

United States
Department of
Agriculture



Risk
Management
Agency

Insurance
Services
Division

Claims &
Underwriting
Services
Division

Washington,
D.C.

Approved:
July 31, 1998
73198.wpd

1999 & 2000*
PERENNIAL CROP
TRANSITIONAL YIELD &
ACREAGE TOLERANCE
LISTING

*2000 Crop Year for Arizona and California -- Citrus &
Hawaii -- Macadamia Nuts

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1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

SUMMARY OF CHANGES

- Florida Citrus Acreage Tolerances will remain in effect for the 1999 crop year (All other Acreage Tolerances for Perennials were removed in 1998).
- **New Perennial County Crop Programs (identified with a * in Manual).**

<u>Crop</u>	<u>RSO</u>	<u>State</u>	<u>County</u>
Apples	Raleigh	Connecticut	Middlesex, Tolland
		Maine	Cumberland, Knox
		Maryland	Frederick, Harford, Somerset, Worcester
		Massachusetts	Bristol, Essex, Norfolk
		New Hampshire	Carroll, Cheshire, Grafton, Strafford, Sullivan
		New Jersey	Hunterdon, Mercer, Salem, Somerset, Warren
		Pennsylvania	Bradford, Butler, Cambria, Carbon, Centre, Clarion, Fayette, Indiana, Luzerne, Lycoming, McKean, Mifflin, Monroe, Northumberland, Tioga, Union, Westmoreland, Wyoming
		Vermont	Bennington
		Virginia	Culpeper, Orange, Scott
		West Virginia	Calhoun, Harrison, Mercer, Monroe, Nicholas, Putnam, Webster
Apples	Spokane	Oregon	Clackamas, Douglas, Lane, Linn, Polk, Jackson, Josephine Yamhill, Washington
Apples	Springfield	Indiana Ohio	Hancock, Marion, Spencer Fulton, Lucas

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

SUMMARY OF CHANGES (continued)

- **New Perennial County Crop Programs (identified with a * in this Listing).**

<u>Crop</u>	<u>RSO</u>	<u>State</u>	<u>County</u>
Grapes	Topeka	Colorado	Mesa
Minneola Tangelos	Sacramento	California	Fresno
Mandarins		California	Kern, Tulare
Peaches	Valdosta	Alabama	Lawrence, Morgan
Peaches	Raleigh	New Jersey	Salem

- **The Following RSOs have no changes for 1999:**

Oklahoma City, St. Paul, Jackson and Billings (no perennials).

- **The Following RSOs submitted changes for 1999 and 2000:**

Raleigh RSO:

- New apple counties/T-yields added (see list above) .

Sacramento RSO:

- New citrus counties added (see list above).
- Revision: Plums T-yield for Mid and Late Variety in Fresno, Kern and Tulare counties were revised.
- New T-yields established for the following Grape types/crush districts:

Cabernet Sauvignon	Type-016	district-9: Tyield-2.9T.
Merlot	Type-051	district-5: Tyield-4.2T; district-9:Tyield-3.0T; district-13&14: Tyield-5.4T.
Sauvignon Blanc	Type-081	district -10: Tyield-3.1T.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

SUMMARY OF CHANGES (continued)

Sacramento RSO (continued)

- New T-yields established for the following Grape types/crush districts:

Syrah/Shiraz	Type-196	district-1: Tyield 2.3T; district-3: Tyield-3.0T; district-4: Tyield-3.1T; district-7: Tyield-4.1T; district-8: Tyield-3.8T; district-10: Tyield 3.5T.
Sangiovetto/ Sangiovese	Type-376	district-7: Tyield-4.1T.
- Corrections By Crush Reporting District:

Merlot	Type-051	District 5: Tyield Corrected from 2.5 tons to a T-Yield of 4.2 tons.
Royalty	Type-173	District 13 & 14: TYield is 5.9 tons. Corrected: not District 15.
Sangiovetto /Sangiovese	Type- 376	District 4: T-yield, Corrected from 2.7 tons to a Tyield of 4.7 tons.

Spokane RSO:

- New apple counties/T-yields added (see list above).
- T-Yield factors adjusted in Idaho (apples/grapes as applicable).
- T-Yield Tables were revised to include high density pear plantings in Oregon and Washington. High density pear plantings no longer require RSO determined yields.
- Applicable T-Yield Factor legal descriptions were modified in select counties in Washington for apples, grapes and pears.
- T-Yield factor was adjusted for apples in Malheur County, Oregon to match previous adjustments to Idaho counties.
- Year planted was updated for T-Yield Tables all crops and years.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

SUMMARY OF CHANGES (continued)

Springfield RSO:

- New apple counties/T-yields added (see list above).

Topeka RSO:

- New grape county/T-yield added (see list above).
- “T-Yield” changes in the peach tables to indicate that **Early** type factor is to be used when the Producer’s Pre-Acceptance Worksheet does not accurately show type. Pruning Height was combined into three groups. The Missouri peach table for 175 and above trees per acre now ends at 16 years and older, and the 174 and below trees per acre table now has a group for 16-20 leaf year.
- "T-Yield" changes were made for apples and peaches to clarify adjustments for interplanted acreage.
- "T-Yield" tables have also been updated to show the current year 1999 as applicable.
- “T-Yield table for grapes was added for the 1999 crop year in Colorado.

Valdosta RSO:

- New peach counties/T-yields added (see list above).
- Acreage tolerances continue to be in effect for Florida Citrus.
- New peach varieties were added to the Peach Variety Listing. One correction for Variety “Florida Crest” (changed from 300 to 425 Hours).
- New Apple T-yield Determination Table: The previous Apple T-Yield Table was combined and simplified for Georgia and South Carolina by deletion of the Tree/Acre Column.

Contact For Listing:

If you have any questions regarding this Listing, please contact Sharon Hestvik, Risk Management Agency, Insurance Services-Claims and Underwriting Services Division, at (202)-720-6685/or email:Sharon_Hestvik@wdc.fsa.usda.gov.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

JACKSON RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**ARKANSAS (05)
APPLES (0054)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**ARKANSAS (05)
PEACHES (0034)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**KENTUCKY (21)
PEACHES (0034)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**LOUISIANA (22)
PEACHES (0034)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MISSISSIPPI (28)
GRAPES (0053)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MISSISSIPPI (28)
PEACHES (0034)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**TENNESSEE (47)
APPLES (0054)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**TENNESSEE (47)
PEACHES (0034)**

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

OKLAHOMA CITY RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW MEXICO (35)
APPLES (0054)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

OKLAHOMA (40)-PEACHES (0034)

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
001	Adair	101	002	66
		101	003	66
		102	002	66
		102	003	66
005	Aduki	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	Gavin	101	002	57
		101	003	57
		102	002	57
		102	003	57
087	McCain	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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**TEXAS (48)
GRAPES (0053)**

COUNTY CODE	NAME	TYPES	PRACTICE	TRANSITIONAL YIELD (tons)
095	Conch	071/072/073	002	*
153	Floyd	071/072/073	002	*
189	Hale	071/072/073	002	*
219	Hockey	071/072/073	002	*
279	Lamb	071/072/073	002	*
303	Lubbock	071/072/073	002	*
305	Lynn	071/072/073	002	*
327	Mannered	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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

RALEIGH RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**CONNECTICUT (09)
APPLES (0054)**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
001	Fairfield	111	997	207
		112	997	207
003	Hartford	111	997	226
		112	997	226
005	Litchfield	111	997	169
		112	997	169
007	Middlesex*	111	997	216
		112	997	216
009	New Haven	111	997	229
		112	997	229
011	New London	111	997	216
		112	997	216
013	Tolland*	111	997	243
		112	997	243
015	Windham	111	997	243
		112	997	243

*New for 1999.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MAINE (23)
APPLES (0054)**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
001	Androscoggin	111	997	295
		112	997	295
005	Cumberland*	111	997	191
		112	997	191
007	Franklin	111	997	225
		112	997	225
011	Kennebec	111	997	367
		112	997	367
013	Knox*	111	997	214
		112	997	214
017	Oxford	111	997	282
		112	997	282
019	Penobscot	111	997	151
		112	997	151
027	Waldo	111	997	168
		112	997	168
031	York	111	997	274
		112	997	274

* New for 1999.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MARYLAND (24)
APPLES (0054)**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
001	Allegany	111	997	**
		112	997	**
021	Frederick*	111	997	156
		112	997	156
025	Harford*	111	997	327
		112	997	327
039	Somerset*	111	997	156
		112	997	156
043	Washington	111	997	321
		112	997	321
047	Worcester*	111	997	156
		112	997	156

* New for 1999.

