



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)

FRUIT GROUPS	CAT*	MIN BUY-UP	MAX BUY-UP
Early & Mid (standard density)	\$447.00	\$813.00	\$1,381.00
Early & Mids (high density)*	\$764.00	\$1,388.00	\$2,358.00
Mid-Season Valencia (standard density)	\$489.00	\$888.00	\$1,508.00
Mid-Season Valencia (high density)*	\$832.00	\$1,513.00	\$2,571.00
Late Oranges (fresh)	\$722.00	\$1,313.00	\$2,231.00
Late Oranges fresh (high density)*	\$1,231.00	\$2,238.00	\$3,803.00
Late Oranges juice (standard density)	\$489.00	\$888.00	\$1,508.00
Late Oranges juice (high density)*	\$832.00	\$1,513.00	\$2,571.00
Navels (standard density)	\$578.00	\$1,050.00	\$1,785.00
Navels (high density)*	\$984.00	\$1,788.00	\$3,038.00
Grapefruit (fresh)	\$1,004.00	\$1,825.00	\$3,102.00
Grapefruit (juice)*	\$502.00	\$913.00	\$1,551.00
Tangerines	\$1,011.00	\$1,838.00	\$3,123.00
Tangelos	\$791.00	\$1,438.00	\$2,443.00
Temples	\$523.00	\$950.00	\$1,615.00
Murcotts	\$750.00	\$1,363.00	\$2,316.00
Lemons (juice)	\$812.00	\$1,475.00	\$2,507.00
Mid Season Non-Valencia (standard density)	\$447.00	\$813.00	\$1381.00
Mid Season Non-Valencia (high density)*	\$764.00	\$1,388.00	\$2,358.00

*176+ trees per acre

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
 SALES CLOSING DATE: April 15th



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

CITRUS FRUIT

Loss Example

Fresh Fruit

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

Loss Scenario

- Grower has one grove with 100 acres of Grapefruit (fresh)
- Coverage level **75/100** (\$2,738 per acre)
- Total coverage \$273,800
- 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 .63
- 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 .708* = 23,895 boxes lost

Total: = **33,895 boxes lost**

33,895 boxes lost ÷ 43,750 total boxes = 77.5% damage

$$\begin{array}{r} 77.5\% \\ - 25.0\% \text{ deductible} \\ \hline 52.5\% \\ \div .75 \text{ coverage level adjustment} \\ \hline 70.0\% \text{ adjusted damage} \end{array}$$

Calculation of indemnity due:

\$273,800 x 70.0% = **\$191,660 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** (\$1,331 per acre)
- Total coverage \$133,100
- 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 32,660 boxes = 11,823 boxes lost harvested production
- 20,000 boxes lost on ground + 11,823 boxes lost harvested production = 31,823 total boxes lost
- 20,000 boxes on ground + 32,660 boxes potentially = 52,600 boxes total production
- 31,823 boxes lost ÷ 52,600 boxes production = 60.4% damage

$$\begin{array}{r} 60.4\% \\ - 25.0\% \text{ deductible} \\ \hline 35.4\% \\ \div .75 \text{ coverage level adjustment} \\ \hline 47.2\% \text{ adjusted damage} \end{array}$$

Calculation of indemnity due:

\$133,100 x 47.2% = **\$62,823 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!

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