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GRP and GRIP Payments: Preliminary 2005 Estimates and Historical GRIP Payments

The Illinois Agricultural Statistical Service (IASS) recently released yields that will be used to calculate payments on Group insurance products. This publication contains tables of information that can be used to estimate 2005 payments for corn and soybeans in all Illinois counties. In addition, historical payments on Group Risk Income Plan (GRIP) insurance policies are provided.

2005 Estimated Payments on Group Corn Policies

Tables 1a and 1b shows information for corn:

- Expected yield – this is the yield used to calculate guarantees for 2005 policies. For Adams County, the expected yield is 154.8 bu. (see Table 1a).
- Actual yield – this is the 2005 yield for the county. The actual yield for Adams County is 126.0 bu. For insurance purposes, a county's actual yield equals total production divided by planted acres. IASS reports a yield equal to total production divided by harvested acres. This yield often is reported in the popular press. It, however, is not the yield used to calculate Group insurance payments.
- GRP shortfalls – These are the shortfalls for Group Risk Plan (GRP), the county yield insurance. Shortfalls are reported for coverage levels from 90% down to 75%. GRP could also be purchased at a 70% coverage level. The 70% shortfalls are not reported in Tables 1a and 1b as they are all zero. For Adams County, the shortfall given a 90% coverage level is .0956 (see Table 1a). The insurance payment equals shortfall times the dollar protection level. The dollar protection level equals:

$$\text{Expected yield} \times \$2.35 \times 1.5 \times \text{protection level percent}$$

where the protection level percent is chosen by the farmer from 60% up to 100%. For Adams County, a farmer choosing a 100% protection level will have a dollar protection of \$545.67 (154.8 x 2.35 x 1.5 x 1). In 2005, the 100% protection level is estimate to have a \$52 payment (.0956 shortfall x \$545.67 protection level). Lower coverage levels result in lower payments.

- GRIP shortfalls – These are the shortfalls for Group Risk Income Plan (GRIP), the county revenue insurance. GRIP has two options: GRIP with the harvest revenue option (GRIP-HR) allows the guarantee to increase when the harvest price is greater than the expected price) and GRIP without the harvest revenue option (GRIP-NoHR) does not allow the guarantee to increase. Both options have the same shortfalls in 2005 because the harvest price is below the expected price. For Adams County, the shortfall given a 90% coverage level is .2666 (see Table 1a). The payment equals the shortfall time the dollar protection level which equals:

Expected yield x \$2.38 x 1.5 x protection level percent

where the protection level percent is chosen by the farmer from 60% up to 100%. For Adams County, a farmer choosing a 100% protection level will have a dollar protection of \$552.64 (154.8 expected yield x 2.38 x 1.5 x 1). In 2005, the 100% protection level yields an estimated payment of \$147 payment (.2666 shortfall x \$552.64 protection level). Lower protection levels result in lower payments.

GRP at the 90% coverage level is estimated to have payments in 35% of Illinois counties in 2005. At a 90% coverage level and a 100% protection level, the average payment for GRP across all Illinois counties is \$13.84 while the average premium for these policies is \$8.20 per acre.

GRIP at the 90% coverage level is estimate to make payments in 88% of Illinois counties in 2005. At a 90% coverage level and a 100% protection level, the average payment for GRIP across all Illinois counties is \$75 per acre. The average premium for these policies was \$13.00 for GRIP-NoHR and \$19.49 for GRIP-HR.

2005 Estimated Payments on Group Soybean Policies

Tables 2a and 2b have formats similar to Tables 1a and 1b. Tables 2 give information for soybeans.

GRP payments can be calculated by multiplying the GRP shortfall by the dollar protection level. For Boone County at the 90% coverage level, the GRP shortfall is .0939 (see Table 2a). The dollar protection level is

Expected yield x \$5.45 x 1.5 x protection level percent

where the protection level percent is chosen by the farmer from 60% up to 100%. For Boone County, a farmer choosing a 100% protection level will have a dollar protection of \$358.88 (43.9 expected yield x \$5.45 x 1.5 x 1). In 2005, the 100% protection level results in a \$34 payment (.0939 shortfall x \$358.88 dollar protection level). Lower protection levels result in lower payments.

GRIP payments will not vary whether the GRIP-NoHR or GRIP-HR option was selected as harvest price was below the base price. GRIP payments equal the GRIP shortfall times the dollar protection level. For Boone County at the 90% coverage level, the GRP shortfall is .1302 (see Table 2a). The dollar protection level is:

Expected yield x \$5.99 x 1.5 x protection level percent

where the protection level percent is chosen by the farmer from 60% up to 100%. For Boone County, a farmer choosing a 100% protection level will have a dollar protection of \$394.44 (43.9 expected yield x \$5.99 x 1.5 x 1). In 2005, the 100% protection level results in a \$51 payment (.1302 shortfall x \$394.44 dollar protection level). Lower protection levels result in lower payments.

GRP at the 90% coverage level made payments in 4% of the Illinois Counties. At a 90% coverage level and a 100% protection level, the average payments across all Illinois counties was \$.45 per acre while the average premium was \$4.27.

GRIP at the 90% coverage level is estimated to make payments in 8% of Illinois counties in 2005. At a 90% coverage level and a 100% protection level, the average payments across Illinois counties is \$1.55 while the average premium is \$10.13 for GRIP-NoHR and \$13.15 for GRIP-HR.