** Copies of the application, field inspection and production records must be submitted to the RSO for transitional yield determination.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MARYLAND (24)
PEACHES (0034)**

COUNTY				
CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
043	Washington	101	997	112
		102	997	112

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MASSACHUSETTS (25)
APPLES (0054)**

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
003	Berkshire	111	997	200
		112	997	200
005	Bristol*	111	997	101
		112	997	101
009	Essex*	111	997	140
		112	997	140
011	Franklin	111	997	343
		112	997	343
013	Hampden	111	997	243
		112	997	243
015	Hampshire	111	997	270
		112	997	270
017	Middlesex	111	997	244
		112	997	244
021	Norfolk*	111	997	206
		112	997	206
027	Worcester	111	997	259
		112	997	259

*New for 1999.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MASSACHUSETTS (25)
CRANBERRIES (0058)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW HAMPSHIRE (33)
APPLES (0054)**

COUNTY		TYPE	PRACTICE	T-YIELD (bushels)
CODE	NAME			
003	Carroll*	111	997	194
		112	997	194
005	Cheshire*	111	997	303
		112	997	303
009	Grafton*	111	997	193
		112	997	193
011	Hillsborough	111	997	303
		112	997	303
013	Merrimack	111	997	194
		112	997	194
015	Rockingham	111	997	311
		112	997	311
017	Strafford*	111	997	165
		112	997	165
019	Sullivan*	111	997	194
		112	997	194

*** New for 1999.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW JERSEY (34)
APPLES (0054)**

COUNTY				TRANSITIONAL
CODE	NAME	TYPE	PRACTICE	YIELD (bushels)
001	Atlantic	111	997	167
		112	997	167
005	Burlington	111	997	272
		112	997	272
007	Camden	111	997	210
		112	997	210
011	Cumberland	111	997	**
		112	997	**
015	Gloucester	111	997	288
		112	997	288
019	Hunterdon*	111	997	156
		112	997	156
021	Mercer*	111	997	156
		112	997	156
023	Middlesex	111	997	246
		112	997	246
025	Monmouth	111	997	242
		112	997	242
033	Salem*	111	997	288
		112	997	288
035	Somerset*	111	997	156
		112	997	156
041	Warren*	111	997	109
		112	997	109

* New for 1999. ** Copies of the application, field inspection and production records must be submitted to the RSO for transitional yield determination.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW JERSEY (34)
CRANBERRIES (0058)**

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW JERSEY (34)
PEACHES (0034)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
001	Atlantic	101	997	104
		102	997	104
005	Burlington	101	997	104
		102	997	104
007	Camden	101	997	104
		102	997	104
011	Cumberland	101	997	104
		102	997	104
015	Gloucester	101	997	104
		102	997	104
023	Middlesex	101	997	104
		102	997	104
033	Salem*	101	997	104
		102	997	104

* New for 1999.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW YORK (36)
APPLES (0054)**

CODE	COUNTY NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
001	Albany	111	997	*
		112	997	*
011	Cayuga	111	997	135
		112	997	135
019	Clinton	111	997	335
		112	997	335
021	Columbia	111	997	247
		112	997	247
027	Dutchess	111	997	313
		112	997	313
031	Essex	111	997	340
		112	997	340
055	Monroe	111	997	390
		112	997	390
063	Niagara	111	997	353
		112	997	353
065	Oneida	111	997	230
		112	997	230
067	Onondaga	111	997	327
		112	997	327

*** Copies of the application, field inspection and production records must be submitted to the RSO for transitional yield determination.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW YORK (36)
APPLES (0054) (continued)**

CODE	COUNTY NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
069	Ontario	111	997	*
		112	997	*
071	Orange	111	997	314
		112	997	314
073	Orleans	111	997	393
		112	997	393
075	Oswego	111	997	246
		112	997	246
091	Saratoga	111	997	344
		112	997	344
095	Schoharie	111	997	126
		112	997	126
103	Suffolk	111	997	216
		112	997	216
111	Ulster	111	997	291
		112	997	291
115	Washington	111	997	252
		112	997	252
117	Wayne	111	997	364
		112	997	364

*** Copies of the application, field inspection and production records must be submitted to the RSO for transitional yield determination.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW YORK (36)
GRAPES (0053)**

COUNTY		TYPE	PRACTICE	TRANSITIONAL
CODE	NAME			YIELD (tons)
009	Cattaraugus	161	997	4.2
		261	997	4.2
013	Chautauqua	161	997	5.4
		261	997	5.4
029	Erie	161	997	3.8
		261	997	3.8
063	Niagara	161	997	3.3
		261	997	3.3
069	Ontario	161	997	2.9
		261	997	2.9
097	Schuyler	161	997	4.1
		261	997	4.1
099	Seneca	161	997	4.4
		261	997	4.4
101	Steuben	161	997	4.4
		261	997	4.4
111	Ulster	161	997	2.0
		261	997	2.0
117	Wayne	161	997	2.8
		261	997	2.8
123	Yates	161	997	5.2
		261	997	5.2

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NEW YORK (36)
PEACHES (0034)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
063	Niagara	101	997	201
		102	997	201

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

NORTH CAROLINA (37)
APPLES (0054)

CODE	COUNTY NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
003	Alexander	111	997	210
		112	997	210
011	Avery	111	997	235
		112	997	235
021	Buncombe	111	997	255
		112	997	255
023	Burke	111	997	255
		112	997	255
035	Catawba	111	997	430
		112	997	430
045	Cleveland	111	997	385
		112	997	385
087	Hanwood	111	997	292
		112	997	292
089	Henderson	111	997	205
		112	997	205
109	Lincoln	111	997	340
		112	997	340
111	McDowell	111	997	*
		112	997	*
113	Macon	111	997	90
		112	997	90

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NORTH CAROLINA (37) (Continued)
APPLES (0054)**

CODE	COUNTY NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
121	Mitchell	111	997	195
		112	997	195
149	Polk	111	997	155
		112	997	155
161	Rutherford	111	997	195
		112	997	195
189	Watauga	111	997	230
		112	997	230
193	Wilkes	111	997	270
		112	997	270

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1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NORTH CAROLINA (37)
PEACHES (0034)**

CODE	COUNTY NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
003	Alexander	101	997	122
		102	997	122
007	Anson	101	997	71
		102	997	71
045	Cleveland	101	997	121
		102	997	121
071	Gaston	101	997	121
		102	997	121
093	Hoke	101	997	71
		102	997	71
101	Johnston	101	997	108
		102	997	108
109	Lincoln	101	997	121
		102	997	121
123	Montgomery	101	997	71
		102	997	71
125	Moore	101	997	71
		102	997	71

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**NORTH CAROLINA (37)
PEACHES (0034) (Continued)**

CODE	COUNTY NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
127	Nash	101	997	108
		102	997	108
149	Polk	101	997	121
		102	997	121
153	Richmond	101	997	71
		102	997	71
161	Rutherford	101	997	121
		102	997	121
163	Sampson	101	997	108
		102	997	108
183	Wake	101	997	108
		102	997	108
193	Wilkes	101	997	122
		102	997	122

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

PENNSYLVANIA (42) APPLES (0054) - Page 1 of 3

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (Bushels)
001	Adams	111	997	386
		112	997	386
003	Allegheny	111	997	**
		112	997	**
009	Bedford	111	997	295
		112	997	295
011	Berks	111	997	267
		112	997	267
013	Blair	111	997	323
		112	997	323
015	Bradford*	111	997	135
		112	997	135
017	Bucks	111	997	189
		112	997	189
019	Butler*	111	997	120
		112	997	120
021	Cambria*	111	997	129
		112	997	129
025	Carbon*	111	997	113
		112	997	113
027	Centre*	111	997	266
		112	997	266
029	Chester	111	997	239
		112	997	239
031	Clarion*	111	997	177
		112	997	177
033	Clearfield	111	997	129
		112	997	129

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

PENNSYLVANIA (42) APPLES (0054) Page 2 of 3

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD Bushels
041	Cumberland	111	997	337
		112	997	337
043	Dauphin	111	997	**
		112	997	**
049	Erie	111	997	312
		112	997	312
051	Fayette*	111	997	176
		112	997	176
055	Franklin	111	997	436
		112	997	436
063	Indiana*	111	997	129
		112	997	129
067	Juniata	111	997	260
		112	997	260
071	Lancaster	111	997	224
		112	997	224
073	Lawrence	111	997	318
		112	997	318
077	Lehigh	111	997	382
		112	997	382
079	Luzerne*	111	997	113
		112	997	113
081	Lycoming*	111	997	129
		112	997	129
083	McKean*	111	997	129
		112	997	129
085	Mercer	111	997	65
		112	997	65

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

PENNSYLVANIA (42) APPLES (0054) Page 3 of 3

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD Bushels
087	Mifflin*	111	997	295
		112	997	295
089	Monroe*	111	997	197
		112	997	197
095	Northampton	111	997	197
		112	997	197
097	Northumberland*	111	997	235
		112	997	235
107	Schuylkill	111	997	285
		112	997	285
109	Snyder	111	997	295
		112	997	295
117	Tioga*	111	997	135
		112	997	135
119	Union*	111	997	129
		112	997	129
121	Venango	111	997	120
		112	997	120
125	Washington	111	997	176
		112	997	176
129	Westmoreland*	111	997	176
		112	997	176
131	Wyoming*	111	997	129
		112	997	129
133	York	111	997	249
		112	997	249

* New for 1999.

