

# CITRUS



## CITRUS FRUIT CROP INSURANCE

### Crop Insurance for Growers

#### Description of Coverage

**LOSSES INSURED:** Freeze, Hurricane, Hail, Tornado, Fire, Wind

**STAGES OF GROWTH:**  
Stage I: 5-year-old trees producing a normal crop for their age  
Stage II: 6 to 8-year-old trees  
Stage III: 9+ year-old trees

**COVERAGE PER ACRE:**  
(Mature Trees)

<b>Fruit Groups</b>	<b>CAT**</b>	<b>MIN. BUYUP</b>	<b>MAX. BUYUP</b>
Early & Mid (Standard Density)	\$ 722.00	\$1,313.00	\$2,231.00
Early & Mid (High Density)	\$1,231.00	\$2,238.00	\$3,803.00
Mid-Season Valencia (Standard Density)	\$ 791.00	\$1,438.00	\$2,443.00
Mid-Season Valencia (High Density)	\$1,348.00	\$2,450.00	\$4,165.00
Late Oranges (fresh) (Standard Density)	\$1,073.00	\$1,950.00	\$3,315.00
Late Oranges (fresh) (High Density)	\$1,822.00	\$3,313.00	\$5,631.00
Late Oranges (juice) (Standard Density)	\$ 791.00	\$1,438.00	\$2,443.00
Late Oranges (juice) (High Density)	\$1,348.00	\$2,450.00	\$4,165.00
Navels (Standard Density)	\$1,149.00	\$2,088.00	\$3,548.00
Navels (High Density)	\$1,953.00	\$3,550.00	\$6,035.00
Grapefruit (fresh)	\$1,121.00	\$2,038.00	\$3,463.00
Grapefruit (juice)	\$ 674.00	\$1,225.00	\$2,082.00
Tangerines	\$1,699.00	\$3,088.00	\$5,248.00
Tangelos	\$ 956.00	\$1,738.00	\$2,953.00
Temples	\$ 674.00	\$1,225.00	\$2,082.00
Murcotts	\$1,155.00	\$2,100.00	\$3,570.00
Lemons (juice)	\$1,265.00	\$2,300.00	\$3,910.00

**DEDUCTIBLE OPTIONS:** CAT Level: 50%  
Buy-Up: Choice of 15%, 20%, 25%, 30%, 35%, 40%, 45%, and 50%

**UNIT DIVISION:** Unit division is allowed for fruit types located in non-contiguous blocks for groves that have buy-up coverage.

**INSURED PERIOD:**  
5/01 – 2/07 Tangerines and Navels  
5/01 – 2/28 Early Oranges  
5/01 – 3/31 Mid-Season Oranges and Temples  
5/01 – 5/15 Murcotts  
5/01 – 6/30 Grapefruit and Late Oranges

**PREMIUM BILLING DATE:** March 1st

*Carden & Associates, Incorporated - We keep you growing...*

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## Loss Example

### Fresh Fruit

Tangerine • Tangelo • Navel • Murcott • Temple • Grapefruit • Valencia

### Loss Scenario

- Grower has one grove with 100 acres of Grapefruit
- Coverage level **75/100** (\$3,056 per acre)
- Total coverage \$305,600
- Portions of the Grapefruit sold as fresh fruit within the past three seasons
- Current year production 40,000 boxes
- Average 45 pounds of juice per box
- Fresh Fruit Factor .73
- Freeze damage occurs

*After inspection and harvest, the following is the final disposition of the crop:*

- 0 boxes harvested fresh
- 30,000 boxes juiced with yield of 40 pounds of juice per box
- 10,000 boxes fall to ground

Calculations for the percent of damage:

Fruit on ground: 10,000 boxes x 100% = 10,000 boxes lost

Fruit juiced: 33,750\* boxes x 79%\* = 26,663 boxes lost

**Total:** = **36,663 boxes lost**

36,663 boxes lost ÷ 43,750 total boxes = 83.8% damage

$$\begin{array}{r} 83.8\% \\ -25.0\% \text{ deductible} \\ \hline 58.8\% \\ \div .75 \text{ coverage level adjustment} \\ \hline 78.4\% \text{ adjusted damage} \end{array}$$

Calculation of indemnity due:

\$305,600 x 78.4% = **\$239,590 indemnity due**

## Loss Example

### Juice Fruit

Valencia • Hamlin • Pineapple • Grapefruit, etc.

### Loss Scenario

- Grower has one grove with 100 acres of Valencias with 100 trees per acre
- Coverage level **75/100** (\$2,156 per acre)
- Total coverage \$215,600
- Average juice yield of **54 pounds** of juice per box in prior years = 25,560\* boxes that would have been harvested had damage not occurred
- After damage: Two boxes of ground fruit per tree are lost, with 44 pounds of juice per box produced on 20,000 boxes harvested
- Freeze damage occurs

*After inspection and harvest, the following is the final disposition of the crop:*

- 10,000 trees x two boxes per tree = 20,000 boxes of ground fruit lost
- Reduction in juice yield from 54 to 44 pounds = 36.2%\* damage
- 36.2% x 25,560 boxes = 9,253 boxes lost harvested production
- 20,000 boxes lost on ground + 9,253 boxes lost harvested production = 29,253 total boxes lost
- 20,000 boxes on ground + 25,560 boxes potentially = 45,560 boxes total production
- 29,253 boxes lost ÷ 45,560 boxes production = 64.2% damage

$$\begin{array}{r} 64.2\% \\ -25.0\% \text{ deductible} \\ \hline 39.2\% \\ \div .75 \text{ coverage level adjustment} \\ \hline 52.3\% \text{ adjusted damage} \end{array}$$

Calculation of indemnity due:

\$215,600 x 52.3% = **\$112,759 indemnity due**

\*Calculations for these figures are available in the Florida Citrus Fruit Loss Adjustment Handbook.

Contact our agents to insure your citrus fruit today!

888.296.7533 | [info@cardeninsurance.com](mailto:info@cardeninsurance.com)

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