Historical GRIP-NoHR Payments for Corn

GRIP-NoHR came into existence in 1999. Tables 3a and 3b show corn payments from GRIP-NoHR for all counties in Illinois for policies at the 90% coverage level and 100% protection level. Also shown are average payments over the 7 years as well as the estimated premium for a 2006 policy. Information in the table is illustrated for Adams County. A GRIP-HoHR policy at a 90% coverage level would have made a \$68 payment in 1999, \$13 payment in 2004, and \$147 payment in 2005 (see Table 3a). The average payment from 1999 through 2005 is \$33 per acre and the 2006 premium for a 90% product at a 100% protection level is \$15.97 per acre.

The average GRIP-NoHR payment from 1999 through 2005 across all Illinois counties was \$33. The average 2006 farmer-paid premium across all counties is \$15.30. In another analysis, we simulated GRIP-NoHR payments from 1972 through 2005 using historical data updated to current conditions (see Group Risk Calculators under Excel spreadsheets tools in the crop insurance section of *farmdoc*). Simulated results show qualitatively the same results as actual historical results: GRIP-NoHR average payments exceed farmer-paid premium.

GRIP-HR is an alternative that allows it guarantee to increase if harvest prices are above expected prices. GRIP-HR became available in 2004. The harvest price has not been above the expected price in either 2004 or 2005. Hence, payments from GRIP-HR are the same as GRIP-NoHR in 2004 and 2005. Over the entire time period, harvest price exceeded the base price only in 2002. In 2002, GRIP-NoHR at the 90% coverage level and maximum protection level had average payments of \$28 across all Illinois counties. GRIP-HR would have averaged payments of \$40 per acre, \$12 more than GRIP-NoHR.

Historical GRIP-NoHR Payments for Soybeans

Tables 4a and 4b show soybean payments from GRIP-NoHR for all counties in Illinois for policies at the 90% coverage level and 100% protection level for soybeans. Tables 4a and 4b have a similar format to those showing results for corn (Tables 3a and 3b).

The average GRIP-NoHR payment from 1999 through 2005 across all Illinois counties was \$11. The average 2006 farmer-paid premium across all counties is \$11.35. GRIP-NoHR has roughly the same payments from 1999 through 2006 as the 2006 premium. In another analysis, we simulated GRIP-NoHR payments from 1972 through 2005 using historical data updated to current conditions (see Group Risk Calculators under Excel tools in the crop insurance section of *farmdoc*). Simulated results suggest that GRIP-NoHR payments will exceed farmer-paid premium. The period from 1999 through 2005 has been one of stable yields for soybeans. The simulated results included years with larger yield losses, resulting in higher average insurance payments than the actual payments from 1999 through 2005. In comparison to corn, soybean policies had lower payments relative to farmer-paid premiums than did corn policies in both simulated and historical results.

GRIP-HR has been available since 2004. GRIP-HR payments would differ from GRIP-NoHR in years in which harvest prices exceeded expected prices. For soybeans, harvest prices exceed expected prices in 2002 and 2003. In 2002, GRIP-NoHR at a 90% coverage level and maximum protection averaged \$4 per acre across all Illinois counties. GRIP-HR would have averaged \$15 per acre in payments, \$11 more than GRIP-NoHR. In 2003, GRIP-NoHR at a 90% coverage level and maximum protection level averaged \$4 in payments across all Illinois counties. GRIP-HR would have averaged \$52 per acre, \$48 per acre more than GRIP-NoHR.

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Table 1a. Preliminary GRP and GRIP Shortfalls, Corn, Illinois Counties, 2005.