** Copies of the application, field inspection and production records must be submitted to the RSO for transitional yield determination.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**PENNSYLVANIA (42)
GRAPES (0053)**

CO. CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (TONS)
049	Erie	161	997	5.9
		261	997	5.9

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**PENNSYLVANIA (42)
PEACHES (0034)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
001	Adams	101	997	201
		102	997	201
011	Berks	101	997	201
		102	997	201
041	Cumberland	101	997	201
		102	997	201
055	Franklin	101	997	201
		102	997	201
071	Lancaster	101	997	201
		102	997	201
077	Lehigh	101	997	201
		102	997	201
133	York	101	997	201
		102	997	201

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

RHODE ISLAND (44)

APPLES (0054)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
007	Providence	111	997	231
		112	997	231

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**RHODE ISLAND (44)
CRANBERRIES (0058)**

COUNTY CODE	COUNTY	TYPE	T-YIELD (Barrels)
003	Kent	997	112.1

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**VERMONT (50)
APPLES (0054)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
001	Addison	111	997	260
		112	997	260
003	Bennington*	111	997	229
		112	997	229
007	Chittenden	111	997	**
		112	997	**
013	Grand Isle	111	997	370
		112	997	370
021	Rutland	111	997	229
		112	997	229
025	Windham	111	997	265
		112	997	265
027	Windsor	111	997	**
		112	997	**

* New for 1999.

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1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**VIRGINIA (51)
APPLES (0054)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
003	Albemarle	111	997	295
		112	997	295
009	Amherst	111	997	255
		112	997	255
019	Bedford	111	997	185
		112	997	185
023	Botetourt	111	997	400
		112	997	400
035	Carroll	111	997	250
		112	997	250
043	Clarke	111	997	410
		112	997	410
047	Culpepper*	111	997	210
		112	997	210
063	Floyd	111	997	235
		112	997	235
067	Franklin	111	997	280
		112	997	280
069	Frederick	111	997	365
		112	997	365
077	Grayson	111	997	**
		112	997	**
113	Madison	111	997	290
		112	997	290
125	Nelson	111	997	280
		112	997	280

VIRGINIA (51) APPLES (0054)--(Continued)

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COUNTY		TRANSITIONAL		
CODE	NAME	TYPE	PRACTICE	YIELD (bushels)
137	Orange*	111	997	295
		112	997	295
141	Patrick	111	997	265
		112	997	265
157	Rappahannock	111	997	210
		112	997	210
161	Roanoke	111	997	265
		112	997	265
163	Rockbridge	111	997	**
		112	997	**
165	Rockingham	111	997	300
		112	997	300
169	Scott*	111	997	265
		112	997	265
171	Shenandoah	111	997	300
		112	997	300
173	Smyth	111	997	265
		112	997	265
187	Warren	111	997	255
		112	997	255
197	Wythe	111	997	265
		112	997	265

* New for 1999.

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1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**VIRGINIA (51)
PEACHES (0034)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
003	Albemarle	101	997	169
		102	997	169
009	Amherst	101	997	116
		102	997	116
019	Bedford	101	997	116
		102	997	116
023	Botetourt	101	997	116
		102	997	116
035	Carroll	101	997	122
		102	997	122
063	Floyd	101	997	122
		102	997	122
067	Franklin	101	997	116
		102	997	116
069	Frederick	101	997	112
		102	997	112
113	Madison	101	997	169
		102	997	169

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

VIRGINIA (51)(Continued)
PEACHES (0034)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
125	Nelson	101	997	169
		102	997	169
137	Orange	101	997	169
		102	997	169
141	Patrick	101	997	122
		102	997	122
143	Pittsylvania	101	997	122
		102	997	122
157	Rappahannock	101	997	112
		102	997	112
165	Rockingham	101	997	112
		102	997	112
171	Shenandoah	101	997	112
		102	997	112
197	Wythe	101	997	122
		102	997	122

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WEST VIRGINIA (54) APPLES (0054)

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
003	Berkeley	111	997	255
		112	997	255
013	Calhoun*	111	997	**
		112	997	**
027	Hampshire	111	997	235
		112	997	235
031	Hardy	111	997	**
		112	997	**
033	Harrison*	111	997	**
		112	997	**
037	Jefferson	111	997	345
		112	997	345
055	Mercer*	111	997	**
		112	997	**
063	Monroe*	111	997	**
		112	997	**
065	Morgan	111	997	155
		112	997	155
067	Nicholas*	111	997	**
		112	997	**
079	Putnam*	111	997	**
		112	997	**
101	Webster*	111	997	**
		112	997	**

* New for 1999. **Copies of the application, field inspection and production records must be submitted to the RSO for transitional yield determination.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**WEST VIRGINIA (54)
PEACHES (0034)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (bushels)
003	Berkeley	101	997	112
		102	997	112
027	Hampshire	101	997	63
		102	997	63
037	Jefferson	101	997	112
		102	997	112
065	Morgan	101	997	112
		102	997	112

SACRAMENTO RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

ARIZONA (04)

APPLES (0054)

COUNTY				TRANSITIONAL
CODE	NAME	TYPE	PRACTICE	YIELD
				(Box)
003	Cochise	111	002	250
		112	002	250
009	Graham	111	002	250
		112	002	250

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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)	210	210	180
Oranges--Sweet (0216)	210	210	180
Oranges--Valencia (0217)	250	250	240
Grapefruit--All (0201)	300	300	540
Lemons--All (0202)	180	180	220
Mandarins (0205)	290	290	220
Tangelos--Minneola (0206)	360	360	220
Tangelos--Orlando (0237)	360	360	220

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**CALIFORNIA (06)
ALMONDS (0028)**

COUNTY CODE	NAME	TYPE	PRACTICE	TRANSITIONAL YIELD (lbs.)
007	Butte	997	002	1060
011	Colusa	997	002	760
019	Fresno	997	002	1200
021	Glenn	997	002	960
029	Kern	997	002	1170
031	Kings	997	002	1080
039	Madera	997	002	1040
047	Merced	997	002	1010
077	San Joaquin	997	002	960
095	Solano	997	002	490
099	Stanislaus	997	002	1200
101	Sutter	997	002	720
103	Tehama	997	002	860
107	Tulare	997	002	1090
113	Yolo	997	002	780
115	Yuba	997	002	790

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

CALIFORNIA (06)--APPLES (0054)

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (Boxes)
013	Contra Costa	111	002	400
		112	002	400
017	El Dorado	111	002	700
		112	002	700
019	Fresno	111	002	420
		112	002	420
029	Kern*	111	002	870*
		112	002	300*
031	Kings	111	002	420
		112	002	420
039	Madera	111	002	390
		112	002	390
045	Mendocino	111	002	250
		112	002	250
047	Merced	111	002	510
		112	002	510
077	San Joaquin	111	002	630
		112	002	630
087	Santa Cruz	111	002	600
		112	002	600
097	Sonoma	111	002	250
		112	002	250
099	Stanislaus	111	002	510
		112	002	510
101	Sutter	111	002	680
		112	002	680
107	Tulare	111	002	450
		112	002	450

*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.

