



United States Department of Agriculture
Risk Management Agency

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2007 COMMODITY INSURANCE FACT SHEET

Grain Sorghum—Crop Revenue Coverage North Carolina

Grain sorghum may be insured under the **crop revenue coverage (CRC)** plan of insurance if planted on insurable acreage located in a county with applicable actuarial documents.

CRC provides protection against a decline in market prices as well as a shortfall in production. The guarantee is in dollars and a loss situation occurs when the dollar value of your production falls below your dollar guarantee. CRC offers protection whether prices rise or fall:

- In most years when the price usually declines as harvest approaches, you are guaranteed a pre-determined amount of income per acre
- In a year of rising prices, a production shortfall would be compensated at the higher market-based harvest price. This is critical if any lost production must be replaced at higher market prices for on farm feeding or to fulfill delivery on a forward contract.

Counties Available

Grain sorghum CRC insurance is readily available in most North Carolina counties. Acreage in other counties may be insured if specific criteria are met. Consult a crop insurance agent for details.

Causes of Loss

Adverse weather conditions¹
 Failure of irrigation water supply²
 Fire
 Harvest price less than base price
 Insects³
 Plant disease³
 Wildlife

¹Natural perils such as hail, drought, and excess precipitation. ²If caused by an insured peril during the insurance period. ³But not damage due to insufficient or improper application of recommended control measures.

Insurance Period

Coverage begins when the crop is planted and ends the earliest of: (1) total destruction of the crop, (2) harvest of the crop, (3) abandonment of the crop, (4) final adjustment of a claim, (5) December 10, 2007.

Reporting Requirements

You must notify your agent or insurance company representative within 72 hours of discovery of any damage to your crop.

- If crop damage is initially discovered during harvest, you must notify your agent immediately and leave representative samples of the unharvested crop at least 10 feet wide and extending the entire length of the field.
- If you expect a revenue loss on the unit, you must give notice no later than 45 days after the harvest price is released.

Important Dates

Sales Closing	February 28, 2007
Final Planting Date	June 15, 2007
Acreage Report Due.....	June 30, 2007

Definitions

Average APH Yield—Your average yield per acre based on your actual production history (APH), county yields, or other adjusted yields if appropriate.

Base Price—The price that determines the minimum guarantee and premium is based on the September Chicago Board of Trade (CBOT) futures contracts average daily price during the period December 15, 2006 – January 14, 2007.

Coverage Level— Levels of protection available are from 50 to 75 percent of your approved average yield.

Minimum Guarantee — Average APH yield X base price X coverage level:

Example: 60 bushels per acre X \$3.00 X .75
= \$135 per acre minimum guarantee

Harvest Price—The price used to determine calculated revenue and harvest guarantee is based on the September CBOT futures average daily price during the month of August 2007.

Harvest Guarantee—Average yield X harvest price X coverage level:

Example: 60 bushels per acre X \$2.60 X .75
= \$117 per acre harvest guarantee

Calculated Revenue—Value of your production determined by bushels produced X harvest price:

Example: 20 bushels per acre produced X \$2.60 =
\$52 per acre calculated revenue

Note: The actual price you receive for selling your crop is **not** a factor in CRC calculations.

Final Guarantee — Higher of the minimum or harvest guarantee.

NOTE: Your premium will **not** increase if final guarantee is higher than the minimum guarantee.

Indemnity: Final guarantee – calculated revenue:

Example: \$135 – \$52 = \$83 per acre indemnity

Price Elections

YEAR	BASE PRICE*	HARVEST PRICE**
2007	3.55	NA
2006	2.14	2.07
2005	2.10	1.99
2004	2.43	2.16

* Published on or after January 15 of the crop year.

** Published on or after September 1 of the crop year.

NA-Not available at this time.

Price elections will be posted on the RMA Web site:
<http://www3.rma.usda.gov/apps/pricesinquiry/>

Insurance Units

Insurable acreage is grouped into one or more units based on your selection of one of the following:

Basic Unit: A basic insurance unit includes all your corn acreage in the county by share arrangement. Premiums are reduced 10 percent for basic units.

Optional Units: If qualified, you may further divide a basic unit into optional units by farm serial number

or irrigated/non-irrigated land. The 10-percent basic unit premium discount will not apply.

Enterprise Unit: An enterprise unit combines all your corn in the county into one county-wide unit, regardless of ownership, share, or rental arrangement. A premium discount will apply, based upon the number of insured acres. You must qualify for two or more basic/optional units to be eligible.

Loss Example

This example assumes an average yield of 60 bushels per acre, base price of \$3.00, harvest price of \$2.60, production-to-count of 20 bushels per acre, one basic unit, and 75-percent coverage level.

60	Bushels per acre approved yield
x .75	Coverage level
45	Bushels per acre guarantee basis
x 3.00	Base price per bushel
\$135	Minimum guarantee per acre

When the harvest price is announced in September, a harvest guarantee is calculated. The final guarantee is the higher of the minimum or harvest guarantee.

Harvest guarantee per acre = \$117
(45 bushels per acre X \$2.60 harvest price)

\$135	Final guarantee per acre (higher of minimum or harvest guarantee)
– 52	Calculated revenue (20 bushels per acre produced X \$2.60 harvest price)
83	Indemnity per acre
– 11	Estimated premium per acre (varies)
\$72	Net indemnity per acre

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