

## SUPPLEMENTAL MATERIAL

Table S1: Dates and path/row locations of images from Landsat 7 and 8 image

Image Date	DOY	Satellite	Path	Row
4/29/2015	119	Landsat 8	29	29
6/08/2015	159	Landsat 7	29	29
6/24/2015	175	Landsat 7	29	29
7/18/2015	199	Landsat 8	29	29
8/03/2015	215	Landsat 8	29	29
8/11/2015	223	Landsat 7	29	29
9/12/2015	255	Landsat 7	29	29
10/14/2015	287	Landsat 7	29	29
10/22/2015	295	Landsat 8	29	29

Table S2: Pixel count and average area representing various treatments in the study area.

	-----Prairie-----		-----Corn-----		Soybean	Wetlands
	Previously Burned	Recently Burned	Irrigated	Non-Irrigated	Non-Irrigated	Wetland
Pixel Count	1447	1495	464	1209	747	124
Area (km <sup>2</sup> )	1.30	1.35	0.42	1.09	0.67	0.11