County	Exp Yield ¹	Actual Yield ²	GRP Shortfall ³				GRIP Shortfall ³				
			90%	85%	80%	75%	90%	85%	80%	75%	70%
Adams	154.8	126.0	0.0956	0.0424	0	0	0.2666	0.2235	0.1749	0.1199	0.0571
Bond	125.4	111.7	0.0103	0	0	0	0.1974	0.1502	0.0971	0.0369	0
Boone	142.1	113.5	0.1125	0.0603	0.0016	0	0.2803	0.2380	0.1904	0.1364	0.0747
Brown	148.0	131.5	0.0128	0	0	0	0.1994	0.1523	0.0994	0.0393	0
Bureau	158.6	134.9	0.0549	0	0	0	0.2336	0.1885	0.1378	0.0803	0.0146
Calhoun	133.4	131.6	0	0	0	0	0.1111	0.0588	0	0	0
Carroll	161.9	160.1	0	0	0	0	0.1090	0.0566	0	0	0
Cass	161.4	138.3	0.0479	0	0	0	0.2279	0.1825	0.1314	0.0735	0.0073
Champaign	153.2	163.2	0	0	0	0	0.0402	0	0	0	0
Christian	167.3	180.1	0	0	0	0	0.0300	0	0	0	0
Clark	145.4	141.2	0	0	0	0	0.1250	0.0735	0.0156	0	0
Clay	112.6	114.9	0	0	0	0	0.0806	0.0265	0	0	0
Clinton	121.7	124.0	0	0	0	0	0.0819	0.0279	0	0	0
Coles	159.0	148.4	0	0	0	0	0.1590	0.1096	0.0539	0	0
Crawford	128.9	131.8	0	0	0	0	0.0787	0.0245	0	0	0
Cumberland	141.1	134.4	0	0	0	0	0.1418	0.0913	0.0345	0	0
De Kalb	157.6	144.3	0	0	0	0	0.1750	0.1265	0.0719	0.0100	0
De Witt	160.3	161.3	0	0	0	0	0.0934	0.0400	0	0	0
Douglas	149.8	151.9	0	0	0	0	0.0863	0.0326	0	0	0
Edgar	154.1	159.2	0	0	0	0	0.0692	0.0144	0	0	0
Edwards	120.5	113.4	0	0	0	0	0.1521	0.1022	0.0461	0	0
Effingham	128.4	115.5	0.0005	0	0	0	0.1895	0.1418	0.0882	0.0274	0
Fayette	127.0	114.7	0	0	0	0	0.1862	0.1384	0.0845	0.0235	0
Ford	150.9	157.3	0	0	0	0	0.0608	0.0055	0	0	0
Franklin	98.3	115.8	0	0	0	0	0	0	0	0	0
Fulton	154.6	128.0	0.0801	0.0259	0	0	0.254	0.2101	0.1608	0.1048	0.0409
Gallatin	134.8	144.4	0	0	0	0	0.0348	0	0	0	0
Greene	153.3	134.4	0.0259	0	0	0	0.2101	0.1636	0.1113	0.0521	0
Grundy	148.6	121.2	0.0938	0.0405	0	0	0.2651	0.2219	0.1733	0.1181	0.0551
Hamilton	113.9	133.4	0	0	0	0	0	0	0	0	0
Hancock	149.5	140.5	0	0	0	0	0.1532	0.1034	0.0474	0	0
Henderson	152.9	150.7	0	0	0	0	0.1119	0.0597	0.0009	0	0
Henry	152.8	125.0	0.091	0.0376	0	0	0.2629	0.2195	0.1708	0.1155	0.0523
Iroquois	148.5	166.0	0	0	0	0	0	0	0	0	0
Jackson	113.3	137.9	0	0	0	0	0	0	0	0	0
Jasper	128.3	118.0	0	0	0	0	0.1713	0.1226	0.0677	0.0056	0
Jefferson	100.9	120.6	0	0	0	0	0	0	0	0	0
Jersey	149.6	134.7	0	0	0	0	0.1887	0.141	0.0873	0.0265	0
Jo Daviess	142.8	152.0	0	0	0	0	0.0409	0	0	0	0
Kane	153.3	118.4	0.1418	0.0914	0.0346	0	0.3041	0.2632	0.2171	0.1649	0.1053
Kankakee	139.8	136.4	0	0	0	0	0.1209	0.0692	0.0110	0	0
Kendall	145.0	108.4	0.1693	0.1205	0.0655	0.0032	0.3264	0.2868	0.2422	0.1917	0.1339
Knox	158.8	120.9	0.1541	0.1043	0.0483	0	0.314	0.2737	0.2283	0.1768	0.1180
Lake	103.2	83.3	0.1031	0.0504	0	0	0.2727	0.2299	0.1818	0.1273	0.0649
La Salle	151.5	137.9	0	0	0	0	0.1799	0.1316	0.0773	0.0158	0
Lawrence	124.7	134.2	0	0	0	0	0.0303	0	0	0	0
Lee	158.4	140.7	0.013	0	0	0	0.1997	0.1526	0.0996	0.0396	0

¹ Expected yield for 2005. ² Based on February report, yields are preliminary.

³ Shortfalls are estimates only, actual shortfalls may vary from those shown.

Table 1b. Preliminary GRP and GRIP Shortfalls, Corn, Illinois Counties, 2005.

