer to the Table following page for T-Yield Determination.

COUNTY CODE	NAME	TYPE	PRACTICE
013	Calhoun	101 102	997 997
077	Jackson	101 102	997 997
163	St. Clair	101 102	997 997
181	Union	101 102	997 997

ILLINOIS (17)
PEACHES (0034) (Continued)

T-YIELD DETERMINATION TABLE

	DENSITY (trees per acre)			
TREE AGE IN YEARS	<100	100 to 149	150 to 199	>199
	TRANSITIONAL YIELD (bushels)			
Less Than 5 years	18	21	26	30
5 years	46	56	66	76
6-7 years	72	82	92	101
8-11 years	86	96	106	112
More than 11 years	78	90	101	112

Values presented are bushels per acre based on the variables of tree age and density. To determine the transitional yield, tree age and density (based on the original planting) must be known to select the proper bushels per acre value. When the orchard contains only one grouping based on tree age and density and the percent stand is ninety or greater, the transitional yield may be obtained from the table and used according to procedure.

Similar steps must be repeated for each applicable tree age and density grouping based on the various blocks present in the orchard. As necessary, the weighted average transitional yield is calculated by taking the appropriate "T" yield(s) from the table and multiplying the value(s) by the associated acres. The weighted average "T" yield is the total of these extensions divided by the total number of acres. This value is the transitional yield and used according to procedure. Please refer to procedure for examples addressing weighted average transitional yields.

The bushels per acre value contained in the table is based on a tree stand of 90 percent or greater of the original planting. For any percent stand value less than 90 percent, please refer to procedure for calculating the transitional yield.

TREE AGE: Number of growing seasons attained after being set out or grafted prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.

INDIANA (18)
APPLES (0054)

T-Yield: Refer to the Table following page for T-Yield Determination.

COUNTY CODE	NAME	TYPE	PRACTICE
019	Clark	111 112	997 997
039	Elkhart	111 112	997 997
045	Fountain	111 112	997 997
059	Hancock	111 112	997 997
063	Hendricks	111 112	997 997
081	Knox	111 112	997 997
091	La Porte	111 112	997 997
097	Marion	111 112	997 997
109	Morgan	111 112	997 997
147	Spencer	111 112	997 997

INDIANA (18) (Continued)
APPLES (0054)

	TREE AGE							
	1-3	4	5	6	7	8	9	10+
DENSITY (trees per acre)	TRANSITIONAL YIELD (bushels)							
<150	*	*	*	*	150	175	205	240
150-300	*	*	*	150	175	205	240	240
301-500	*	*	150	175	205	240	240	240
501+	*	150	175	205	240	240	240	240

*** = Uninsurable unless a 150 bu/acre minimum by block is verifiable *via* production records.**

Values shown are bushels per acre based on the variables of tree age and density. To determine the transitional yield, tree age and density (based on the original planting) must be known. When the orchard contains only one grouping based on tree age and density and the percent stand is ninety or greater, the transitional yield may be obtained from the table.

Similar steps must be repeated for each applicable tree age and density grouping based on the various blocks present in the orchard. As necessary, the weighted average transitional yield is calculated by taking the appropriate "T" yield(s) from the table and multiplying the value(s) by the associated acres. The weighted average "T" yield is the total of these extensions divided by the total number of acres. This value is the transitional yield.

The bushels per acre value contained in the table is based on a tree stand of 90 percent or greater of the original planting. For any percent stand value less than 90 percent, first factor the transitional yield by the percent stand and then factor that result by standard APH rules. Please refer to procedure for calculating the transitional yield.

TREE AGE: Number of growing seasons attained after being set out or grafted prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.

MICHIGAN (26)
APPLES (0054) --page 1 of 5

REFER TO THE TABLE FOLLOWING PAGE(s) FOR TRANSITIONAL YIELD DETERMINATION

CODE	COUNTY NAME	TYPE	PRACTICE
005	Allegan	111 111 112 112	002 003 002 003
009	Antrim	111 111 112 112	002 003 002 003
019	Benzie	111 111 112 112	002 003 002 003
021	Berrien	111 111 112 112	002 003 002 003
027	Cass	111 111 112 112	002 003 002 003
037	Clinton	111 111 112 112	002 003 002 003
049	Genesee	111 111 112 112	002 003 002 003

MICHIGAN (26)
APPLES (0054)-- page 2 of 5

CODE	COUNTY NAME	TYPE	PRACTICE
055	Grand Traverse	111 111 112 112	002 003 002 003
067	Ionia	111 111 112 112	002 003 002 003
077	Kalamazoo	111 111 112 112	002 003 002 003
081	Kent	111 111 112 112	002 003 002 003
089	Leelanau	111 111 112 112	002 003 002 003
091	Lenawee	111 111 112 112	002 003 002 003
099	Macomb	111 111 112 112	002 003 002 003

MICHIGAN (26)
APPLES (0054)-- page 3 of 5

CODE	COUNTY NAME	TYPE	PRACTICE
101	Manistee	111 111 112 112	002 003 002 003
105	Mason	111 111 112 112	002 003 002 003
107	Mecosta	111 111 112 112	002 003 002 003
117	Montcalm	111 111 112 112	002 003 002 003
121	Muskegon	111 111 112 112	002 003 002 003
123	Newaygo	111 111 112 112	002 003 002 003

MICHIGAN (26)
APPLES (0054)-- page 4 of 5

CODE	COUNTY NAME	TYPE	PRACTICE
127	Oceana	111 111 112 112	002 003 002 003
139	Ottawa	111 111 112 112	002 003 002 003
155	Shiawassee	111 111 112 112	002 003 002 003
159	Van Buren	111 111 112 112	002 003 002 003
161	Washtenaw	111 111 112 112	002 003 002 003

MICHIGAN (26)
APPLES (0054)-- Page 5 of 5

TABLE FOR
TRANSITIONAL YIELD DETERMINATION

	TREE AGE								
	1-2	3	4	5	6	7	8	9	10+
DENSITY (trees per acre)	TRANSITIONAL YIELDS (bushels)								
<150	*	*	*	*	150	180	210	240	265
150-300	*	*	*	150	180	210	240	265	285
301-500	*	*	150	180	210	240	265	285	285
501+	*	150	180	210	240	265	285	285	285

*** = Uninsurable unless a 150 bu/acre minimum by block is verifiable via production records.**

Values shown are bushels per acre based on the variables of tree age and density. To determine the transitional yield, tree age and density (based on the original planting) must be known. When the orchard contains only one grouping based on tree age and density and the percent stand is ninety or greater, the transitional yield may be obtained from the table.

Similar steps must be repeated for each applicable tree age and density grouping based on the various blocks present in the orchard. As necessary, the weighted average transitional yield is calculated by taking the appropriate "T" yield(s) from the table and multiplying the value(s) by the associated acres. The weighted average "T" yield is the total of these extensions divided by the total number of acres. This value is the transitional yield.

The bushels per acre value contained in the table (above) is based on a tree stand of 90 percent or greater of the original planting. For any percent stand value less than 90 percent, first factor the transitional yield by the percent stand and then factor that result by standard APH rules. Please refer to procedure for calculating the transitional yield.

<u>TREE AGE</u>: Number of growing seasons attained after being set out or grafted prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.

MICHIGAN (26)
BLUEBERRIES (0012)

Age of Bush: **Less than the fifth complete growing season after establishment or transplant (being set out in the plantation) prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months:**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (Pounds)
139	Ottawa	002 003	002 003	2090 1745
159	Van Buren	002 003	002 003	2090 1745

Age of Bush: **Fifth growing season or older after establishment or transplant (being set out in the plantation) prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months:**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (Pounds)
139	Ottawa	002 003	002 003	2790 2440
159	Van Buren	002 003	002 003	2790 2440

Minimum production insurability requirements are applicable. Please refer to the Special Provisions of Insurance document.