1999 & 2000 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	380		330		270
021	Glenn	340				
025	Imperial	350		350	580	360
029	Kern	400	400	460		360
039	Madera	440		380		
053	Monterey					490
059	Orange			390		460
065	Riverside	400	400	430	620	320
071	San Bernardino	340		310	410	230
073	San Diego	560	560	600	790	560
079	San Luis Obispo					460
083	Santa Barbara					460
107	Tulare	450	450	430		350
111	Ventura	370		390	790	490

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**CALIFORNIA (06)
CITRUS CROPS -Page 2 of 2**

**PRACTICE(s)*
021 & 022**

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

**Transitional Yield
(CARTONS)**

COUNTY CODE	NAME	MANDARINS (0205)	MINNEOLA TANGELOS (0206)	TANGELOS ORLANDO (0237)
019	Fresno**		470**	
029	Kern**	430**	470	
065	Riverside	480	538	538
073	San Diego	680	680	680
107	Tulare**	450**	470	

****New for Crop Year 2000.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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	County	Published* "T" yield	Fresno County "T" Yield
160	Adriatic	2800	1350
260	Black Mission	2510	1200
360	Calimyrna	1050	500
460	Kadota	920	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.**

1999 & 2000 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

1999 & 2000 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

-CRUSH REPORTING DISTRICTS-

Type Code	Types *	1	2	3	4	5	6	7	8	9	10
005	Barbara										2.2
015	Cabernet Fran	3.0			3.0						
016	Cabernet Sauvignon	3.1	2.8	2.8	2.8	3.8		2.8	2.8	2.9	
020	Carignane	3.8				5.4					
023	Chardonnay	3.1	3.1	3.1	3.1	3.7	3.1	3.1	3.1	5.3	2.5
024	Chenin Blanc		4.5			3.9	5.8		4.5	4.5	
036	French Columbard			4.9							
038	Gamay Beaujolais							2.6			
039	Gewurztraminer							3.7			
044	Grenache							5.7		4.4	
051	Merlot			3.5	3.5	4.2	2.5			3.0	
064	Petite Sirah							3.5			
066	Pinot Blanc							3.1			
067	Pinot Noir	3.6		3.6	3.4			2.6	2.9		
081	Sauvignon Blanc	3.1	3.1	3.9	3.1	4.6		3.6	3.7		3.1
093	White Riesling									3.6	2.7
094	Zinfandel	4.2		3.0	3.8	5.4		4.5	4.9	6.2	3.2
196	Syrah/Shiraz	2.3		3.0	3.1			4.1	3.8		3.5
376	Sangiovetto/ Sangiovese			4.1	4.7			4.1			5.7

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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	1.1				
005	Barbara	6.5	6.4			
014	Burger	9.0	8.5			
016	Cabernet Sauvignon	5.0	5.8			5.0
020	Carignane	5.5	7.2			
021	Carnelian	5.3	6.6			
022	Centurian		7.5			6.0
023	Chardonnay	4.0	4.8		2.8	3.0
024	Chenin Blanc	5.8	7.5			4.6
027	Emerald Riesling		6.8			
031	Fiesta	7.2	7.2			
032	Flame Seedless	4.8	4.8			
036	French Columbard	7.6	8.2			7.6
044	Grenache	5.9	7.6			
049	Malvasia Bianca	8.4	5.3			
051	Merlot	4.0	5.4			4.0
052	Mission	5.6				

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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		6.0			
060	Palomino/ G Chasselas		7.0			
064	Petite Sirah	2.5				2.5
074	Rubired	5.9	6.5			
076	Ruby Cabernet	4.9	5.8			
078	St. Emilion (Ugni Blanc)		6.3			
080	Salvador		6.1			
081	Sauvignon Blanc	6.2				5.3
083	Semillon		6.5			2.2
088	Thompson Seedless	7.2	7.2			
094	Zinfandel	6.0	7.6	2.7		
173	Royalty		5.9			

* All other types: Transitional Yield is 2.0 Tons.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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	410	300	370	410	410	300	340	410
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 Sacramento RSO.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**CALIFORNIA (06)
PEARS (0089)**

CO. CODE	COUNTY NAME	TYPE	PRACTICE	T-YIELD (TONS)
017	El Dorado	189	002	3.2
		289	002	1.8
033	Lake	189	002	10.9
		289	002	5.0
		389	002	5.0
045	Mendocino	189	002	16.1
		289	002	6.3
		389	002	6.3
067	Sacramento	189	002	15.3
		289	002	5.0
077	San Joaquin	189	002	11.9
		289	002	5.0
095	Solano	189	002	8.9
		289	002	5.0
101	Sutter	189	002	10.1
		289	002	5.0
113	Yolo	189	002	13.2
		289	002	5.0
115	Yuba	189	002	12.6
		289	002	5.0

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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)	240 310* 470*
029	Kern*	997	002	Early (107) Mid Season (108) Late Season (109)	240 310* 470*
031	Kings	997	002	Early (107) Mid Season (108) Late Season (109)	190 310 470
039	Madera	997	002	Early (107) Mid Season (108) Late Season (109)	180 290 440
047	Merced	997	002	Early (107) Mid Season (108) Late Season (109)	100 170 250
061	Placer	997	002	Early (107) Mid Season (108) Late Season (109)	60 100 120
107	Tulare*	997	002	Early (107) Mid Season (108) Late Season (109)	240 310* 470*

***Note: Plums T-yield for Mid Season and Late Season in Fresno, Kern and Tulare Counties were revised for 1999.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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	2.1
039	Madera	997	002	2.6
047	Merced	997	002	2.0
085	Santa Clara	997	002	0.7
095	Solano	997	002	1.3
097	Sonoma	997	002	0.8
101	Sutter	997	002	1.7
103	Tehama	997	002	1.7
107	Tulare	997	002	1.9
113	Yolo	997	002	1.8
115	Yuba	997	002	1.8

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

CALIFORNIA (06) STONEFRUIT -Page 1 of 2

PRACTICE: 002-TRANSITIONAL YIELDS

Co. CODE	NAME	Apricots Fresh (0218) <i>LUGS</i>	Apricots Processing (0219) <i>TONS</i>	Nectarines Fresh (0220) <i>LUGS</i>	Freestone Peaches Processing (0222) <i>TONS</i>	Freestone Peaches Fresh (0223) <i>LUGS</i>
013	Contra Costa	240	3.8			
019	Fresno	290	4.6	590	7.7	530
029	Kern	260	3.8	460	6.2	430
031	Kings	300	4.8	500	7.5	510
039	Madera	260	4.2	480	6.6	450
047	Merced	370	4.7	580	14.0	950
069	San Benito	240	3.4			
077	San Joaquin	430	5.4			
085	Santa Clara	150	2.2			
095	Solano	150	1.9			
099	Stanislaus	450	6.4	480	14.6	1000
107	Tulare	390	5.0	570	7.0	470
113	Yolo	150	2.5			

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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	11.4	13.9	14.1	15.7
019	Fresno	13.0	14.0	14.3	13.0
031	Kings	13.0	14.0	14.3	12.9
039	Madera	12.2	14.8	14.1	13.7
047	Merced	12.2	14.8	14.1	13.7
077	San Joaquin	8.1	11.9	10.9	12.0
099	Stanislaus	12.2	14.8	14.1	13.7
101	Sutter	11.4	13.9	14.1	15.7
107	Tulare	13.0	13.8	14.1	12.9
115	Yuba	11.4	13.9	14.1	15.7

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (POUNDS)
005	Amador	997	002	1100
		997	003	500
007	Butte	997	002	2280
009	Calaveras	997	002	1000
		997	003	500
011	Colusa	997	002	1520
013	Contra Costa	997	002	1160
019	Fresno	997	002	2230
021	Glenn	997	002	1740
029	Kern	997	002	2860
031	Kings	997	002	2730
033	Lake	997	002	800
		997	003	500
039	Madera	997	002	2090
047	Merced	997	002	2300
061	Placer	997	002	2340

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (POUNDS)
069	San Benito	997	002	1400
		997	003	500
077	San Joaquin	997	002	2280
079	San Luis Obispo	997	002	1000
		997	003	500
083	Santa Barbara	997	002	1740
085	Santa Clara	997	002	1880
		997	003	500
089	Shasta	997	002	1850
095	Solano	997	002	1720
099	Stanislaus	997	002	2370
101	Sutter	997	002	2220
103	Tehama	997	002	2010
107	Tulare	997	002	2340
113	Yolo	997	002	2040
115	Yuba	997	002	2600

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

SPOKANE RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**IDAHO (16)
APPLES (0054)**

COUNTY CODE	NAME	TYPE	PRACTICE	LEGAL DESCRIPTION	T-YIELD FACTOR*
027	Canyon	111	002	ALL	0.70**
045	Gem	111	002	ALL	0.60**
073	Owyhee	111	002	ALL	0.60**
075	Payette	111	002	ALL	0.65**
087	Washington	111	002	ALL	0.70**

* Apply the transitional yield factor to the appropriate yield on the following table to determine the transitional yield.