County	Exp Yield ¹	Actual Yield ²	GRP Shortfall ³				GRIP Shortfall ³				
			90%	85%	80%	75%	90%	85%	80%	75%	70%
Livingston	146.7	144.2	0	0	0	0	0.1143	0.0622	0.0036	0	0
Logan	165.2	143.1	0.0375	0	0	0	0.2195	0.1736	0.1219	0.0634	0
McDonough	162.2	158.6	0	0	0	0	0.1190	0.0671	0.0088	0	0
McHenry	136.9	113.7	0.0772	0.0229	0	0	0.2517	0.2076	0.1581	0.1020	0.0379
McLean	159.1	159.4	0	0	0	0	0.0973	0.0442	0	0	0
Macon	170.4	174.2	0	0	0	0	0.0789	0.0247	0	0	0
Macoupin	155.8	150.7	0	0	0	0	0.1285	0.0772	0.0195	0	0
Madison	144.3	133.8	0	0	0	0	0.1645	0.1154	0.0601	0	0
Marion	115.3	127.7	0	0	0	0	0.0021	0	0	0	0
Marshall	154.4	141.1	0	0	0	0	0.1766	0.1282	0.0737	0.0119	0
Mason	150.7	121.0	0.1079	0.0554	0	0	0.2765	0.23	0.1861	0.1319	0.0698
Massac	109.3	137.3	0	0	0	0	0	0	0	0	0
Menard	166.0	130.5	0.1265	0.0751	0.0173	0	0.2917	0.25	0.2031	0.1500	0.0893
Mercer	150.1	153.9	0	0	0	0	0.0762	0.0218	0	0	0
Monroe	123.9	125.6	0	0	0	0	0.0866	0.0329	0	0	0
Montgomery	152.9	157.7	0	0	0	0	0.0707	0.016	0	0	0
Morgan	164.6	144.6	0.0239	0	0	0	0.2085	0.1619	0.1095	0.0501	0
Moultrie	160.3	170.8	0	0	0	0	0.0400	0	0	0	0
Ogle	155.2	135.7	0.0285	0	0	0	0.2122	0.1658	0.1137	0.0546	0
Peoria	162.3	117.9	0.1929	0.1454	0.092	0.0314	0.3455	0.3070	0.2636	0.2146	0.1585
Perry	93.6	116.7	0	0	0	0	0	0	0	0	0
Piatt	163.7	168.6	0	0	0	0	0.0720	0.0174	0	0	0
Pike	156.2	135.7	0.0347	0	0	0	0.2172	0.1712	0.1194	0.0607	0
Putnam	161.8	136.0	0.0661	0.0111	0	0	0.2426	0.1981	0.148	0.0912	0.0263
Randolph	104.8	118.2	0	0	0	0	0	0	0	0	0
Richland	111.8	107.7	0	0	0	0	0.1320	0.0810	0.0235	0	0
Rock Island	156.7	138.9	0.0151	0	0	0	0.2013	0.1543	0.1015	0.0416	0
St. Clair	136.1	145.4	0	0	0	0	0.0374	0	0	0	0
Saline	112.5	138.4	0	0	0	0	0	0	0	0	0
Sangamon	170.1	168.3	0	0	0	0	0.1085	0.0561	0	0	0
Schuyler	159.1	134.0	0.0642	0.0091	0	0	0.2411	0.1965	0.1463	0.0893	0.0243
Scott	154.7	128.3	0.0785	0.0243	0	0	0.2527	0.2088	0.1593	0.1033	0.0392
Shelby	143.9	147.5	0	0	0	0	0.0764	0.0221	0	0	0
Stark	164.4	122.2	0.1741	0.1255	0.0709	0.0089	0.3303	0.2909	0.2465	0.1963	0.1389
Stephenson	145.4	139.4	0	0	0	0	0.1362	0.0853	0.0282	0	0
Tazewell	160.6	140.9	0.0252	0	0	0	0.2095	0.163	0.1107	0.0514	0
Vermilion	147.3	164.0	0	0	0	0	0	0	0	0	0
Wabash	128.3	136.3	0	0	0	0	0.0428	0	0	0	0
Warren	159.6	156.1	0	0	0	0	0.1187	0.0669	0.0086	0	0
Washington	113.4	123.1	0	0	0	0	0.0219	0	0	0	0
Wayne	114.1	123.2	0	0	0	0	0.0271	0	0	0	0
White	131.7	129.5	0	0	0	0	0.1140	0.0619	0.0033	0	0
Whiteside	151.3	124.5	0.0857	0.0319	0	0	0.2586	0.215	0.1659	0.1103	0.0467
Will	138.2	120.6	0.0304	0	0	0	0.2137	0.1675	0.1154	0.0565	0
Williamson	102.8	137.3	0	0	0	0	0	0	0	0	0
Winnebago	135.2	125.7	0	0	0	0	0.1623	0.113	0.0576	0	0
Woodford	165.5	143.0	0.0399	0	0	0	0.2215	0.1757	0.1242	0.0658	0

¹ Expected yield for 2005. ² Based on February report, yields are preliminary.³ Shortfalls are estimates only, actual shortfalls may vary from those shown.

Table 2a. Preliminary GRP and GRIP Shortfalls, Soybeans, Illinois Counties, 2005.