The pounds per acre value contained in the table is based on a blueberry bush stand of 90 percent or greater of the original planting. For any percent stand value less than 90 percent, please refer to procedure for calculating the transitional yield.

MICHIGAN (26)
GRAPES (0053)

Age of Vine: **Less than the eighth complete growing season after being set out prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (Tons)
021	Berrien	161 261	997 997	2.4 2.4
027	Cass	161 261	997 997	2.4 2.4
077	Kalamazoo	161 261	997 997	2.4 2.4
159	Van Buren	161 261	997 997	2.4 2.4

Age of Vine: **Eighth growing season or older after being set out prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (Tons)
021	Berrien	161 261	997 997	3.4 3.4
027	Cass	161 261	997 997	3.4 3.4
077	Kalamazoo	161 261	997 997	3.4 3.4
159	Van Buren	161 261	997 997	3.4 3.4

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MICHIGAN (26)
PEACHES (0034)

REFER TO TABLE NEXT PAGE FOR -TRANSITIONAL YIELD DETERMINATION

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE
005	Allegan	101 101 102 102	002 003 002 003
021	Berrien	101 101 102 102	002 003 002 003
081	Kent	101 101 102 102	002 003 002 003
101	Manistee	101 101 102 102	002 003 002 003
105	Mason	101 101 102 102	002 003 002 003
121	Muskegon	101 101 102 102	002 003 002 003
127	Oceana	101 101 102 102	002 003 002 003
139	Ottawa	101 101 102 102	002 003 002 003
159	Van Buren	101 101 102 102	002 003 002 003

MICHIGAN (26)--PEACHES (0034) (Continued)

TRANSITIONAL YIELD DETERMINATION

TREE AGE IN YEARS	DENSITY (TREES PER ACRE)			
	< 100	100 - 149	150 - 199	> 199
	TRANSITIONAL YIELD----------(bushels)			
Less than 5 years	16	19	23	27
5 years	41	50	59	68
6-7 years	64	73	82	90
8-11 years	77	86	95	100
More than 11 years	70	80	90	100

Values presented are bushels per acre based on the variables of tree age and density. To determine the transitional yield, tree age and density (based on the original planting) must be known to select the proper bushels per acre value. When the orchard contains only one grouping based on tree age and density and the percent stand is ninety or greater, the transitional yield may be obtained from the table and used according to procedure.

Similar steps must be repeated for each applicable tree age and density grouping based on the various blocks present in the orchard. As necessary, the weighted average transitional yield is calculated by taking the appropriate "T" yield(s) from the table and multiplying the value(s) by the associated acres. The weighted average "T" yield is the total of these extensions divided by the total number of acres. This value is the transitional yield and used according to procedure. Please refer to procedure for examples addressing weighted average transitional yields.

The bushels per acre value contained in the table is based on a tree stand of 90 percent or greater of the original planting. For any percent stand value less than 90 percent, please refer to procedure for calculating the transitional yield.

TREE AGE: Number of growing seasons attained after being set out or grafted prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.

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OHIO (39)--APPLES (0054)

REFER TO TABLE NEXT PAGE FOR -TRANSITIONAL YIELD DETERMINATION

CO. CODE	COUNTY NAME	TYPE	PRACTICE
007	Ashtabula	111 112	997 997
029	Columbiana	111 112	997 997
043	Erie	111 112	997 997
045	Fairfield	111 112	997 997
051	Fulton	111 112	997 997
079	Jackson	111 112	997 997
089	Licking	111 112	997 997
093	Lorain	111 112	997 997
095	Lucas	111 112	997 997
099	Mahoning	111 112	997 997
123	Ottawa	111 112	997 997
141	Ross	111 112	997 997
143	Sandusky	111 112	997 997
145	Scioto	111 112	997 997
151	Stark	111 112	997 997

OHIO (39)
APPLES (0054)(continued)

	TREE AGE							
	1-3	4	5	6	7	8	9	10+
DENSITY (trees per acre)	TRANSITIONAL YIELD (bushels)							
<150	*	*	*	*	150	175	205	240
150-300	*	*	*	150	175	205	240	240
301-500	*	*	150	175	205	240	240	240
501+	*	150	175	205	240	240	240	240

*** = Uninsurable unless a 150 bu/acre minimum by block is verifiable via production records.**

Values shown are bushels per acre based on the variables of tree age and density. To determine the transitional yield, tree age and density (based on the original planting) must be known. When the orchard contains only one grouping based on tree age and density and the percent stand is ninety or greater, the transitional yield may be obtained from the table.

Similar steps must be repeated for each applicable tree age and density grouping based on the various blocks present in the orchard. As necessary, the weighted average transitional yield is calculated by taking the appropriate "T" yield(s) from the table and multiplying the value(s) by the associated acres. The weighted average "T" yield is the total of these extensions divided by the total number of acres. This value is the transitional yield.

The bushels per acre value contained in the table is based on a tree stand of 90 percent or greater of the original planting. For any percent stand value less than 90 percent, first factor the transitional yield by the percent stand and then factor that result by standard APH rules. Please refer to procedure for calculating the transitional yield.

<u>TREE AGE</u>: Number of growing seasons attained after being set out or grafted prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.

OHIO (39)
GRAPES (0053)

Age of Vine: **Less than the eighth complete growing season after being set out prior to the crop year for which insurance will attach. The growing season is a cycle of twelve (12) months.**

CO. CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (tons)
007	Ashtabula	161 261	997 997	2.4 2.4
085	Lake	161 261	997 997	2.4 2.4
093	Lorain	161 261	997 997	2.4 2.4

Age of Vine: **Eighth growing season or older after being set out prior to the crop year for which insurance will attach. The growing season is a cycle of twelve months.**

CO. CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (tons)
007	Ashtabula	161 261	997 997	3.4 3.4
085	Lake	161 261	997 997	3.4 3.4
093	Lorain	161 261	997 997	3.4 3.4

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WISCONSIN (55)
APPLES (0054)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
007	Bayfield	111	002	200
		111	003	200
		112	002	200
		112	003	200
009	Brown	111	002	200
		111	003	200
		112	002	200
		112	003	200
017	Chippewa	111	002	200
		111	003	200
		112	002	200
		112	003	200
023	Crawford	111	002	200
		111	003	200
		112	002	200
		112	003	200
025	Dane	111	002	200
		111	003	200
		112	002	200
		112	003	200
029	Door	111	002	200
		111	003	200
		112	002	200
		112	003	200
035	Eau Claire	111	002	200
		111	003	200
		112	002	200
		112	003	200

WISCONSIN (55)
APPLES (0054)--continued

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
089	Ozaukee	111	002	200
		111	003	200
		112	002	200
		112	003	200
103	Richland	111	002	200
		111	003	200
		112	002	200
		112	003	200
105	Rock	111	002	200
		111	003	200
		112	002	200
		112	003	200
111	Sauk	111	002	200
		111	003	200
		112	002	200
		112	003	200
121	Trempealeau	111	002	200
		111	003	200
		112	002	200
		112	003	200
131	Washington	111	002	200
		111	003	200
		112	002	200
		112	003	200
133	Waukesha	111	002	200
		111	003	200
		112	002	200
		112	003	200

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WISCONSIN (55)
CRANBERRIES (0058)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (barrels)
001	Adams	997	997	145
019	Clark	997	997	145
031	Douglas	997	997	145
035	Eau Claire	997	997	145
053	Jackson	997	997	145
057	Juneau	997	997	145
069	Lincoln	997	997	145
081	Monroe	997	997	145
085	Oneida	997	997	145
097	Portage	997	997	145
099	Price	997	997	145
113	Sawyer	997	997	145
125	Vilas	997	997	145
129	Washburn	997	997	145
141	Wood	997	997	145

