

**Preliminary Forage Data for Irrigated and Non-irrigated Forages**

	<b>Pounds of Dry Matter/ acre/grazing event</b>	<b>standard error</b>
<b>Alfalfa</b>		
DRYLAND	1582	143
IRRIGATED	1866	132
<b>Crabgrass</b>		
DRYLAND*	1502	238
IRRIGATED*	1560	258
<b>PRG</b>		
DRYLAND	711	92
IRRIGATED	915	116
<b>Tall Fescue</b>		
DRYLAND	582	107
IRRIGATED	729	113

\*Crabgrass not irrigated during season due to adequate rainfall and forage growth rate

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	<b>% advantage Irrigation</b>	<b>Inches Irrigation/ Grazing Event</b>
<b>Alfalfa</b>	18%	1.10
<b>Crabgrass</b>	*	
<b>PRG</b>	29%	3
<b>Tall Fescue</b>	25%	1.11

\*Crabgrass not irrigated during season due to adequate

**Rainfall Data during Grazing Season**

	<b>2016</b>	<b>Normal</b>	<b>ET loss</b>
<b>May</b>	5.8	5.17	4.54
<b>June</b>	2.46	4.62	6.41
<b>July</b>	6.74	4.24	5.09
<b>Aug</b>	6.68	3.63	4.88
<b>Sept</b>	4.49	4.03	4.39
<b>Oct</b>	2.29	3.55	3.1



Calibrating Red River Crabgrass by harvesting known area and calculating kilograms of dry matter forage per square meter. Height of the forage is measured by use of the sensor technology (20 readings per second).



Depiction of alfalfa being fully irrigated with 1.3 inches/acre (picture with hat on left), alfalfa with half irrigation due to the nature of the spider system (requires full pass of the irrigator for 1.3 inches to be applied; middle hat) and no water applied to alfalfa (hat on right). These were taken on same day and in same paddock. The alfalfa on the left measured 217 mm compared to 69 mm on the right.