County	Exp Yield ¹	Actual Yield ²	GRP Shortfall ³				GRIP Shortfall ³					
			90%	85%	80%	75%	90%	85%	80%	75%	70%	
Adams	44.6	43.8	0	0	0	0	0	0	0	0	0	0
Alexander	33.7	40.9	0	0	0	0	0	0	0	0	0	0
Bond	35.0	37.8	0	0	0	0	0	0	0	0	0	0
Boone	43.9	35.8	0.0939	0.0406	0	0	0.1302	0.079	0.0215	0	0	0
Brown	45.4	44.8	0	0	0	0	0	0	0	0	0	0
Bureau	47.9	47.7	0	0	0	0	0	0	0	0	0	0
Calhoun	41.2	40.8	0	0	0	0	0	0	0	0	0	0
Carroll	54.2	56.8	0	0	0	0	0	0	0	0	0	0
Cass	45.8	45.6	0	0	0	0	0	0	0	0	0	0
Champaign	48.4	53.8	0	0	0	0	0	0	0	0	0	0
Christian	48.8	52.8	0	0	0	0	0	0	0	0	0	0
Clark	41.7	48.8	0	0	0	0	0	0	0	0	0	0
Clay	35.3	40.9	0	0	0	0	0	0	0	0	0	0
Clinton	38.0	41.7	0	0	0	0	0	0	0	0	0	0
Coles	46.7	51.8	0	0	0	0	0	0	0	0	0	0
Crawford	40.0	45.8	0	0	0	0	0	0	0	0	0	0
Cumberland	41.0	45.8	0	0	0	0	0	0	0	0	0	0
De Kalb	48.9	44.6	0	0	0	0	0.0272	0	0	0	0	0
De Witt	49.0	55.8	0	0	0	0	0	0	0	0	0	0
Douglas	48.1	51.8	0	0	0	0	0	0	0	0	0	0
Edgar	46.6	52.8	0	0	0	0	0	0	0	0	0	0
Edwards	37.9	43.9	0	0	0	0	0	0	0	0	0	0
Effingham	39.1	39.8	0	0	0	0	0	0	0	0	0	0
Fayette	36.7	39.8	0	0	0	0	0	0	0	0	0	0
Ford	44.5	49.8	0	0	0	0	0	0	0	0	0	0
Franklin	32.7	42.8	0	0	0	0	0	0	0	0	0	0
Fulton	46.1	45.8	0	0	0	0	0	0	0	0	0	0
Gallatin	38.3	46.8	0	0	0	0	0	0	0	0	0	0
Greene	45.7	42.8	0	0	0	0	0.0011	0	0	0	0	0
Grundy	43.5	45.8	0	0	0	0	0	0	0	0	0	0
Hamilton	35.7	44.8	0	0	0	0	0	0	0	0	0	0
Hancock	46.1	46.8	0	0	0	0	0	0	0	0	0	0
Henderson	49.2	46.8	0	0	0	0	0	0	0	0	0	0
Henry	48.4	45.8	0	0	0	0	0	0	0	0	0	0
Iroquois	45.3	50.8	0	0	0	0	0	0	0	0	0	0
Jackson	34.2	42.8	0	0	0	0	0	0	0	0	0	0
Jasper	40.6	43.8	0	0	0	0	0	0	0	0	0	0
Jefferson	33.4	40.7	0	0	0	0	0	0	0	0	0	0
Jersey	44.1	41.8	0	0	0	0	0	0	0	0	0	0
Jo Daviess	51.3	52.7	0	0	0	0	0	0	0	0	0	0
Johnson	37.0	38.7	0	0	0	0	0	0	0	0	0	0
Kane	43.4	41.8	0	0	0	0	0	0	0	0	0	0
Kankakee	42.0	43.7	0	0	0	0	0	0	0	0	0	0
Kendall	45.1	41.8	0	0	0	0	0.0115	0	0	0	0	0
Knox	50.4	45.8	0	0	0	0	0.0308	0	0	0	0	0
Lake	29.5	29.7	0	0	0	0	0	0	0	0	0	0
La Salle	44.2	47.8	0	0	0	0	0	0	0	0	0	0
Lawrence	40.6	44.8	0	0	0	0	0	0	0	0	0	0
Lee	48.1	46.7	0	0	0	0	0	0	0	0	0	0

¹ Expected yield for 2005. ² Based on February report, yields are preliminary.

³ Shortfalls are estimates only, actual shortfalls may vary from those shown.

Table 2b. Preliminary GRP and GRIP Shortfalls, Soybean, Illinois Counties, 2005.

County	Exp Yield ¹	Actual Yield ²	GRP Shortfall ³				GRIP Shortfall ³				
			90%	85%	80%	75%	90%	85%	80%	75%	70%
Livingston	43.5	49.8	0	0	0	0	0	0	0	0	0
Logan	49.3	52.8	0	0	0	0	0	0	0	0	0
McDonough	49.6	49.8	0	0	0	0	0	0	0	0	0
McHenry	38.9	36.8	0	0	0	0	0	0	0	0	0
McLean	48.6	53.6	0	0	0	0	0	0	0	0	0
Macon	49.2	53.8	0	0	0	0	0	0	0	0	0
Macoupin	44.8	42.7	0	0	0	0	0	0	0	0	0
Madison	40.0	40.8	0	0	0	0	0	0	0	0	0
Marion	34.7	43.7	0	0	0	0	0	0	0	0	0
Marshall	46.3	49.8	0	0	0	0	0	0	0	0	0
Mason	43.7	38.7	0.016	0	0	0	0.0554	0	0	0	0
Massac	33.9	39.6	0	0	0	0	0	0	0	0	0
Menard	47.5	45.8	0	0	0	0	0	0	0	0	0
Mercer	49.3	50.8	0	0	0	0	0	0	0	0	0
Monroe	35.8	39.8	0	0	0	0	0	0	0	0	0
Montgomery	42.5	44.8	0	0	0	0	0	0	0	0	0
Morgan	49.3	48.7	0	0	0	0	0	0	0	0	0
Moultrie	47.0	53.9	0	0	0	0	0	0	0	0	0
Ogle	47.2	45.7	0	0	0	0	0	0	0	0	0
Peoria	49.2	44.2	0.0018	0	0	0	0.0418	0	0	0	0
Perry	30.3	41.8	0	0	0	0	0	0	0	0	0
Piatt	50.9	55.8	0	0	0	0	0	0	0	0	0
Pike	43.2	44.6	0	0	0	0	0	0	0	0	0
Pulaski	35.4	43.9	0	0	0	0	0	0	0	0	0
Putnam	48.4	48.8	0	0	0	0	0	0	0	0	0
Randolph	31.9	41.7	0	0	0	0	0	0	0	0	0
Richland	37.3	38.8	0	0	0	0	0	0	0	0	0
Rock Island	49.0	43.7	0.0091	0	0	0	0.0488	0	0	0	0
St. Clair	37.3	43.8	0	0	0	0	0	0	0	0	0
Saline	37.2	46.8	0	0	0	0	0	0	0	0	0
Sangamon	49.7	52.8	0	0	0	0	0	0	0	0	0
Schuyler	45.6	44.8	0	0	0	0	0	0	0	0	0
Scott	44.5	46.8	0	0	0	0	0	0	0	0	0
Shelby	41.7	44.8	0	0	0	0	0	0	0	0	0
Stark	50.9	46.8	0	0	0	0	0.0193	0	0	0	0
Stephenson	47.6	49.8	0	0	0	0	0	0	0	0	0
Tazewell	50.6	52.5	0	0	0	0	0	0	0	0	0
Union	35.4	42.7	0	0	0	0	0	0	0	0	0
Vermilion	46.0	50.8	0	0	0	0	0	0	0	0	0
Wabash	38.9	43.8	0	0	0	0	0	0	0	0	0
Warren	51.9	50.8	0	0	0	0	0	0	0	0	0
Washington	33.1	40.8	0	0	0	0	0	0	0	0	0
Wayne	34.8	42.8	0	0	0	0	0	0	0	0	0
White	36.1	45.8	0	0	0	0	0	0	0	0	0
Whiteside	48.6	46.8	0	0	0	0	0	0	0	0	0
Will	42.3	43.8	0	0	0	0	0	0	0	0	0
Williamson	32.5	41.8	0	0	0	0	0	0	0	0	0
Winnebago	40.2	42.7	0	0	0	0	0	0	0	0	0
Woodford	49.6	50.8	0	0	0	0	0	0	0	0	0