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2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COLORADO (08)
APPLES (0054)-Page 1 of 3

*** Refer to the table following this page for transitional yield determination.**

COUNTY CODE	NAME	TYPE	PRACTICE
029	Delta	111	002
		112	002
077	Mesa	111	002
		112	002
085	Montrose	111	002
		112	002

COLORADO (08)
APPLES (0054)-Page 2 of 3
TRANSITIONAL YIELD DETERMINATION

LEAF YEAR	DENSITY (trees per acre)				
	48 to 108	109 to 151	152 to 299	300 to 599	600 PLUS
	TRANSITIONAL YIELD (bushels)				
5 & Less	NA	NA	NA	200	225
6	200	200	200	335	350
7	200	200	225	425	475
8	200	243	255	485	590
9	226	266	295	520	695
10	240	297	345	535	700
11	267	322	380	555	700
12	277	346	410	575	700
13	287	367	445	600	700
14	292	381	470	600	700
15	297	395	500	600	700
16 & OLDER	300	400	500	600	700

Acreage and/or blocks with less than a 90 percent live bearing trees, based upon the planting pattern, must be adjusted. Interplanted acreage must be adjusted based upon the current planting pattern, with adjustments based upon the percent stand by leaf-year.

For Delta County (029) FCI-33 or FCI-33 Supplement Areas C, G, H; and Mesa County (077) Areas C and D, the Maximum Transitional Yield for 109 to 151 Trees Per Acre is 300; for 152 to 299 Trees Per Acre is 400. (continued next page)

COLORADO (08)
APPLES (0054)-Page 3 of 3

TRANSITIONAL YIELD DETERMINATION

For Delta County (029) FCI-33 or FCI-32 Areas I, J, K; Mesa County (077) Areas E and G; and Montrose County (085) Area C, the Maximum Transitional Yield is 225.

Example: A 1.0 acre block with 56 live bearing trees, planted in 37th leaf-year planted 25 feet between trees and 25 feet between rows.

The transitional yield is 240.

1.0 acre = 43,560 sq. ft.
25' x 25' = 625 sq. ft.
43,560/625 = 70 trees per acre
56/70 = 80% stand

300 bu/ac from the table x .80 = 240 bushel transitional yield

If the acreage was located in Delta County (029) Area K, the Transitional Yield would be 225.

If this acreage was interplanted with another perennial crop and insurable with every other tree, for example, pears, the planting pattern would now be considered to be 12.5 feet between trees and 25 feet between rows, or if the pears were between rows throughout the block it would be 25 feet between trees and 12.5 feet between rows. Even if there were a higher percent of apple trees, adjustments in the transitional yield are required. For example purposes, assume there are 65 trees:

1.0 acre = 43,560 sq. ft.
12.5' x 25' = 313 sq. ft.
25' x 12.5' = 313 sq. ft.
43,560/313 = 139 trees per acre
65/139 = 47% stand
600 bu/ac from the table x .47 = 282 bushel transitional yield

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COLORADO (08)
GRAPES (0053)

CO. CODE	COUNTY NAME	TYPE	PRACTICE	LEAF YEAR	T-YIELD (TONS)
077	Mesa	ALL	002	3RD GRAFTED 4TH	2.0
077	Mesa	ALL	002	4TH GRAFTED 5TH OLDER	2.5

Leaf-Year is defined as the Growing Season. Grape acreage is insurable the fourth growing season after being set out or the third growing season after being grafted and meeting the production minimum of 2.0 ton per acre.

<u>Example</u>:
Acreage planted in the spring or fall of the same growing season will be in the 4th leaf-year for the current crop year. Acreage grafted in the summer or growing season will be in the 3rd growing season for the current crop year. If this acreage produced 2.0 tons per acre or above for the prior crop year, a transitional yield of 2.0 may be used in the APH data base according to standard RMA approved procedures (variable Transitional Yield, etc.).

If this is a block with separate production for each year producing the production minimum for the first time in the prior year and the producer has provided two or more years of records on the unit, the transitional yield of 2.0 would be substituted for the three missing years. For the following year a transitional yield of 2.5 will be applicable for the missing two years with the producer actual production for the most recent two years, provided the producer maintains and provides separate production and acreage information timely. For the following year, a transitional yield of 2.5 will be applicable for only the one remaining missing year. In the fourth year of insurability, the producers actual production for the prior four years will be used. This four-year average continues to build to a ten-year average.

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COLORADO (08)
PEACHES (0034) --Page 1 of 9

*** Refer to the table following this page for transitional yield determination.**

COUNTY CODE	NAME	TYPE	PRACTICE
029	Delta	101	002
		102	002
077	Mesa	101	002
		102	002
085	Montrose	101	002
		102	002

COLORADO (08) PEACHES (0034)-Page 2 of 9

Bearing trees in the 4th leaf-year and older with a pruned height of 4 to 5 feet, use .24 bu/tree. Smaller and/or younger trees use zero. Varieties that ripen earlier than Redhaven are considered early and after Elberta are late. If type is not accurately shown on the producer's pre-acceptance worksheet use the factors for Early type.

175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
4	Early	.27	.32	.32
	Mid	.48	.53	.53
	Late	.57	.64	.64
5	Early	.30	.34	.37
	Mid	.53	.57	.61
	Late	.65	.69	.74
6	Early	.32	.36	.46
	Mid	.55	.60	.69
	Late	.65	.72	.79
7	Early	.33	.40	.50
	Mid	.56	.70	.85
	Late	.66	.75	.95
8	Early	.34	.45	.55
	Mid	.58	.75	.95
	Late	.68	.80	1.10
9	Early	.37	.47	.60
	Mid	.60	.75	.97
	Late	.66	.85	1.15
10	Early	.36	.48	.64
	Mid	.62	.78	1.00
	Late	.71	.88	1.18
11	Early	.34	.46	.60
	Mid	.60	.76	.97
	Late	.70	.85	1.08

COLORADO (08)
PEACHES (0034)-Page 3 of 9

175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
12	Early	.33	.43	.57
	Mid	.55	.70	.91
	Late	.65	.83	1.01
13	Early	.28	.38	.54
	Mid	.50	.65	.90
	Late	.60	.70	.99
14	Early	.26	.36	.51
	Mid	.47	.60	.83
	Late	.56	.67	.92
15	Early	.24	.30	.48
	Mid	.44	.50	.79
	Late	.52	.60	.87
16-20	Early	.20	.24	.36
	Mid	.35	.40	.59
	Late	.42	.48	.65
21 OLDER	Early	.16	.20	.26
	Mid	.28	.35	.44
	Late	.34	.42	.48

The above table factors are per tree based upon 210 trees per acre. For density of 175 or greater trees per acre, other than 210 trees per acre, THESE FACTORS MUST BE ADJUSTED. Acreage and/or blocks with less than 90 percent live bearing trees must also be adjusted. Interplanted acreage must be adjusted based upon the current planting pattern, with adjustments based upon the percent stand by leaf year. This is determined by comparing the live bearing trees to the planting pattern for the acreage and/or blocks. Interplanted trees must have reached at least the 4th leaf-year, to be considered bearing trees. (See Examples next page).

COLORADO (08)
PEACHES (0034)-Page 4 of 9

(175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND)

TRANSITIONAL YIELD EXAMPLES

Example A: A 1.0 acre block with 204 live bearing Sunhaven (Early) trees, all planted in the spring and determined to be in their 7th leaf-year for the insured year, that are pruned to seven feet, and are planted 12 feet between trees and 18 feet between rows. The transitional yield will be 86.

