

## Appendix: Additional Tables

**Table A1a.** The number of respondents by past conversion history and categories of perceived change in cropland area

Conversion from grass to crop	Perceived change in cropland area					Total
	> 10% decrease	5-10% decrease	Within 5%	5-10% increase	>10% increase	
0 (No)-Number	6	6	130	247	374	763
0 (No)-Percentage in total	0.8%	0.8%	17.0%	32.4%	49.0%	100%
1 (Yes)-Number	0	2	27	90	126	245
1 (Yes)-Percentage in total	0.0%	0.8%	11.0%	36.7%	51.4%	100%

**Table A1b.** The number of respondents by past conversion history and categories of perceived infrastructure change in corn production

Conversion from grass to crop	Perceived infrastructure change in corn production					Total
	Much worse	Somewhat worse	Stayed about the same	Somewhat better	Much better	
0 (No)-Number	9	35	237	307	169	757
0 (No)-Percentage in total	1.2%	4.6%	31.3%	40.6%	22.3%	100%
1 (Yes)-Number	2	9	53	112	69	245
1 (Yes)-Percentage in total	0.8%	3.7%	21.6%	45.7%	28.2%	100%

**Table A2.** The number of respondents by perception and intention to convert from grass to crop in the future

Perceived change in cropland area	Intention to convert from grass to crop			
	0 (No)	1 (Yes)	Total	Percent 'yes'
Within 5% or decrease	140	9	149	6.0%
Increased by 5-10%	264	24	288	8.3%
Increased by > 10%	376	49	425	11.5%
Total	780	82	862	9.5%

**Table A3.** Summary of the impact ranking of different factors in own land use decisions versus in neighborhood land use changes (The ranking ranges from 1 to 5 with 5 being “Great Impact” and 1 being “No Impact”.)

Variable	Impact on agricultural land use (own farm)			Impact on agricultural land use (local area)			
	<i>N</i>	Mean	Std. Dev.	<i>N</i>	Mean	Std. Dev.	
Markets	Changing crop prices	1,010	2.190	0.839	791	2.747	0.520
	Changing input prices	1,002	2.079	0.823	785	2.353	0.703
	Availability of crop insurance policies	1,003	1.788	0.813	784	2.125	0.796
	Labor availability problems	1,004	1.514	0.748	784	1.658	0.752
Technology	Availability of drought- tolerant seed	1,004	1.606	0.763	785	1.781	0.760
	Development in pest management practices	1,003	1.838	0.800	784	2.052	0.752
	Improved crop yields	1,006	2.114	0.795	786	2.477	0.664
	Development of efficient cropping equipment	1,006	1.941	0.833	783	2.315	0.737
Environmental	Improving wildlife habitat	1,002	1.416	0.657	781	1.329	0.578
	Changing weather/climate patterns	1,007	1.766	0.810	783	1.849	0.790

Note: All differences save one are significance at the 1% level. The difference for changing climate patterns is not significant at the 10% level.