** Updated for 1999.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

IDAHO (16)
APPLES (0054) (Continued)

YEAR PLANTED	LEAF YEAR	DENSITY-TREES PER ACRE		
		0-299	300-599	600+
		TRANSITIONAL YIELD (boxes)		
1999	1	0	0	0
1998	2	0	0	0
1997	3	85	135	185
1996	4	165	285	350
1995	5	290	435	505
1994	6	395	600	660
1993	7	510	760	810
1992	8	630	905	960
1991	9	740	1000	1055
1990	10	850	1055	1100
1989	11	950	1085	1100
1988	12	1005	1100	1100
1987	13	1050	1100	1100
1986	14	1075	1100	1100
1985	15	1090	1100	1100
1984	16	1100	1100	1100
1983	17	1100	1100	1100
1982	18	1100	1100	1100
1981	19	1100	1100	1100
1980	20	1100	1100	1100
1979	21	1100	1100	1100
1978	22	1100	1100	1100
1977	23	1100	1100	1100
1976 & earlier	24+	1100	1100	1100

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**IDAHO (16)
GRAPES (0053)**

TYPES	PRACTICES
161	002
271	002
272	002
273	002
274	002

COUNTY CODE	NAME	LEGAL DESCRIPTION	TRANSITIONAL YIELD FACTOR*
027	Canyon	ALL	0.70**

*Apply the transitional yield factor to the appropriate yield on the table below to determine the transitional yield. ** Updated for 1999.

YEAR PLANTED	LEAF YEAR	GRAPE TYPE				
		161	271	272	273	274
		TRANSITIONAL YIELD (tons)				
1999	1	0	0	0	0	0
1998	2	0	0	0	0	0
1997	3	2.2	0.8	1.0	1.1	1.3
1996	4	4.4	1.8	2.1	2.4	2.9
1995	5	7.3	3.0	3.4	4.0	4.7
1994	6	7.3	3.3	3.8	4.4	5.2
1993	7	7.3	3.3	3.8	4.4	5.2
1992 & earlier	8+	7.3	3.3	3.8	4.4	5.2

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**OREGON (41)
APPLES (0054)**

CODE	COUNTY NAME	T-YIELD LEGAL DESCRIPTION	YIELD FACTOR #	TYPE	PRACTICE
005	Clackamas*	ALL ALL	0.75 0.65	111	002 003
019	Douglas*	ALL	0.90	111	002
023	Grant	ALL	0.70	111	002
027	Hood River	ALL	0.90	111	002
029	Jackson*	ALL	0.90	111	002
033	Josephine*	ALL	0.90	111	002
039	Lane*	ALL ALL	0.75 0.65	111	002 003
043	Linn*	ALL ALL	0.75 0.65	111	002 003
045	Malheur**	ALL	0.65	111	002
047	Marion	ALL ALL	0.75 0.65	111	002 003
053	Polk*	ALL ALL	0.75 0.65	111	002 003
059	Umatilla**	T05N R35E-R37E T06N R36E ALL OTHER TWN SHPS	0.50 0.80 0.70	111	002 002 002
065	Wasco	ALL	0.90	111	002
067	Washington*	ALL ALL	0.75 0.65	111	002 003
071	Yamhill*	ALL ALL	0.75 0.65	111	002 003

* New for 1999. ** Updated for 1999.

#Apply the T-Yield Factor to the appropriate yield on the following table to determine the T-yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

OREGON (41) (Continued)
APPLES (0054)

YEAR PLANTED	LEAF YEAR	DENSITY-TREES PER ACRE		
		0-299	300-599	600+
		TRANSITIONAL YIELD (boxes)		
1999	1	0	0	0
1998	2	0	0	0
1997	3	85	135	185
1996	4	165	285	350
1995	5	290	435	505
1994	6	395	600	660
1993	7	510	760	810
1992	8	630	905	960
1991	9	740	1000	1055
1990	10	850	1055	1100
1989	11	950	1085	1100
1988	12	1005	1100	1100
1987	13	1050	1100	1100
1986	14	1075	1100	1100
1985	15	1090	1100	1100
1984	16	1100	1100	1100
1983	17	1100	1100	1100
1982	18	1100	1100	1100
1981	19	1100	1100	1100
1980	20	1100	1100	1100
1979	21	1100	1100	1100
1978	22	1100	1100	1100
1977	23	1100	1100	1100
1976 & earlier	24+	1100	1100	1100

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**OREGON (41)
CRANBERRIES (0058)**

CO. CODE	COUNTY	TYPE	PRACTICE	T-Yield
011	Coos	997	997	Refer to the Table below for T-Yield Determination
015	Curry	997	997	

CRANBERRIES-- T-Yield Table

YEAR PLANTED	LEAF YEAR	TRANSITIONAL YIELD (barrels)
1999-1997	1-3	Non-insurable (0)
1996	4	62
1995	5	74
1994	6	87
1993	7	105
92 & earlier	8+	124

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**OREGON (041)
GRAPES (0053)**

TYPES	PRACTICE
271	997
272	997
273	997
274	997
*Except: Morrow County (049): includes additional type 161	*Except: Morrow County (049): practice 002

COUNTY CODE	COUNTY NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
003	Benton	ALL	0.70
019	Douglas	ALL	0.70
029	Jackson	ALL	0.90
033	Josephine	ALL	0.90
039	Lane	ALL	0.70
047	Marion	ALL	0.70
049	Morrow*	ALL	0.70--PRACTICE 002
053	Polk	ALL	0.70
067	Washington	ALL	0.70
071	Yamhill	ALL	0.70

Apply the transitional yield factor to the appropriate yield on the following table to determine the transitional yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**OREGON (041)
GRAPES (0053) (Continued)**

YEAR PLANTED	LEAF YEAR	TYPE				
		161	271	272	273	274
		TRANSITIONAL YIELD (tons)				
1999	1	0	0	0	0	0
1998	2	0	0	0	0	0
1997	3	2.2	0.8	1.0	1.1	1.3
1996	4	4.4	1.8	2.1	2.4	2.9
1995	5	7.3	3.0	3.4	4.0	4.7
1994	6	7.3	3.3	3.8	4.4	5.2
1993	7	7.3	3.3	3.8	4.4	5.2
1992 & earlier	8+	7.3	3.3	3.8	4.4	5.2

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**OREGON (41)
PEARS (0089)**

TYPES	PRACTICE
189	002
289	002

COUNTY CODE	COUNTY NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
027	Hood River	ALL	0.90
029	Jackson	ALL	0.90
065	Wasco	ALL	0.90

Apply the transitional yield factor to the appropriate yield on the following table to determine transitional yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

OREGON (41)--PEARS (0089) (Continued)

YEAR PLANTED	LEAF YEAR	DENSITY-TREES PER ACRE
		Transitional Yield (tons)
		--ALL--
1999	1	0
1998	2	0
1997	3	0
1996	4	2.5
1995	5	4.4
1994	6	5.9
1993	7	7.6
1992	8	9.4
1991	9	11.1
1990	10	12.7
1989	11	14.2
1988	12	15.1
1987	13	15.8
1986	14	16.1
1985	15	16.4
1984	16	16.5
1983	17	16.5
1982	18	16.5
1981	19	16.5
1980	20	16.5
1979	21	16.5
1978	22	16.5
1977	23	16.5
1976 & earlier	24+	16.5

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WASHINGTON (53)
 APPLES (0054)- Page 1 of 4

TYPE	PRACTICE*
111	002 *Except: Spokane County (063), Practice 002 & 003 and Stevens County (065), Practice 002 & 003.

COUNTY CODE	COUNTY NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
001	Adams	ALL	1.05
005	Benton	ALL	1.10
007	Chelan	T22N R21E	1.00
		T25N R20E-R21E	0.90
		T26N R20E-R23E	0.90
		T27N R21E-R23E	0.90
		T28N R21E-R24E	0.90
		ALL OTHER TOWNSHIPS	0.80
017	Douglas	T20N R22E	1.00
		T21N R22E	1.00
		T22N R21E-R22E	1.00
		T23N R20E	0.80
		T30N R23E-R26E	0.70
		ALL OTHER TOWNSHIPS	0.90
021	Franklin	ALL	1.05

Apply the transitional yield factor to the appropriate yield on the following table to determine the transitional yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WASHINGTON (53)
 APPLES (0054)- Page 2 of 4

TYPE	PRACTICE
111	002 *Except: Spokane County (063), Practice 002 & 003 and Stevens County (065), Practice 002 & 003.