¹ Expected yield for 2005. ² Based on February report, yields are preliminary.

³ Shortfalls are estimates only, actual shortfalls may vary from those shown.

Table 3a. GRIP-NoHR Payments from 1999 through 2005 given a 90% Coverage Level and Maximum Protection Level, Corn, Illinois, 1999 through 2005.

County	Payments Per Acre by Year ¹								2006 Premium ²
	1999	2000	2001	2002	2003	2004	2005	Avg	
Adams	\$68	\$0	\$0	\$0	\$0	\$13	\$147	\$33	\$15.97
Bond	118	0	22	47	0	0	88	39	16.47
Boone	0	0	18	0	0	46	142	29	15.25
Brown	52	0	0	0	0	16	105	25	15.24
Bureau	77	25	0	0	0	72	132	44	15.77
Calhoun	102	48	11	59	0	0	53	39	14.11
Carroll	0	14	0	0	0	81	63	23	16.62
Cass	35	0	0	0	0	37	131	29	14.84
Champaign	0	34	18	0	0	58	22	19	15.40
Christian	102	0	20	0	0	92	18	33	15.33
Clark	147	13	0	0	0	27	65	36	16.31
Clay	36	0	0	72	0	0	32	20	17.43
Clinton	60	0	0	0	0	0	36	14	15.14
Coles	92	0	0	0	0	80	90	37	14.67
Crawford	95	1	0	24	0	0	36	22	14.50
Cumberland	148	10	0	0	0	47	71	39	14.76
De Kalb	0	0	52	0	0	72	98	32	14.91
De Witt	2	14	35	10	0	92	53	29	15.40
Douglas	67	33	0	0	0	37	46	26	14.22
Edgar	41	57	1	0	0	43	38	26	14.47
Edwards	75	30	19	113	68	0	65	53	14.52
Effingham	135	0	0	32	0	0	87	36	16.82
Fayette	64	0	0	85	0	0	84	33	16.33
Ford	0	26	10	0	0	35	33	15	17.65
Franklin	119	0	0	148	61	0	0	47	15.66
Fulton	0	0	0	0	0	32	140	25	15.56
Gallatin	111	0	0	112	0	56	17	42	15.25
Greene	110	0	15	10	0	60	115	44	14.40
Grundy	78	11	37	0	0	69	141	48	16.60
Hamilton	58	0	0	139	88	0	0	41	16.77
Hancock	38	0	0	0	0	9	82	18	17.29
Henderson	24	28	0	0	0	54	61	24	15.52
Henry	36	6	0	0	0	44	143	33	15.72
Iroquois	0	0	0	0	0	41	0	6	16.18
Jackson	98	0	0	49	0	0	0	21	13.09
Jasper	135	0	0	22	0	0	78	34	15.74
Jefferson	48	0	0	60	53	0	0	23	13.77
Jersey	87	0	30	52	0	53	101	46	14.59
Jo Daviess	0	0	10	0	0	93	21	18	16.28
Kane	25	21	101	17	0	64	166	56	14.64
Kankakee	28	0	15	0	0	12	60	16	16.22
Kendall	42	0	61	31	0	15	169	45	14.77
Knox	3	0	0	0	0	53	178	33	17.21
Lake	55	39	0	20	0	0	100	31	11.77
La Salle	61	17	3	0	0	63	97	34	14.41
Lawrence	26	0	0	13	0	0	13	7	14.03
Lee	40	26	10	0	0	89	113	40	14.74

¹ Payments for 1999 through 2004 are from the RMA, 2005 payments are estimated.