1.0 acre = 43,560 sq. ft.
204 Sunhaven trees planted on 1.0 acre
12' x 18' = 216 sq. ft.
43,560/216 = 202 trees per acre
204 trees reported exceed 100% no adjustment required.
210/202 = 1.04 density factor

204 Sunhaven trees in their 7th leaf-year
.40 factor from table x 1.04 = .42
.42 x 204 Sunhaven trees on 1.0 acre = 86 bushel transitional yield.

Example B: A producer reports he/she has 300 Glohaven (Mid) trees, and 120 Sunhaven (Early). The Glohavens were determined to be in the 16th leaf-year with 12' X 14' spacing and are pruned at 8 feet. The Sunhaven were planted 14' x 16' are in their 21st leaf-year and are pruned at 9 feet. It is determined that the Glohavens are on 1.2 acres and the Sunhaven block is .8 acres.

The weighted average transitional yield will be 85.

1.0 acre = 43,560 sq. ft.

300 Glohaven block planted 12' X 14' on 1.2 acres
12' x 14' = 168 sq. ft.
43,560/168 = 259 trees per acre
210/259 = .81 density factor

259 trees per acre x 1.2 acres = 311 trees
311 X .90 = 280 live bearing trees is 90% stand
Trees were determined to be in the 16th leaf-year for the insured year.
.59 from above table x .81 density factor = .48
.48 x 300 Glohaven trees on 1.2 acres = 144 (see next page-continued)

COLORADO (08)
PEACHES (0034) -Page 5 of 9

(175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND)

TRANSITIONAL YIELD EXAMPLES

Example B (continued):

120 Sunhaven trees planted 14' X 16' on 0.8 acre
14' x 16' = 224 sq. ft.
43,560/224 = 194 trees per acre
210/194 = 1.08 density factor

194 trees per acre x .8 acres = 155 trees
120/155 = .77 stand factor

1.08 density factor x .77 (adjustment less 90% stand) = .83
120 Sunhaven trees will reach the 21st leaf-year for the insured year
.26 from above table x .83 density factor adjusted for % stand = .22
.22 x 120 Sunhaven trees = 26

144 bushel transitional yield Glohaven on 1.2 acre block + 26 bushel transitional yield Sunhaven on 0.8 acre block = 170/2.0=85 bushel weighted average transitional yield.

COLORADO (08) PEACHES (0034)- Page 6 of 9

Bearing trees in the 4th leaf-year and older with a pruned height of 4 to 5 feet, use .18 bu/tree. Smaller and/or younger trees use zero. Varieties that ripen earlier than Redhaven are considered early and after Elberta are late. If type is not accurately shown on the producer's pre-acceptance worksheet use the factors for Early type.

174 TREES PER ACRE AND BELOW, 90 TO 100 PERCENT STAND

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
4	Early	.25	.37	.44
	Mid	.45	.56	.63
	Late	.50	.69	.73
5	Early	.27	.45	.55
	Mid	.50	.64	.70
	Late	.60	.75	.86
6	Early	.30	.50	.70
	Mid	.60	.75	.90
	Late	.70	.85	1.00
7	Early	.35	.55	.75
	Mid	.68	.86	1.00
	Late	.80	.99	1.15
8	Early	.40	.68	.85
	Mid	.78	1.00	1.20
	Late	.93	1.15	1.30
9	Early	.44	.69	.87
	Mid	.79	1.01	1.22
	Late	.93	1.16	1.32
10	Early	.44	.71	.90
	Mid	.80	1.16	1.22
	Late	.95	1.18	1.32
11	Early	.37	.64	.84
	Mid	.80	.96	1.17
	Late	.90	1.00	1.25

COLORADO (08)--PEACHES (0034)-Page 7 of 9

174 TREES PER ACRE AND BELOW, 90 TO 100 PERCENT STAND*(see next page).

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
12	Early	.35	.55	.80
	Mid	.75	.88	1.08
	Late	.85	1.00	1.20
13	Early	.34	.52	.75
	Mid	.70	.85	1.07
	Late	.80	.95	1.17
14	Early	.33	.47	.72
	Mid	.65	.82	1.03
	Late	.75	.90	1.15
15	Early	.32	.45	.70
	Mid	.60	.79	1.00
	Late	.70	.88	1.11
16	Early	.31	.42	.67
	Mid	.55	.75	.95
	Late	.65	.85	1.06
17	Early	.30	.39	.60
	Mid	.50	.70	.85
	Late	.60	.78	.95
18	Early	.29	.36	.55
	Mid	.45	.65	.80
	Late	.55	.70	.90
19	Early	.28	.31	.50
	Mid	.40	.55	.70
	Late	.50	.60	.80
20	Early	.27	.28	.45
	Mid	.35	.50	.60
	Late	.45	.55	.70
21 OLDER	Early	.20	.25	.35
	Mid	.30	.35	.45
	Late	.35	.40	.50

COLORADO (08)
PEACHES (0034)-Page 8 of 9

(174 TREES PER ACRE AND BELOW, 90 TO 100 PERCENT STAND)

***The above table factors are per tree based upon 109 trees per acre or 20 feet by 20 feet spacing. For density up to 174 trees per acre and with less than 98 trees per acre these factors must be adjusted. Acreage and/or blocks with less than 90 percent live bearing trees must also be adjusted. Interplanted acreage must be adjusted based upon the current planting pattern, with adjustments based upon the percent stand by leaf-year. This is determined by comparing the live bearing trees to the planting pattern for the acreage and/or blocks. Interplanted trees must have reached at least the 4th leaf-year, to be considered bearing trees (See Examples).**

TRANSITIONAL YIELD EXAMPLES

Example 1: A 1.0 acre block with 87 Glohaven (Mid) trees, all planted in the spring and will reach the 7th leaf-year for the insured year, are pruned to eight feet, and are planted 20 feet between trees and 20 feet between rows. The transitional yield will be 60.

1.0 acre = 43,560 sq. ft.
87 Glohaven planted on 1.0 acres
20' x 20' = 400 sq. ft.
43,560/400 = 109 trees per acre
109 x .90 = 98 trees per acre based upon 90% stand
87/109 = .80 stand factor

87 Glohaven will reach the 7th leaf-year in the insured year
.86 from above table x .80 stand factor = .69
.69 x 87 Glohaven trees on 1.0 acres = 60 bushel transitional yield.

Example 2: A 1.5 acre block with 100 Glohaven (Mid) trees, and 225 Sunhaven (Early) and Earliglo (Early). The Glohavens were planted with 20' X 20' spacing, will reach their 25th leaf-year for the insured year and are pruned at 11 feet. The Sunhaven and Earliglo were planted as replacement trees and as interplants. Two trees were planted in the space previously occupied by one.
(see next page -continued).

COLORADO (08)
PEACHES (0034) - Page 9 of 9

(174 TREES PER ACRE AND BELOW, 90 TO 100 PERCENT STAND)-Example 2: (continued)

The replacement started in seven years prior to the present insured crop year. Fifty-five Sunhaven trees were planted in the first year and forty-five Earliglo in second year and twenty every year after. The first trees were allowed to produce for the first time in the prior crop year, while the second trees interplanted will be allowed to produce in the current insured year. The first year interplanted trees will be pruned at 6 to 7 feet and the second year interplanted trees at 5 feet.

The weighted average transitional yield will be 31.