COUNTY CODE	COUNTY NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
025	Grant	ALL	1.05
037	Kittitas	T15N R23E	1.20
		T16N R23E	1.20
		ALL OTHER TOWNSHIPS	0.70
039	Klickitat	ALL	1.05
047	Okanogan	T29-30N R23-R24E	0.90
		T29N R26E	0.70
		T30N R25E-R26E	0.70
		T31N R26E	0.70
		T32N R25E	0.70
	ALL OTHER TOWNSHIPS	0.80	
063	Spokane*	ALL	0.70-PRACTICE 002
		ALL	0.60-PRACTICE 003
065	Stevens*	ALL	0.65-PRACTICE 002
		ALL	0.55-PRACTICE 003
071	Walla Walla	T07N R31N	1.20
		T08N R30E-R31E	1.20
		T09N R30E-R33E	1.20
		T10N R32E-R33E	1.20
		ALL OTHER TOWNSHIPS	0.80

#Apply the transitional yield factor to the appropriate yield on the following table to determine the transitional yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**WASHINGTON (53)
APPLES (0054) -Page 3 of 4**

TYPE 111	PRACTICE 002
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COUNTY CODE	COUNTY NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
077	Yakima	T08N R21E-R23E	1.10
		T09N R21E-R23E	1.10
		T10N R20E-R23E	1.10
		T10N R17E-R19E	0.90
		T11N R17E-R23E	0.90
		T12N R17E-R20E	0.90
		T13N R18E-R21E	0.90
		ALL OTHER TOWNSHIPS	0.70

Apply the transitional yield factor to the appropriate yield on the following table to determine the transitional yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WASHINGTON (53)
 APPLES (0054) - Page 4 of 4

YEAR PLANTED	LEAF YEAR	DENSITY-TREES PER ACRE		
		0-299	300-599	600+
		TRANSITIONAL YIELD (boxes)		
1999	1	0	0	0
1998	2	0	0	0
1997	3	85	135	185
1996	4	165	285	350
1995	5	290	435	505
1994	6	395	600	660
1993	7	510	760	810
1992	8	630	905	960
1991	9	740	1000	1055
1990	10	850	1055	1100
1989	11	950	1085	1100
1988	12	1005	1100	1100
1987	13	1050	1100	1100
1986	14	1075	1100	1100
1985	15	1090	1100	1100
1984	16	1100	1100	1100
1983	17	1100	1100	1100
1982	18	1100	1100	1100
1981	19	1100	1100	1100
1980	20	1100	1100	1100
1979	21	1100	1100	1100
1978	22	1100	1100	1100
1977	23	1100	1100	1100
1976 & earlier	24+	1100	1100	1100

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**WASHINGTON (53)
CRANBERRIES (0058)**

COUNTY CODE	COUNTY NAME	PRACTICE	T-YIELD
027	Grays Harbor	997	REFER TO THE TABLE BELOW FOR T-YIELD DETERMINATIONS
049	Pacific	997	

CRANBERRIES

YEAR PLANTED	LEAF YEAR	TRANSITIONAL YIELD (barrels)
1999-1997	1-3	Non-insurable (0)
1996	4	52
1995	5	62
1994	6	73
1993	7	88
1992 & earlier	8+	104

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WASHINGTON (53)
GRAPES (0053)

TYPES	PRACTICE
161	002
271	002
272	002
273	002
274	002

COUNTY CODE	NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
005	Benton	ALL	1.10
021	Franklin	ALL	1.05
025	Grant	ALL	1.05
039	Klickitat	ALL	1.05
071	Walla Walla	T07N R31N	1.20
		T08N R30E-R31E	1.20
		T09N R30E-R33E	1.20
		T10N R32E-R33E	1.20
		ALL OTHER TOWNSHIPS	0.80
077	Yakima	T08N R21E-R23E	1.10
		T09N R21E-R23E	1.10
		T10N R20E-23E	1.10
		T10N R17E-R19E	0.90
		T11N R17E-R23E	0.90
		T12N R17E-R20E	0.90
		T13N R18E-R21E	0.90
		ALL OTHER TOWNSHIPS	0.70

Apply the transitional yield factor to the appropriate yield on the following table to determine the transitional yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**WASHINGTON (53)
GRAPES (0053) (Continued)**

YEAR PLANTED	LEAF YEAR	TYPE	TYPE	TYPE	TYPE	TYPE
		161	271	272	273	274
TRANSITIONAL YIELD (tons)						
1999	1	0	0	0	0	0
1998	2	0	0	0	0	0
1997	3	2.2	0.8	1.0	1.1	1.3
1996	4	4.4	1.8	2.1	2.4	2.9
1995	5	7.3	3.0	3.4	4.0	4.7
1994	6	7.3	3.3	3.8	4.4	5.2
1993	7	7.3	3.3	3.8	4.4	5.2
1992 & earlier	8+	7.3	3.3	3.8	4.4	5.2

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WASHINGTON (53)
PEARS (0089) - Page 1 of 3

TYPE (s)	PRACTICE*
189	002
289	002
	*Except: 011 Clark County: practice 003 & 059 Skamania County: practice 003

COUNTY CODE	COUNTY NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
005	Benton	ALL	1.10
007	Chelan	T22N R21E T25N R20E-R21E T26N R20E-R23E T27N R21E-R23E T28N R21E-R24E ALL OTHER TOWNSHIPS	1.00 0.90 0.90 0.90 0.90 0.80
011	Clark*	ALL TOWNSHIPS	0.70 Practice 003
017	Douglas	T20N R22E T21N R22E T22N R21E-R22E T23N R20E T30N R23E-R26E ALL OTHER TOWNSHIPS	1.00 1.00 1.00 0.80 0.70 0.90
021	Franklin	ALL	1.05

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

WASHINGTON (53)
PEARS (0089) - Page 2 of 3

COUNTY CODE	COUNTY NAME	LEGAL DESCRIPTION	T-YIELD FACTOR #
037	Kittitas	T15N R23E T16N R23E	1.10
039	Klickitat	ALL	1.05
047	Okanogan	T29-30N R23-R24E	0.90
		T29N R26E	0.70
		T30N R25E-R26E	0.70
		T31N R26E	0.70
		T32N R25E	0.70
		ALL OTHER TOWNSHIPS	0.80
059	Skamania*	ALL TOWNSHIPS	0.70 PRACTICE 003
077	Yakima	T08N R21E-R23E	1.10
		T09N R21E-R23E	1.10
		T10N R20E-23E	1.10
		T10N R17E-R19E	0.90
		T11N R17E-R23E	0.90
		T12N R17E-R20E	0.90
		T13N R18E-R21E	0.90
		ALL OTHER TOWNSHIPS	0.70

Apply the transitional yield factor to the appropriate yield on the following table to determine the transitional yield.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**WASHINGTON (53)
PEARS (0089) -Page 3 of 3**

YEAR PLANTED	LEAF YEAR	DENSITY-TREES /ACRE
		ALL T-YIELD (TONS)
1999	1	0
1998	2	0
1997	3	0
1996	4	2.5
1995	5	4.4
1994	6	5.9
1993	7	7.6
1992	8	9.4
1991	9	11.1
1990	10	12.7
1989	11	14.2
1988	12	15.1
1987	13	15.8
1986	14	16.1
1985	15	16.4
1984	16	16.5
1983	17	16.5
1982	18	16.5
1981	19	16.5
1980	20	16.5
1979	21	16.5
1978	22	16.5
1977	23	16.5
1976& earlier	24+	16.5

SPRINGFIELD RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

*** New for 1999.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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	002
		111	003
		112	002
		112	003
009	Antrim	111	002
		111	003
		112	002
		112	003
019	Benzie	111	002
		111	003
		112	002
		112	003
021	Berrien	111	002
		111	003
		112	002
		112	003
027	Cass	111	002
		111	003
		112	002
		112	003
037	Clinton	111	002
		111	003
		112	002
		112	003
049	Genesee	111	002
		111	003
		112	002
		112	003

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

TABLE FOR
 TRANSITIONAL YIELD DETERMINATION

	TREE AGE							
	1-3	4	5	6	7	8	9	10+
DENSITY (trees per acre)	TRANSITIONAL YIELDS (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 (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.

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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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	002	2090
		003	003	1745
159	Van Buren	002	002	2090
		003	003	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	002	2790
		003	003	2440
159	Van Buren	002	002	2790
		003	003	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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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	Berried	161	997	2.2
		261	997	2.2
027	Cass	161	997	2.2
		261	997	2.2
077	Kalamazoo	161	997	2.2
		261	997	2.2
159	Van Buren	161	997	2.2
		261	997	2.2

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	Berried	161	997	3.1
		261	997	3.1
027	Cass	161	997	3.1
		261	997	3.1
077	Kalamazoo	161	997	3.1
		261	997	3.1
159	Van Buren	161	997	3.1
		261	997	3.1

MICHIGAN (26) PEACHES (0034)

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

REFER TO TABLE NEXT PAGE FOR -TRANSITIONAL YIELD DETERMINATION

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

OHIO (39)--APPLES (0054)

REFER TO TABLE NEXT PAGE FOR -TRANSITIONAL YIELD DETERMINATION

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

*New for 1999.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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.