² 2006 premiums are estimated for GRIP-NoHR at 90% coverage level, max. protection level.

Table 3b. GRIP-NoHR Payments from 1999 through 2005 given a 90% Coverage Level and Maximum Protection Level, Corn, Illinois, 1999 through 2005.

County	Payments Per Acre by Year ¹								2006
	1999	2000	2001	2002	2003	2004	2005	Avg	Premium ²
Livingston	52	5	9	\$0	0	20	60	21	\$17.50
Logan	72	46	66	0	0	89	129	57	17.10
McDonough	17	0	0	0	0	47	69	19	15.81
McHenry	15	0	48	76	0	71	123	48	13.10
McLean	17	25	25	0	0	81	55	29	16.29
Macon	45	24	33	46	0	104	48	43	16.45
Macoupin	130	0	28	0	0	53	71	40	15.20
Madison	96	0	0	0	0	84	85	38	13.96
Marion	0	0	0	31	23	0	1	8	15.77
Marshall	18	0	0	0	0	61	97	25	15.54
Mason	17	0	71	0	0	54	149	42	14.60
Massac	59	0	0	98	0	37	0	28	14.55
Menard	17	0	61	0	0	61	173	45	16.45
Mercer	0	0	0	0	0	44	41	12	16.70
Monroe	38	0	0	103	0	0	38	26	12.52
Montgomery	172	0	15	1	0	59	39	41	15.62
Morgan	100	16	29	0	0	41	122	44	15.46
Moultrie	108	0	0	12	0	110	23	36	14.54
Ogle	0	0	39	0	0	78	118	34	14.55
Peoria	0	6	0	0	0	51	200	37	16.87
Perry	123	0	0	102	35	0	0	37	12.17
Piatt	21	21	6	41	0	72	42	29	15.53
Pike	85	0	0	0	0	53	121	37	13.95
Putnam	44	12	0	0	0	79	140	39	15.67
Randolph	46	0	0	121	17	0	0	26	12.32
Richland	73	0	0	31	0	0	53	22	15.54
Rock Island	10	5	2	0	0	65	113	28	15.31
St. Clair	82	2	0	77	0	47	18	32	13.72
Saline	99	2	0	140	0	0	0	34	16.38
Sangamon	136	30	47	0	0	94	66	53	15.70
Schuyler	75	0	0	0	0	12	137	32	16.43
Scott	141	0	28	0	0	6	140	45	14.73
Shelby	104	0	24	32	0	46	39	35	13.85
Stark	46	32	11	0	0	88	194	53	17.10
Stephenson	0	0	25	0	0	33	71	18	15.24
Tazewell	33	2	40	0	0	70	120	38	15.88
Vermilion	0	47	0	0	0	85	0	19	14.46
Wabash	50	0	0	72	23	40	20	29	13.68
Warren	0	14	0	0	0	55	68	20	17.37
Washington	53	0	0	112	0	11	9	26	15.12
Wayne	25	0	0	97	0	0	11	19	16.69
White	88	7	0	136	0	72	54	51	15.21
Whiteside	21	32	33	0	0	47	140	39	15.69
Will	30	0	67	13	0	41	105	37	16.15
Williamson	144	16	0	147	0	68	0	54	12.78
Winnebago	0	20	99	0	0	30	78	32	14.32
Woodford	49	1	0	0	0	95	131	39	16.54

¹ Payments for 1999 through 2004 are from the RMA, 2005 payments are estimated.

² 2006 premiums are estimated for GRIP-NoHR at 90% coverage level, max. protection level.

Table 4a. GRIP-NoHR Payments from 1999 through 2005 given a 90% Coverage Level and Maximum Protection Level, Soybeans, Illinois, 1999 through 2005.

County	Payments Per Acre by Year ¹							Avg	2006
	1999	2000	2001	2002	2003	2004	2005		Premium ²
Adams	\$5	\$0	\$0	\$0	\$0	\$28	\$0	\$5	\$11.15
Alexander	44	0	0	0	0	0	0	6	8.79
Bond	0	0	0	0	0	0	0	0	10.01
Boone	0	67	0	0	35	55	51	30	10.53
Brown	0	0	0	0	0	76	0	11	12.76
Bureau	0	6	0	0	0	90	0	14	12.89
Calhoun	0	0	0	0	0	0	0	0	12.78
Carroll	0	25	0	0	3	109	0	19	13.59
Cass	0	6	0	0	0	70	0	11	12.41
Champaign	0	14	0	0	0	70	0	12	12.64
Christian	0	0	0	0	0	72	0	10	12.14
Clark	29	0	0	0	0	15	0	6	10.58
Clay	0	0	0	34	0	4	0	5	10.37
Clinton	0	0	0	0	0	0	0	0	10.44
Coles	0	0	0	0	0	31	0	4	11.54
Crawford	0	0	0	0	0	12	0	2	10.30
Cumberland	11	0	0	0	0	4	0	2	10.21
De Kalb	0	41	8	0	0	94	12	22	12.87
De Witt	0	7	0	0	0	84	0	13	13.61
Douglas	0	0	0	0	0	53	0	8	11.92
Edgar	0	1	0	0	0	28	0	4	13.06
Edwards	47	0	0	17	0	0	0	9	9.38
Effingham	0	0	0	0	0	0	0	0	10.87
Fayette	0	0	0	0	0	0	0	0	9.89
Ford	0	38	0	0	0	74	0	16	11.58
Franklin	98	13	0	41	0	0	0	22	9.24
Fulton	0	10	0	0	0	34	0	6	12.19
Gallatin	85	1	0	16	0	66	0	24	9.72
Greene	0	0	0	0	0	42	0	6	12.73
Grundy	0	9	0	0	0	58	0	10	11.28
Hamilton	71	21	0	0	0	6	0	14	9.49
Hancock	6	0	0	0	0	28	0	5	11.41
Henderson	0	26	0	0	0	103	0	19	13.37
Henry	0	6	0	0	0	83	0	13	12.61
Iroquois	0	5	0	0	0	81	0	12	11.58
Jackson	0	0	0	0	0	5	0	1	9.41
Jasper	25	0	0	0	0	0	0	4	10.40
Jefferson	13	0	0	18	0	19	0	7	8.47
Jersey	15	0	7	0	0	31	0	8	11.40
Jo Daviess	0	25	0	0	105	116	0	35	14.05
Kane	0	64	23	0	0	66	0	22	11.53
Kankakee	0	0	0	0	0	33	0	5	10.93
Kendall	0	41	10	0	0	29	5	12	10.83
Knox	0	22	0	0	0	78	14	16	13.74
Lake	0	70	0	0	0	62	0	19	7.28
La Salle	0	17	0	0	0	39	0	8	11.95
Lawrence	0	0	0	0	0	34	0	5	10.89
Lee	0	33	11	0	27	108	0	25	12.03