1.0 acre = 43,560 sq. ft.
Based upon interplanting spacing is 13.3' x 20' = 266 sq. ft.
43,560/266 = 164 trees per acre
109/164 = .66 density factor

164 x 1.5 acres = 246 trees
246 X .90 = 221 live bearing trees is 90% stand
100 Glohaven + 55 Sunhaven + 45 Earliglo = 195 live bearing trees in the insured year.
195/246 = .79 stand factor

.66 x .79 = .52 density factor adjusted for less 90% stand.
100 Glohaven trees planted will reach the 25th leaf-year in the insured year.
.45 from above table x .52 density factor adjusted for % stand = .23
.23 x 100 Glohaven trees = 23

55 Sunhaven trees interplanted will reach their 7th leaf-year in the insured year.
.55 from above table x .52 = .29
.29 x 55 Sunhaven trees = 16

45 Earliglo trees planted in the second year will reach their 6th leaf-year
.30 from above table x .52 = .16
.16 x 45 Earliglo trees = 7

20 Earliglo trees planted in the following four years are considered non-bearing since the producer will not allow them to produce for the current insured year. The trees planted the third and fourth year have reached the policy age minimum of 4th leaf-year but will have a transitional yield of zero.

23 yield Glohaven + 16 yield Sunhaven + 7 yield Earliglo = 46/1.5 = 31 bushel weighted average transitional yield.

MISSOURI (29)
APPLES (0054)-Page 1 of 3

***Refer to the Table following this page for Transitional Yield Determinations**

CODE	COUNTY NAME	TYPE	PRACTICE
003	Andrew	111	997
		112	997
009	Barry	111	997
		112	997
031	Cape Girardeau	111	997
		112	997
053	Cooper	111	997
		112	997
089	Howard	111	997
		112	997
095	Jackson	111	997
		112	997
107	Lafayette	111	997
		112	997
109	Lawrence	111	997
		112	997
195	Saline	111	997
		112	997

MISSOURI (29)
APPLES (0054)-Page 2 of 3

LEAF YEAR	48 to 108	TREES 109 to 151	PER 152 to 299	ACRE 300 to 599	600 PLUS
	TRANSITIONAL YIELD (bushels)				
5 & Less	NA	NA	NA	150	170
6	150	150	150	250	250
7	150	150	170	320	350
8	150	180	190	365	450
9	170	200	220	390	500
10	180	225	260	400	525
11	200	240	285	415	525
12	205	260	310	430	525
13	210	275	335	450	525
14	215	285	350	450	525
15	220	290	375	450	525
16 OLDER	225	300	375	450	525

Acreage and/or blocks with less than a 90 percent live bearing trees, based upon the planting pattern, must be adjusted. Interplanted acreage must be adjusted based upon the current planting pattern, with adjustments based upon the percent stand by leaf-year.

MISSOURI
APPLES (0054) -Page 3 of 3

Example: A 1.0 acre block with 56 live bearing trees, were planted 25 feet between trees and 25 feet between rows and have been determined to be in their 37th leaf-year.

The transitional yield will be 180:

1.0 acre = 43,560 sq. ft.
25' x 25' = 625 sq. ft.
43,560/625 = 70 trees per acre
56/70 = 80% stand
Trees will reach the 37th leaf-year in the insured year.
225 bu/ac from the table x .80 = 180 bushel transitional yield.

If this acreage was interplanted with another perennial crop and insurable with every other tree, for example, pears, the planting pattern would now be considered to be 12.5 feet between trees and 25 feet between rows, or if the pears were between rows throughout the block it would be 25 feet between trees and 12.5 feet between rows. Even if there were a higher percent of apple trees, adjustments in the transitional yield are required. For example purposes, assume there are 65 trees.

1.0 acre = 43,560 sq. ft.
12.5' x 25' = 313 sq. ft.
25' x 12.5' = 313 sq. ft.
43,560/313 = 139 trees per acre
65/139 = 47% stand
600 bu/ac from the table x .47 = 282 bushel transitional yield.

If the producer also had a .5 acre block that produced the 150 bu/ac minimum with 50 live bearing trees planted in 20' X 20'that will be in their 10th leaf-year.

The weighted average transitional yield will be 187.

20' x 20' = 400 sq. ft.
43,560/400 = 109 trees per acre
51/55 = 93% stand

Trees planted were determined to be in their 11th leaf year in the insured year.
200 bu/ac from the table x .5 acres = 100 + 180 = 280/1.5 acres =
187 bushel weighted average transitional yield.

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

MISSOURI (29)
GRAPES (0053)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (TONS)
161	Phelps	ALL	997	2.0

MISSOURI (29)
PEACHES (0034)-Page 1 of 9

*** Refer to the table following this page for Transitional Yield Determination.**

CO. CODE	COUNTY NAME	TYPE	PRACTICE
069	Dunklin	101	997
		102	997
207	Stoddard	101	997
		102	997

MISSOURI (29)-PEACHES (0034)-Page 2 of 9

Bearing trees in the 4th leaf-year and older with a pruned height of 4 to 5 feet, use .24 bu/tree. Smaller and/or younger trees use zero. Varieties that ripen earlier than Redhaven are considered early and after Elbert are late. If type is not accurately shown on the producer's pre-acceptance worksheet use the factors for Early type.

175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
4	Early	.22	.30	.32
	Mid	.42	.50	.53
	Late	.50	.60	.64
5	Early	.30	.34	.37
	Mid	.53	.57	.61
	Late	.65	.69	.74
6	Early	.32	.36	.46
	Mid	.55	.60	.69
	Late	.65	.72	.79
7	Early	.33	.40	.50
	Mid	.56	.70	.85
	Late	.66	.75	.95
8	Early	.34	.45	.55
	Mid	.58	.75	.95
	Late	.68	.80	1.10
9	Early	.37	.47	.60
	Mid	.60	.75	.97
	Late	.66	.85	1.15
10	Early	.33	.43	.57
	Mid	.55	.70	.91
	Late	.65	.83	1.01
11	Early	.28	.38	.54
	Mid	.50	.65	.90
	Late	.60	.70	.99

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175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
12	Early	.26	.36	.51
	Mid	.47	.60	.83
	Late	.56	.67	.92
13	Early	.24	.30	.48
	Mid	.44	.50	.79
	Late	.52	.60	.87
14	Early	.20	.24	.36
	Mid	.35	.40	.59
	Late	.42	.48	.65
15	Early	.16	.20	.26
	Mid	.28	.35	.44
	Late	.34	.42	.48
16 OLDER	Early	.13	.16	.21
	Mid	.22	.28	.35
	Late	.27	.34	.38

The above table factors are per tree based upon 210 trees per acre. For density of 175 or greater trees per acre, other than 210 trees per acre, these factors must be adjusted. Acreage and/or blocks with less than 90 percent live bearing trees must also be adjusted. Interplanted acreage must be adjusted based upon the current planting pattern, with adjustments based upon the percent stand by leaf-year. Adjustments are made based upon the spacing and percent stand. This is determined by comparing the live bearing trees to the planting pattern for the acreage and/or blocks. Interplanted trees must have reached at least the 4th leaf-year, to be considered bearing trees (See Examples).

MISSOURI (29) - Page 4 of 9
PEACHES (0034)

(175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND)

TRANSITIONAL YIELD EXAMPLES:

Example A: A 1.0 acre block with 204 live bearing Sunhaven (Early) trees, that are pruned to 7 feet, and were planted 12 feet between trees and 18 feet between rows and determined to be in their 7th leaf-year for the insured year.

The transitional yield will be 86.

1.0 acre = 43,560 sq. ft.
204 Sunhaven trees planted on 1.0 acre
12' x 18' = 216 sq. ft.
43,560/216 = 202 trees per acre
204 trees reported exceed 100% no adjustment required.
210/202 = 1.04 density factor

204 Sunhaven trees will reach the 7th leaf-year.
.40 factor from table x 1.04 = .42
.42 x 204 Sunhaven trees on 1.0 acre = 86 bushel transitional yield.