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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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	997	2.4
		261	997	2.4
085	Lake	161	997	2.4
		261	997	2.4
093	Lorain	161	997	2.4
		261	997	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	997	3.4
		261	997	3.4
085	Lake	161	997	3.4
		261	997	3.4
093	Lorain	161	997	3.4
		261	997	3.4

ST. PAUL RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**WISCONSIN (55)
APPLES (0054)**

COUNTY CODE	NAME	TYPE	PRACTICE	T-YIELD (bushels)
023	Crawford	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

1999 & 2000 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

TOPEKA RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COLORADO (08)

APPLES (0054)

*** 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COLORADO (08) (Continued)

APPLES (0054)

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-32 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)

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**COLORADO (08) (Continued)
APPLES (0054)**

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 1963 and were planted 25 feet between trees and 25 feet between rows.

The transitional yield is 240.

$$1.0 \text{ acre} = 43,560 \text{ sq. ft.}$$

$$25' \times 25' = 625 \text{ sq. ft.}$$

$$43,560/625 = 70 \text{ trees per acre}$$

$$56/70 = 80\% \text{ stand}$$

Trees planted in 1963 will reach the 37 leaf year in 1999.

$$300 \text{ bu/ac from the table} \times .80 = \underline{240 \text{ bushel transitional yield}}$$

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:

$$1.0 \text{ acre} = 43,560 \text{ sq. ft.}$$

$$12.5' \times 25' = 313 \text{ sq. ft.}$$

$$25' \times 12.5' = 313 \text{ sq. ft.}$$

$$43,560/313 = 139 \text{ trees per acre}$$

$$65/139 = 47\% \text{ stand}$$

Trees planted in 1963 will reach the 37 leaf year in 1999.

$$600 \text{ bu/ac from the table} \times .47 = \underline{282 \text{ bushel transitional yield}}$$

1999 & 2000 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.

Example:

Acreage planted in the spring of 1996 or fall of 1995 will be in the 4th leaf year for the 1999 crop year. Acreage grafted in the summer of 1996 will be in the 3rd growing season for the 1999 crop year. If this acreage produced 2.0 tons per acre or above for the 1998 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 1998 and the producer has provided two or more years of records on the unit, the transitional yield of 2.0 would be substituted for 1995, 1996 and 1997. For the following year (2000) a transitional yield of 2.5 will be applicable for the 1996 and 1997 with the producer actual production for 1998 and 1999, provided the producer maintains and provides separate production and acreage information timely. For the year 2001 and a transitional yield of 2.5 will be applicable for only 1997. In the year 2002 the producer actual production for 1998 through 2001 will be used. This four year average continues to build to a ten years average.

*** New County Crop Program for 1999.**

1999 & 2000 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

Bearing trees in the 4th leaf 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COLORADO (08)(Continued)

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 fourth leaf, to be considered bearing trees. (See Examples next page).

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

COLORADO (08)(Continued)
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 of 1993, 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 planted in 1993 will reach the seventh leaf year in 1999.

.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 in 1984 with 12' X 14' spacing and are pruned at 9 feet. The Sunhaven were planted 14' x 16' in 1979 and are pruned at 11 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 planted in 1984 will reach the 16th leaf year in 1999.
.59 from above table x .81 density factor = .48
.48 x 300 Glohaven trees on 1.2 acres = 144 (see next page-continued)

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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 planted in 1979 will reach the 21st leaf year in 1999.

.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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

Bearing trees in the 4th leaf 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

(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 fourth leaf, 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 of 1993, that are pruned to eight feet, and are planted 20 feet between trees and 20 feet between rows.

The transitional yield will be 60.

$$\begin{aligned} 1.0 \text{ acre} &= 43,560 \text{ sq. ft.} \\ 87 \text{ Glohaven planted on 1.0 acres} \\ 20' \times 20' &= 400 \text{ sq. ft.} \\ 43,560/400 &= 109 \text{ trees per acre} \\ 109 \times .90 &= 98 \text{ trees per acre based upon 90\% stand} \\ 87/109 &= .80 \text{ stand factor} \end{aligned}$$

$$\begin{aligned} 87 \text{ Glohaven planted in 1993 will reach the 7th leaf year in 1999} \\ .86 \text{ from above table} \times .80 \text{ stand factor} &= .69 \\ .69 \times 87 \text{ Glohaven trees on 1.0 acres} &= \underline{60 \text{ bushel transitional yield.}} \end{aligned}$$

Example 2: A 1.5 acre block with 100 Glohaven (Mid) trees, and 225 Sunhaven (Early) and Earliglo (Early). The Glohavens were planted in 1975 with 20' X 20' spacing 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).

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

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

Example 2: (continued)

The replacement started in 1993 to the present 1998 crop year. Fifty-five Sunhaven trees were planted in 1993 and forty-five Earliglo in 1994 and twenty every year after. The 1993 trees were allowed to produce for the first time in 1998, while the 1994 trees will be allowed to produce in 1999. The 1993 trees will be pruned at 6 to 7 feet and the 1994 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 1999

$195/246 = .79$ stand factor

$.66 \times .79 = .52$ density factor adjusted for less 90% stand.

100 Glohaven trees planted in 1975 will reach the 25th leaf year in 1999.

$.45$ from above table x $.52$ density factor adjusted for % stand = $.23$

$.23 \times 100$ Glohaven trees = 23

55 Sunhaven trees planted in 1993 will reach the 7th leaf year in 1999

$.55$ from above table x $.52 = .29$

$.29 \times 55$ Sunhaven trees = 16

45 Earliglo trees planted in 1994 will reach the 6th leaf year in 1999

$.30$ from above table x $.52 = .16$

$.16 \times 45$ Earliglo trees = 7

20 Earliglo trees planted in 1995, 1996, 1997 and 1998 are considered non-bearing since the producer will not allow them to produce for 1999. The 1995 and 1996 trees have reached the policy age minimum of fourth leaf 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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

LEAF YEAR	48 to 108	TREES	PER	ACRE	600 PLUS
		109 to 151	152 to 299	300 to 599	
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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**MISSOURI
APPLES (0054) -Page 3 of 3**

Example: A 1.0 acre block with 56 live bearing trees, planted in 1963 and were planted 25 feet between trees and 25 feet between rows.

The transitional yield will be 180:

$$1.0 \text{ acre} = 43,560 \text{ sq. ft.}$$

$$25' \times 25' = 625 \text{ sq. ft.}$$

$$43,560/625 = 70 \text{ trees per acre}$$

$$56/70 = 80\% \text{ stand}$$

Trees planted in 1963 will reach the 37 leaf year in 1999.

$$225 \text{ bu/ac from the table} \times .80 = \underline{180 \text{ bushel transitional yield.}}$$

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.

$$1.0 \text{ acre} = 43,560 \text{ sq. ft.}$$

$$12.5' \times 25' = 313 \text{ sq. ft.}$$

$$25' \times 12.5' = 313 \text{ sq. ft.}$$

$$43,560/313 = 139 \text{ trees per acre}$$

$$65/139 = 47\% \text{ stand}$$

Trees planted in 1963 will reach the 37 leaf year in 1999.

$$600 \text{ bu/ac from the table} \times .47 = \underline{282 \text{ bushel transitional yield.}}$$

If the producer also had a .5 acre block that produced the 150 bu/ac minimum with 50 live bearing trees planted in 1989 planted 20' X 20'.

The weighted average transitional yield will be 187.

$$20' \times 20' = 400 \text{ sq. ft.}$$

$$43,560/400 = 109 \text{ trees per acre}$$

$$51/55 = 93\% \text{ stand}$$

Trees planted in 1989 will reach the 11 leaf year in 1999.

$$200 \text{ bu/ac from the table} \times .5 \text{ acres} = 100 + 180 = 280/1.5 \text{ acres} =$$

$$\underline{187 \text{ bushel weighted average transitional yield.}}$$

1999 & 2000 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

Bearing trees in the 4th leaf 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

MISSOURI (Continued)--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	.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 fourth leaf, to be considered bearing trees (See Examples).

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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, all planted in the spring of 1993, that are pruned to seven feet, and were planted 12 feet between trees and 18 feet between rows.

The transitional yield will be 86.

$$\begin{aligned} 1.0 \text{ acre} &= 43,560 \text{ sq. ft.} \\ 204 \text{ Sunhaven trees planted on 1.0 acre} \\ 12' \times 18' &= 216 \text{ sq. ft.} \\ 43,560/216 &= 202 \text{ trees per acre} \\ 204 \text{ trees reported exceed 100\% no adjustment required.} \\ 210/202 &= 1.04 \text{ density factor} \end{aligned}$$

204 Sunhaven trees planted in 1993 will reach the seventh leaf year in 1999.

$$.40 \text{ factor from table} \times 1.04 = .42$$

$$.42 \times 204 \text{ Sunhaven trees on 1.0 acre} = 86 \text{ bushel transitional yield.}$$

Example B: A producer reports he has 300 Glohaven (Mid) trees, and 120 Sunhaven (Early). The Glohavens were planted in 1984 with 12' X 14' spacing and are pruned at 9 feet. The Sunhaven were planted 14' x 16' in 1979 and are pruned at 11 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 52.

$$\begin{aligned} 1.0 \text{ acre} &= 43,560 \text{ sq. ft.} \\ 300 \text{ Glohaven block planted 12' X 14' on 1.2 acres} \\ 12' \times 14' &= 168 \text{ sq. ft.} \\ 43,560/168 &= 259 \text{ trees per acre} \\ 210/259 &= .81 \text{ density factor} \end{aligned}$$

(see next page-continued)

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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 planted in 1984 will reach the 16th leaf year in 1999.
.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 planted in 1979 will reach the 21st leaf year in 1999.
.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.**

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

Bearing trees in the 4th leaf 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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

MISSOURI (Continued)--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 fourth leaf, to be considered bearing trees (See Examples).

