



United States Department of Agriculture
Risk Management Agency

March 2005

2005 COMMODITY INSURANCE FACT SHEET

Corn—Crop Revenue Coverage Massachusetts

Crop Insured

Corn grown for grain 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

Corn CRC is available in most Massachusetts counties.

Causes of Loss

Adverse weather conditions¹
 Failure of irrigation water supply²
 Fire
 Harvest price is 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 applications of control measures.

Insurance Period

Coverage begins when the crop is planted and ends at

the earliest of: (1) total destruction of the crop, (2) harvest of the crop, (3) abandonment of the crop, (4) final adjustment of a loss, (5) December 10 following planting.

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 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.
- You must also give notice before harvesting for silage any acreage that was insured as grain.

Important Dates

Sales Closing March 15, 2005

Note: Final planting and acreage reporting dates vary by county. Consult a crop insurance professional for specific dates in your county.

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 December 2005 Chicago Board of Trade (CBOT) futures contracts average daily price during February 2005.

Coverage Level—You select a level of protection from 50 to 75 percent of your average APH yield.

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

Example: 100 bushels per acre X \$2.80 X .65 = \$182 per acre minimum guarantee

Harvest Price — The price (around harvest time) used to determine calculated revenue and the harvest guarantee is based on the October average daily price of CBOT December 2005 futures contracts.

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

Example: 100 bushels per acre X \$2.20 X .65 = \$143 per acre harvest guarantee

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

Example: 50 bushels per acre produced X \$2.20 = \$110 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: \$182 - \$110 = \$72 per acre indemnity

Price Elections

YEAR	BASE PRICE	HARVEST PRICE
2005	2.32	*
2004	2.83	2.05
2003	2.42	2.26

*Available in early November 2005.

Price elections will be posted on the RMA website at:

<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 100 bushels per acre, base price of \$2.80, harvest price of \$2.20, basic units, 65-percent coverage level.

100	Bushels per acre average APH yield
x .65	Coverage level
65	Bushels per acre guarantee basis
x 2.80	Base price per bushel
\$182	Minimum guarantee per acre

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

Harvest guarantee per acre = \$143
(65 bushels per acre X \$2.20 harvest price)

\$182	Final guarantee per acre (higher of minimum or harvest guarantee)
- 110	Calculated revenue (50 bushels per acre produced X \$2.20 harvest price)
72	Indemnity per acre
- 6	Estimated premium per acre
\$66	Net indemnity per acre

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