Example B: A producer reports he/she has 300 Glohaven (Mid) trees, and 120 Sunhaven (Early). The Glohavens were planted with 12' X 14' spacing and are pruned at 9 feet and will be in their 15st leaf year. The Sunhaven were planted 14' x 16' are pruned at 11 feet and will be in their 21st leaf-year. It is determined that the Glohavens are on 1.2 acres and the Sunhaven block is .8 acres.

The weighted average transitional yield will be 52.

1.0 acre = 43,560 sq. ft.
300 Glohaven block planted 12' X 14' on 1.2 acres
12' x 14' = 168 sq. ft.
43,560/168 = 259 trees per acre
210/259 = .81 density factor

(see next page-continued)

MISSOURI (29) - Page 5 of 9
PEACHES (0034)

(175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND)

Example B: (continued)

259 trees per acre x 1.2 acres = 311 trees
311 X .90 = 280 live bearing trees is 90% stand
Trees will reach the 16th leaf-year in the insured year.
.35 from above table x .81 density factor = .28
.28 x 300 Glohaven trees = 84

120 Sunhaven trees planted 14' X 16' on 0.8 acre
14' x 16' = 224 sq. ft.
43,560/224 = 194 trees per acre
210/194 = 1.08 density factor

194 trees per acre x .8 acres = 155 trees
120/155 = .77 stand factor

1.08 density factor x .77 (adjustment less 90% stand) = .83
120 Sunhaven trees will reach the 21st leaf-year in the insured year.
.21 from above table x .83 density factor adjusted for % stand = .17
.17 x 120 Sunhaven trees = 20

84 Glohaven on 1.2 acre + 20 Sunhaven on 0.8 acre block =
104/2.0 = 52 bushel weighted average transitional yield.

MISSOURI (29) PEACHES (0034)--Page 6 of 9

Bearing trees in the 4th leaf-year and older with a pruned height of 4 to 5 feet, use .18 bu/tree. Smaller and/or younger trees use zero. Varieties that ripen earlier than Red haven are considered early and after Elbert are late. If type is not accurately shown on the producer's pre-acceptance worksheet use the factors for Early type.

174 AND BELOW TREES PER ACRE, 90 TO 100 PERCENT STAND

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
4	Early	.25	.37	.44
	Mid	.45	.56	.63
	Late	.51	.69	.73
5	Early	.28	.39	.49
	Mid	.55	.60	.68
	Late	.67	.72	.83
6	Early	.33	.45	.55
	Mid	.59	.73	.85
	Late	.70	.83	.95
7	Early	.35	.47	.65
	Mid	.65	.82	.96
	Late	.80	.94	1.07
8	Early	.38	.68	.75
	Mid	.78	.97	1.10
	Late	.92	1.10	1.23
9	Early	.40	.68	.78
	Mid	.78	1.05	1.12
	Late	.93	1.13	1.25
10	Early	.37	.65	.75
	Mid	.77	1.00	1.05
	Late	.91	1.11	1.15
11	Early	.36	.64	.73
	Mid	.75	.96	1.03
	Late	.90	1.07	1.13

MISSOURI (29) -PEACHES (0034)- Page 7 of 9

175 AND ABOVE TREES PER ACRE, 90 TO 100 PERCENT STAND

LEAF YEAR	Maturity Season	PRUNED 5' TO 6'	HEIGHT >6'TO 8'	IN FEET > 8' ABOVE
		TRANSITIONAL YIELD FACTOR PER TREE		
12	Early	.35	.54	.70
	Mid	.70	.94	.97
	Late	.85	.99	1.06
13	Early	.34	.51	.66
	Mid	.65	.85	.95
	Late	.80	.95	1.04
14	Early	.33	.45	.61
	Mid	.60	.82	.92
	Late	.70	.92	1.03
15	Early	.30	.41	.54
	Mid	.55	.77	.88
	Late	.65	.90	1.00
16-20	Early	.24	.33	.43
	Mid	.44	.62	.70
	Late	.60	.72	.80
21 OLDER	Early	.19	.26	.34
	Mid	.35	.50	.56
	Late	.48	.58	.64

The above table(s) factors are per tree based upon 109 trees per acre or 20 feet by 20 feet spacing. For density up to 174 trees per acre and with less than 98 trees per acre these factors must be adjusted. Acreage and/or blocks with less than 90 percent live bearing trees must also be adjusted. Interplanted acreage must be adjusted based upon the current planting pattern, with adjustments based upon the percent stand by leaf-year. This is determined by comparing the live bearing trees to the planting pattern for the acreage and/or blocks. Interplanted trees must have reached at least the 4th leaf-year, to be considered bearing trees (See Examples).

MISSOURI (29) Page 8 of 9
PEACHES (0034)

TRANSITIONAL YIELD EXAMPLES

Example 1: A 1.0 acre block with 87 Glohaven (Mid) trees, that are pruned to eight feet, and are planted 20 feet between rows, and determined to be in their 7th leaf-year. The transitional yield will be 57.

1.0 acre = 43,560 sq. ft.
87 Glohaven planted on 1.0 acres
20' x 20' = 400 sq. ft.
43,560/400 = 109 trees per acre
109 x .90 = 98 trees per acre based upon 90% stand
87/109 = .80 stand factor

87 Glohaven will reach the 7th leaf-year.
.82 from above table x .80 stand factor = .66
.66 x 87 Glohaven trees on 1.0 acres = 57 bushel transitional yield.

Example 2: A 1.5 acre block with 100 Glohaven (Mid) trees, and 225 Sunhaven (Early) and Earliglo (Early). The Glohavens were 20' X 20' spacing, are pruned at 11 feet and will be in their 25th leaf-year. The Sunhaven and Earliglo were planted as replacement trees and as interplants. Two trees were planted in the space previously occupied by one. The replacement started 7 years prior to the insured crop year. Fifty-five Sunhaven trees were planted in the first year and forty-five Earliglo in the second year and twenty every year after. The first trees interplanted were allowed to produce for the first time in the prior year, while the second interplanted trees will be allowed to produce in the coming insured year. The first interplanted trees will be pruned at 6 to 7 feet and the second at 5 feet.

The weighted average transitional yield will be 33.

1.0 acre = 43,560 sq. ft.
Based upon interplanting spacing is 13.3' x 20' = 266 sq. ft.
43,560/266 = 164 trees per acre
109/164 = .66 density factor

164 x 1.5 acres = 246 trees;
246 X .90 = 221 live bearing trees is 90% stand
100 Glohaven + 55 Sunhaven + 45 Earliglo = 195 live bearing trees in the insured year
195/246 = .79 stand factor

(see next page)--continued

MISSOURI (29)- Page 9 of 9
PEACHES (0034)

(174 TREES PER ACRE AND BELOW, 90 TO 100 PERCENT STAND)
TRANSITIONAL YIELD EXAMPLES
Example 2: (continued)

.66 x .79 = .52 density factor adjusted for less 90% stand.
100 Glohaven trees will reach the 25th leaf-year in the insured year.
.56 from above table x .52 density factor adjusted for % stand = .29
.29 x 100 Glohaven trees = 29

55 Sunhaven trees planted in the first interplanting will reach the 7th leaf-year.
.47 from above table x .52 = .24
.24 x 55 Sunhaven trees = 13

45 Earliglo trees interplanted the second year will reach their 6th leaf-year.
.33 from above table x .52 = .17
.17 x 45 Earliglo trees = 8

20 Earliglo trees planted in the third and following years are considered non-bearing since the producer will not allow them to produce for the upcoming insured year. The trees interplanted in the third and fourth years have reached the policy age minimum of 4th leaf-year but will have a transitional yield of zero.