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

TRANSITIONAL YIELD EXAMPLES

Example 1: A 1.0 acre block with 87 Glohaven (Mid) trees, all planted in the spring of 1993, that are pruned to eight feet, and are planted 20 feet between trees and 20 feet between rows.

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 planted in 1993 will reach the 7th leaf year in 1999.

.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 planted in 1975 with 20' X 20' spacing 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. The replacement started in 1993 to the present 1999 crop year. Fifty-five Sunhaven trees were planted in 1993 and forty-five Earliglo in 1994 and twenty every year after. The 1993 trees were allowed to produce for the first time in 1998, while the 1995 trees will be allowed to produce in 1999. The 1994 trees will be pruned at 6 to 7 feet and the 1995 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 1999

195/246 = .79 stand factor

(see next page)--continued

MISSOURI (29) (continued) Page 9 of 9

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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 planted in 1975 will reach the 25th leaf year in 1999.

.56 from above table x .52 density factor adjusted for % stand = .29

.29 x 100 Glohaven trees = 29

55 Sunhaven trees planted in 1993 will reach the 7th leaf year in 1999.

.47 from above table x .52 = .24

.24 x 55 Sunhaven trees = 13

45 Earliglo trees planted in 1994 will reach the 6th leaf year in 1999.

.33 from above table x .52 = .17

.17 x 45 Earliglo trees = 8

20 Earliglo trees planted in 1995, 1996, 1997 and 1998 are considered non-bearing since the producer will not allow them to produce for 1999. The 1995 and 1996 trees have reached the policy age minimum of fourth leaf 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 RSO

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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).

<u>Florida (12)</u>	<u>Type/Crop Code</u>	<u>Acreage Tolerance*</u>
	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).

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

--0034 PEACHES --

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

TYPE - FRESH (F) PROCESSING (P)

TRANSITIONAL YIELD (BUSHEL)

AGE	4YRS	5YRS	6YRS	7YRS	8YRS	9YRS	10YRS	11YRS	12 YRS	13YRS
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.

Orchards which have a tree population in excess of 150 trees per acre will be referred to the Valdosta RSO for yield determination.

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: $90/109 = .83 \times 150$ bushels = 125 bushels.

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.

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

-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	CAROGEM	850	L
ALLGOLD	750	M	CAROLINA BELLE	750	L
AUTUMN GLO	850	L	CARY MAC	750	M
BABY GOLD #5	850	M	CHERRYGOLD	550	E
BABY GOLD #7	750	L	CHERRYMIST	750	M
BABY GOLD #8	950	L	CLASSIC	750	E
BELLE OF GA.	850	L	CLAYTON	950	M
BICENTENNIAL	950	L	COMANCHE	950	M
BIG RED (CVN 3)	850	L	CONTENDER	1050	L
BISCOE	700	E	CORONET	700	M
BLAKE	750	L	CORRELL	850	E
BOBEVA	850	L	CRESTHAVEN	850	L
BOUNTY	750	L	CVN#2	750	M
BRIGHTON	950	L	CVN #4	850	L
CAL RED	800	L	DELTA	550	E
CAMDEN	750	M	DENMAN	800	L
CAN.HARMONY	750	L	DERBY	850	E
CANDOR	850	E	DESERTRED	200	E

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

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

VARIETY	FLOWER CHILL HOURS	SEASON	VARIETY	FLOWER CHILL HOURS	SEASON
DEWITT WHITE	600	E	FLORDA GOLD	450	E
DIXIE RED	950	E	FLORDA GRAND	100	E
DIXILAND	750	L	FLORDA KING	450	E
EARLI GRANDE	250	E	FLORDA PRINCE	150	E
EARLIBELLE	550	E	FLORDA STAR	200	E
EARLIRED	850	E	FRICK SPECIALS	750	M
EARLY RED HAVEN	950	M	GALA	700	M
ELBERT	850	L	GARNET BEAUTY	850	M
EMPRESS	650	E	GLOHAVEN	850	L
ENCORE	850	L	GLORY	850	L
FAIRTIME	750	L	GOLDCREST	650	E
FAY ELBERT	750	L	GOLDILOCKS	750	M
FAYETTE	850	L	GOLDPRINCE	650	E
FIREPRINCE	850	M	HALE HAVEN	850	L
FIRERED	750	L	HAMLET	850	E
FLAME PRINCE	850	L	HARBELLE	850	E
FLAVOR RICH	650	E	HARBRITE	850	M
FLORDA CREST	425*	E	HAWTHORNE	600	M
FLORDA DAWN	300	E	HARCREST	950	L
FLORDAGLO	150	E	HARKEN	850	M
FLORDA GLOBE	450	E	HARMONY	850	L

*Corrected from 1998.

1999 & 2000 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
HARVESTER	750	M	LATE SUNHAVEN	900	M
HAVIS	850	L	LEGEND (CVN 6)	950	L
HONEYDEW HALE	850	L	LORING	750	L
IDLEWILD	550	M	MADISON	850	L
INDIAN CLING	850	L	MAJESTIC	800	L
INDIAN RED	850	L	MARQUEEN	750	L
J.H. HALE	950	L	MARSUN	850	L
JAYHAVEN	850	L	MAYGOLD	650	M
JEFFERSON	850	L	MCNEELY	900	M
JERSEY GLO	850	L	MILAM	700	L
JERSEY QUEEN	850	L	MIRACLE	850	L
JERSEYLAND	850	M	MONROE	850	L
JORDACHE	750	M	NECTAR	1050	M
JUNEGOLD	650	E	NEWHAVEN	950	M
JUNEPRINCE	650	M	NORMAN	850	M
LA FELICIANA	600	L	O'HENRY	750	L
LA FESTIVAL	450	E	PARADE	850	L
LA JEWEL	850	L	QUACHITA GOLD	800	L
LA PERCHER	450	E	RANGER	900	M
LA PREMIER	1050	L	RARITAN ROSE	950	M
LA WHITE	650	M	RED GLOBE	850	L
LA GOLD	700	M	RED SKIN	750	L
			RED HAVEN	950	M

1999 & 2000 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
REDSUN	850	L	SUNBRITE	750	E
REGAL	700	E	SUNCREST	650	L
REGINA	850	M	SUNHIGH	800	L
RELIANCE	950	M	SUNLAND	750	M
RIO GRANDE	400	M	SUNPRINCE	800	L
RIO OSA GEM	850	L	SURECROP	950	E
RUBIRED	950	E	SUWANNEE	650	M
RUSTON RED	850	L	SUZI Q	650	E
SAM HOUSTON	650	L	TEX ROYAL	600	M
SATURN	750	M	TEXSTAR	450	E
SCARLET PEARL	750	E	TOPAZ	850	L
SENTINEL	850	M	TROPIC BEAUTY	150	E
SENTRY	850	E	TROPIC SNOW	200	E
SHEPARDS BEAUTY	650	E	TROPIC SWEET	175	E
SOUTHLAND	750	L	TYLER	950	L
SPRINGBRITE	550	E	VALLEYGRANDE	200	E
SPRINGCREST	650	E	VALLEY FIRE	850	E
SPRINGOLD	850	E	VELVET	750	M
STAGG	850	L	VIVID	850	M
STARLITE	650	E	WASHINGTON	950	M
SULLVAN ELBTA	850	L	WHITE HALE	750	L
SUMMER PEARL	850	L	WHITE ROSE	750	L
SUMMERGOLD	750	L	WHITE STAR	850	L
SUMMERPRINCE	850	E	WILD ROSE	750	M
SUNBLAZE (NECT)	250	E	WINBLO	850	L

1999 & 2000 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			

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 Perennial Crop Transitional Yield & Acreage Tolerance Listing

**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

1999 & 2000 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). For example, 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 450 BUSHELS PER ACRE.**

End

Approved July, 31, 1998-Insurance Services-Claims and Underwriting Services Division