¹ Payments for 1999 through 2004 are from the RMA, 2005 payments are estimated.

² 2006 premiums are estimated for GRIP-NoHR at 90% coverage level, max. protection level.

Table 4b. GRIP-NoHR Payments from 1999 through 2005 given a 90% Coverage Level and Maximum Protection Level, Soybeans, Illinois, 1999 through 2005.

County	Payments Per Acre by Year ¹							Avg	2006 Premium ²
	1999	2000	2001	2002	2003	2004	2005		
Livingston	0	10	0	0	0	41	0	7	\$11.82
Logan	0	11	0	0	0	54	0	9	13.53
McDonough	0	21	0	0	0	80	0	14	13.74
McHenry	0	109	0	8	0	47	0	23	9.48
McLean	0	15	0	0	0	83	0	14	12.71
Macon	0	0	0	0	0	55	0	8	12.74
Macoupin	21	1	2	0	0	71	0	14	11.24
Madison	0	0	0	0	0	26	0	4	10.68
Marion	0	0	0	0	0	0	0	0	9.76
Marshall	4	22	0	0	0	65	0	13	12.09
Mason	0	0	0	0	0	55	22	11	11.06
Massac	73	0	0	24	0	36	0	19	9.30
Menard	0	29	0	0	0	66	0	14	12.85
Mercer	0	8	0	0	0	86	0	13	13.66
Monroe	0	0	0	0	0	0	0	0	9.37
Montgomery	22	0	0	0	0	23	0	6	10.31
Morgan	0	12	0	0	0	51	0	9	13.69
Moultrie	0	0	0	0	0	37	0	5	12.16
Ogle	0	54	0	0	72	100	0	32	11.88
Peoria	0	27	4	0	0	69	18	17	12.70
Perry	21	0	0	0	0	0	0	3	8.32
Piatt	0	13	4	0	0	91	0	15	13.58
Pike	12	0	0	0	0	31	0	6	12.10
Pulaski	27	16	0	0	0	4	0	7	10.87
Putnam	0	20	0	0	0	77	0	14	13.45
Randolph	0	0	0	0	0	0	0	0	8.13
Richland	20	0	0	0	0	1	0	3	10.24
Rock Island	0	33	0	0	0	91	21	21	13.15
St. Clair	0	0	0	0	0	11	0	2	10.05
Saline	48	0	0	34	0	24	0	15	9.43
Sangamon	0	10	0	0	0	71	0	11	13.41
Schuyler	0	0	0	0	0	31	0	4	11.71
Scott	27	0	5	0	0	16	0	7	12.26
Shelby	0	0	0	0	0	13	0	2	10.17
Stark	0	23	0	0	0	76	9	15	13.61
Stephenson	0	48	6	0	86	104	0	35	12.37
Tazewell	0	14	0	0	0	90	0	15	12.87
Union	37	5	0	0	0	34	0	11	8.79
Vermilion	0	0	0	0	0	47	0	7	12.15
Wabash	58	6	0	0	0	3	0	10	9.45
Warren	0	38	0	0	0	88	0	18	15.30
Washington	0	0	0	2	0	0	0	0	8.90
Wayne	0	0	0	21	0	0	0	3	8.85
White	32	0	0	52	0	0	0	12	9.04
Whiteside	0	37	4	0	0	83	0	18	12.18
Will	5	35	0	0	0	27	0	10	9.95
Williamson	1	0	0	86	0	40	0	18	9.50
Winnebago	0	64	30	0	57	93	0	35	10.59
Woodford	0	20	0	0	0	97	0	17	12.55

¹ Payments for 1999 through 2004 are from the RMA, 2005 payments are estimated.

² 2006 premiums are estimated for GRIP-NoHR at 90% coverage level, max. protection level.