Table 1: Cross-section Regression Models explaining Crop Revenue per Acre

	Log(Corn Rev) Cross-section	Log(Cotton Rev) Cross-section	Log(Hay Rev) Cross-section	Log(Wheat Rev) Cross-section	Log(Soybean Rev) Cross-section
	(1)	(2)	(3)	(4)	(5)
Average Temperature	12.51***	−92.66***	32.41***	−17.28***	25.97***
	(2.70)	(11.95)	(2.65)	(1.53)	(2.37)
Average Temperature Squared	−0.43***	2.25***	−0.89***	0.40***	−0.76***
	(0.08)	(0.26)	(0.08)	(0.04)	(0.07)
Precipitation	9.34***	8.33***	15.33***	14.50***	1.80**
	(1.00)	(1.53)	(1.42)	(0.62)	(0.86)
Precipitation Squared	−0.16***	−0.18***	−0.31***	−0.26***	−0.02
	(0.02)	(0.03)	(0.03)	(0.01)	(0.02)
Weights	Acres	Acres	Acres	Acres	Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	2,346	823	1,897	2,260	2,127
R^2	0.79	0.65	0.74	0.80	0.76
Adjusted R^2	0.78	0.64	0.74	0.80	0.76

Notes: All coefficients multiplied by 100

Table 2: Cross-section Regression Models explaining Crop Revenue per Acre

	Log(Corn Rev) Cross-section	Log(Cotton Rev) Cross-section	Log(Hay Rev) Cross-section	Log(Wheat Rev) Cross-section	Log(Soybean Rev) Cross-section
	(1)	(2)	(3)	(4)	(5)
Degree Days (10-30C)	0.01**	0.09***	0.03***	−0.02***	0.02***
	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
Degree Days (30C)	−0.36***	−0.37***	−0.26***	0.00	−0.43***
	(0.06)	(0.06)	(0.06)	(0.03)	(0.05)
Precipitaton	9.17***	2.08	18.05***	12.71***	5.10***
	(0.98)	(1.68)	(1.46)	(0.62)	(0.76)
Precipitation Squared	−0.17***	−0.10***	−0.38***	−0.23***	−0.10***
	(0.02)	(0.03)	(0.03)	(0.01)	(0.01)
Weights	Acres	Acres	Acres	Acres	Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	2,346	823	1,897	2,260	2,127
R^2	0.79	0.65	0.72	0.79	0.75
Adjusted R^2	0.79	0.65	0.72	0.79	0.75

Notes: All coefficients multiplied by 100

Table 3: Cross-section Regression Models explaining Proportion of Acres by Crop

	Corn Acres Cross-section	Cotton Acres Cross-section	Hay Acres Cross-section	Wheat Acres Cross-section	Soybean Acres Cross-section
	(1)	(2)	(3)	(4)	(5)
Average Temperature	−0.0092	0.2486**	−0.0543	1.2670***	0.4147***
	(0.0871)	(0.1152)	(0.0428)	(0.4385)	(0.1142)
Average Temperature Squared	0.0005	−0.0048*	0.0009	−0.0301***	−0.0090***
	(0.0020)	(0.0027)	(0.0010)	(0.0102)	(0.0026)
Precipitation	0.0202**	−0.0225**	0.0341***	−0.1059**	−0.0021
	(0.0087)	(0.0111)	(0.0043)	(0.0440)	(0.0114)
Precipitation Squared	−0.0003	0.0001	−0.0005***	0.0011	0.0001
	(0.0002)	(0.0002)	(0.0001)	(0.0008)	(0.0002)
Weights	Total Acres	Total Acres	Total Acres	Total Acres	Total Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	414	383	414	414	414
R^2	0.5514	0.4578	0.6865	0.5815	0.7903
Adjusted R^2	0.5356	0.4372	0.6755	0.5668	0.7830

Notes: All coefficients multiplied by 1000

Table 4: Cross-section Regression Models explaining Proportion of Acres by Crop

	Corn Acres Cross-section	Cotton Acres Cross-section	Hay Acres Cross-section	Wheat Acres Cross-section	Soybean Acres Cross-section
	(1)	(2)	(3)	(4)	(5)
Degree Days (10-30C)	0.0001	0.0004	−0.0002	−0.0020	0.0002
	(0.0005)	(0.0007)	(0.0003)	(0.0025)	(0.0007)
Degree Days (30C)	−0.0007	−0.0014	0.0005	0.0214	−0.0010
	(0.0049)	(0.0062)	(0.0024)	(0.0224)	(0.0065)
Precipitaton	0.0121	−0.0364	0.0390	0.1525	−0.0066
	(0.1014)	(0.1318)	(0.0495)	(0.4668)	(0.1348)
Precipitation Squared	−0.0002	0.0003	−0.0006	−0.0023	0.0001
	(0.0018)	(0.0023)	(0.0009)	(0.0082)	(0.0024)
Weights	Total Acres	Total Acres	Total Acres	Total Acres	Total Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	414	383	414	414	414
R^2	0.5545	0.4555	0.6918	0.6522	0.7857
Adjusted R^2	0.5388	0.4348	0.6810	0.6400	0.7782

Notes: All coefficients multiplied by 1000