29 yield Glohaven + 13 yield Sunhaven + 8 yield Earliglo = 50/1.5 =

33 bushel weighted average transitional yield.

VALDOSTA RO

PERENNIAL CROP ACREAGE TOLERANCES

FLORIDA CITRUS-- ONLY

If the total insured citrus crop (Note: Each type is a different crop. Citrus I and Citrus II are different crops) acreage in the county is 250 Acres or more, an Insurance Provider grove inspector must complete a Florida Citrus Grove Producer Pre-Acceptance or Inspection Worksheet and Plat Map Form, FCI-518 (Citrus), otherwise, the producer may "self-certify" on the Worksheet (See Crop Insurance Handbook-FCIC 18010 for further instruction).

Florida (12)	Type/Crop Code	Acreage Tolerance*
	Citrus I (0245)	250 acres
	Citrus II (0246)	250 acres
	Citrus III (0247)	250 acres
	Citrus IV(0248)	250 acres
	Citrus V (0249)	250 acres
	Citrus VI (0250)	250 acres
	Citrus VII (0251)	250 acres

***Note: Example: Citrus I-25 acres; Citrus II-45 acres, Citrus III--190 acres and Citrus IV--280 acres. A crop inspection would need to be completed ONLY on the citrus crop which exceeds the 250 acre tolerance (Citrus IV--280 acres).**

ALABAMA (01)--FLORIDA (12)--GEORGIA (13)--S. CAROLINA (45) --0034 PEACHES --

PRACTICE - IRR. (002) NONIRR. (003)

TYPE - FRESH (F); PROCESSING (P)

TRANSITIONAL YIELD (BUSHELS)

AGE	4YR	5YR	6YR	7YR	8YR	9YR	10YR	11YR	12 YR	13YR
EARLY	55	70	100	105	135	135	125	115	105	85
MID	120	135	165	170	190	190	180	170	155	140
LATE	130	155	185	190	215	215	205	195	180	160

SEASON (MATURITY DESIGNATIONS)	MATURATION DATE RANGE	VARIETAL EXAMPLES*
E-EARLY SEASON VARIETIES	5/1--6/16	SPRING GOLD-SUZIE Q
M-MID SEASON VARIETIES	6/17--7/05	CORONET-HARVESTER
L-LATE SEASON VARIETIES	7/06--9/15	REDGLOBE-PARADE

*** See the "Variety Listings" in following page(s) for Alabama, Florida, Georgia, & South Carolina for correct Chilling Hour and Season (Maturity Designations).**

Refer to COUNTY FCI-35 RATE TABLE for Chilling Hour Limitations.

Tree populations less than 90 trees per acre will be factored down: by dividing the number of trees by 109 (chart standard), then apply the factor to the applicable T-yield. Example: 90/109 = .83 x 150 bushels = 125 bushels.

Tree populations in excess of 150 Trees per acre will have the T-Yield Factored up by dividing the number of trees per acre by 150 and applying the resulting factor to the applicable T-Yield. For Example: 403/150= 2.69 x 100 bushels =269 bushels/acre. Note: this FACTOR IS ONLY APPLICABLE on Trees LESS than Eight years of age.

Orchards in excess of 13 years will take 80% of the applicable 13 year old yield.

Nectarines are insurable as a varietal class of peaches.

-ALABAMA (01)--FLORIDA (12)--GEORGIA (13)--S. CAROLINA (45)
PEACH VARIETY LISTING (Page 1 of 4)

The following list is for yield computation purposes. Refer to the FCI-35 in each county for chilling hour insurability limitations. Any variety not listed below must be referred to the Valdosta RSO for chilling hour determination and season maturation category.

VARIETY	FLOWER CHILL HOURS	SEASON	VARIETY	FLOWER CHILL HOURS	SEASON
ALL RED ELBERT	750	L	CHERRYGOLD	550	E
ALLGOLD	750	M	CHERRYMIST	750	M
AUTUMN GLO	850	L	CLASSIC	750	E
BABY GOLD #5	850	M	CLAYTON	950	M
BABY GOLD #7	750	L	COMANCHE	950	M
BABY GOLD #8	950	L	CONTENDER	1050	L
BEL AIR	750	M	CORONET	700	M
BELLE OF GA.	850	L	CORRELL	850	E
BICENTENNIAL	950	L	CRESTHAVEN	850	L
BIG RED (CVN 3)	850	L	CVN#2	750	M
BISCOE	700	E	CVN #4	850	L
BLAKE	750	L	DELTA	550	E
BOBEVA	850	L	DENMAN	800	L
BOUNTY	750	L	DERBY	850	E
BRIGHTON	950	L	DESERTRED	200	E
CAL RED	800	L	DEWITT WHITE	600	E
CAMDEN	750	M	DIXIE RED	950	E
CAN.HARMONY	750	L	DIXILAND	750	L
CANDOR	850	E	EARLI GRANDE	250	E
CAROGEM	850	L	EARLIBELLE	550	E
CAROLINA BELLE	750	L	EARLIRED	850	E
CARY MAC	750	M	EARLY REDGLOBE	800	M

PEACH VARIETY LISTING-ALABAMA, FLORIDA, GEORGIA AND S. CAROLINA -2 of 4

VARIETY	FLOWER CHILL HOURS	SEASON	VARIETY	FLOWER CHILL HOURS	SEASON
EARLY RED HAVEN	950	M	GLORY	850	L
ELBERT	850	L	GOLDCREST	650	E
EMPRESS	650	E	GOLDILOCKS	750	M
ENCORE	850	L	GOLDPRINCE	650	E
			GULF-PRINCE	400	E
FAIRTIME	750	L	HALE HAVEN	850	L
FAY ELBERT	750	L	HAMLET	850	E
FAYETTE	850	L	HARBELLE	850	E
FIREPRINCE	850	M	HARBRITE	850	M
FIRERED	750	L	HAWTHORNE	600	M
FLAME PRINCE	850	L	HARCREST	950	L
FLAVOR RICH	650	E	HARKEN	850	M
FLORDA CREST	425	E	HARMONY	850	L
FLORDA DAWN	300	E	HARVESTER	750	M
FLORDAGLO	150	E	HAVIS	850	L
FLORDA GLOBE	450	E	HONEYDEW HALE	850	L
FLORDA GOLD	450	E	IDLEWILD	550	M
FLORDA GRAND	100	E	INDIAN CLING	850	L
FLORDA KING	450	E	INDIAN RED	850	L
FLORDA PRINCE	150	E	J.H. HALE	950	L
FLORDA STAR	200	E	JAYHAVEN	850	L
FRICK SPECIALS	750	M	JEFFERSON	850	L
GALA	700	M	JERSEY DAWN	750	M
GARNET BEAUTY	850	M	JERSEY GLO	850	L
GLOHAVEN	850	L	JERSEY QUEEN	850	L

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

PAGE 3 OF 4-PEACH VARIETY LISTING-ALABAMA, FLORIDA, GEORGIA AND S. CAROLINA

VARIETY	FLOWER CHILL HOURS	SEASON	VARIETY	FLOWER CHILL HOURS	SEASON
JERSEYLAND	850	M	NEWHAVEN	950	M
JOHNNY T	850	L	NORMAN	850	M
JORDACHE	750	M	O'HENRY	750	L
JUNEGOLD	650	E	PARADE	850	L
JUNEPRINCE	650	M	QUACHITA GOLD	800	L
LA FELICIANA	600	L	RANGER	900	M
LA FESTIVAL	450	E	RARITAN ROSE	950	M
LA JEWEL	850	L	RED GLOBE	850	L
LA PERCHER	450	E	RED HAVEN	950	M
LA PREMIER	1050	L	RED KIST	750	L
LA WHITE	650	M	RED SKIN	750	L
LA GOLD	700	M	REDSUN	850	L
LATE SUNHAVEN	900	M	REGAL	700	E
LAWSON RED	600	E	REGINA	850	M
LEGEND (CVN 6)	950	L	RELIANCE	950	M
LORING	750	L	RIO GRANDE	400	M
MADISON	850	L	RIO OSA GEM	850	L
MAJESTIC	800	L	RUBIRED	950	E
MARQUEEN	750	L	RUBY PRINCE	850	E
MARSUN	850	L	RUSTON RED	850	L
MAYGOLD	650	M	SAM HOUSTON	650	L
MCNEELY	900	M	SATURN	750	M
MILAM	700	L	SCARLET PEARL	750	E
MIRACLE	850	L	SENTINEL	850	M
MONROE	850	L	SENTRY	850	E
NECTAR	1050	M	SG 9 17	500	E

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

PAGE 4 OF 4-PEACH VARIETY LISTING-ALABAMA, FLORIDA, GEORGIA AND S. CAROLINA

VARIETY	FLOWER CHILL HOURS	SEASON	VARIETY	FLOWER CHILL HOURS	SEASON
SHEPARDS BEAUTY	650	E	TBN #1	850	M
SOUTHLAND	750	L	TEX ROYAL	600	M
SPRINGBRITE	550	E	TEXSTAR	450	E
SPRINGCREST	650	E	TOPAZ	850	L
SPRINGOLD	850	E	TROPIC BEAUTY	150	E
STAGG	850	L	TROPIC SNOW	200	E
STARLITE	650	E	TROPIC SWEET	175	E
SULLVAN ELBTA	850	L	TYLER	950	L
SUMMER PEARL	850	L	VALLEYGRANDE	200	E
SUMMERGOLD	750	L	VALLEY FIRE	850	E
SUMMERPRINCE	850	E	VELVET	750	M
SUNBLAZE (NECT)	250	E	VIVID	850	M
SUNBRITE	750	E	WASHINGTON	950	M
SUNCREST	650	L	WHITE HALE	750	L
SUNHIGH	800	L	WHITE ROSE	750	L
SUNLAND	750	M	WHITE STAR	850	L
SUNPRINCE	800	L	WILD ROSE	750	M
SURECROP	950	E	WINBLO	850	L
SUWANNEE	650	M	W.L. SPECIALS	800	E
SUZI Q	650	E			

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

ALABAMA (01)--FLORIDA (12)--GEORGIA (13)--S. CAROLINA (45)

NECTARINES VARIETY LISTING (Page 1 of 1)

The following list is for yield computation purposes. Refer to the FCI-35 in each county for chilling hour insurability limitations. Any variety not listed below must be referred to the Valdosta RSO for chilling hour determination and season maturation category.

NECTARINES

VARIETY	FLOWER CHILL HOURS	SEASON	VARIETY	FLOWER CHILL HOURS	SEASON
ARMKING	500	E	POCOHONTAS	850	M
CAROLINA RED	850	M	REDCHIEF	850	L
CAVALIER	850	L	REDGOLD	850	L
CHEROKEE	850	M	ROSE PRINCESS	850	M
COLUMBIA	850	M	SUMMER BEAUTY	800	M
CRIMSON GOLD	750	E	SUNDOLLAR	400	E
DELICIOUS	850	L	SUNBLAZE	250	E
DURBIN	850	M	SUNCOAST	500	E
EARLI SCARLET	850	M	SUNFREE	500	L
FANTASIA	600	L	SUNGEM	450	E
FLAVORTOP	850	L	SUNGLO	850	M
KARLA ROSE	650	M	SUNLITE	450	E
LEXINGTON	850	L	SUNRED	250	E
MAYFIRE	650	E	SUNRIPE	350	M
NECTARED #4	850	M	SUNSPLASH(82N)	450	E
NECTARED #5	850	L			

GEORGIA (13)
APPLES (0054)

***Transitional Yield: Refer To The Table Following Page(s) For Determination.**

COUNTY CODE	NAME*	TYPE	PRACTICE
011	Banks	111	997
		112	997
111	Fannin	111	997
		112	997
123	Gilmer	111	997
		112	997
137	Habersham	111	997
		112	997
139	Hall	111	997
		112	997
241	Rabun	111	997
		112	997
311	White	111	997
		112	997

SOUTH CAROLINA (45)
APPLES (0054)

***Transitional Yield: Refer To The Table Following Page For Determination.**

COUNTY CODE	NAME*	TYPE	PRACTICE
045	Greenville	111	997
		112	997
059	Laurens	111	997
		112	997
073	Oconee	111	997
		112	997
077	Pickens	111	997
		112	997
083	Spartanburg	111	997
		112	997

2002 & 2003 Perennial Crop Transitional Yield & Acreage Tolerance Listing

GEORGIA & SOUTH CAROLINA

TRANSITIONAL YIELD DETERMINATION TABLE

APPLES (0054)

TREE AGE >	5 YRS	6 YRS	7 YRS	8 YRS	9 YRS	10 YRS	11 YRS	12 YRS	13 YRS	14 YRS	15 YRS
SPUR > BU./TREE	1.05	1.16	1.26	1.37	1.47	1.57	1.67	1.77	1.90	2.00	2.10
NONSPUR> BU./TREE	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	3.00

- **By age, multiply the number of trees per acre* times the appropriate SPUR OR NONSPUR yield to arrive at a t-yield for each block of trees. (*Based on tree acres). <u>For example</u>, 7 year old trees with SPUR @ 300 trees/acre times (1.26 SPUR figure) = 378 bushel T-yield.**

- **Orchards with mixed ages and types will be weighted together based on total acres by age and type .**

- **T-yields are capped at <u>450 BUSHELS PER ACRE</u>.**

ALABAMA (01)
BLUEBERRIES (0012)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE / NAME	T-YIELD (Pounds)
003	Baldwin	001	002/ Irr. With Frost Protection	3876
			002/ Irr. Without Frost Protection	2907
			003/ Non-Irrigated	1938
		002	002/ Irr. With Frost Protection	3876
			002/ Irr. Without Frost Protection	2907
			003/ Non-Irrigated	1938

FLORIDA (12)
BLUEBERRIES (0012)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE / NAME	T-YIELD (Pounds)
001	Alachua	001	002/ Irr. With Frost Protection	3876
055	Highlands		002/ Irr. Without Frost Protection	2907
			003/ Non-Irrigated	1938
		002	002/ Irr. With Frost Protection	3876
			002/ Irr. Without Frost Protection	2907
			003/ Non-Irrigated	1938

GEORGIA (13)
BLUEBERRIES (0012)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE / NAME	T-YIELD (Pounds)
001	Appling	001	002/ Irr. With Frost Protection	3876
005	Bacon		002/ Irr. Without Frost Protection	2907
299	Ware		003/ Non-Irrigated	1938
		002	002/ Irr. With Frost Protection	3876
			002/ Irr. Without Frost Protection	2907
			003/ Non-Irrigated	1938

SOUTH CAROLINA(45)
BLUEBERRIES (0012)

COUNTY CODE	COUNTY NAME	TYPE	PRACTICE CODE / NAME	T-YIELD (Pounds)
051	Horry	001	002/ Irr. With Frost Protection	3876
			002/ Irr. Without Frost Protection	2907
			003/ Non-Irrigated	1938
		002	002/ Irr. With Frost Protection	3876
			002/ Irr. Without Frost Protection	2907
			003/ Non-Irrigated	1938

End–