Partial Alfalfa Yields, 2020

		Stillwater, OK					Lahoma, OK				
Entry	Type	Cut 1	Cut 2	Cut 3	Cut 4	Total	Cut 1	Cut 2	Cut 3	Cut 4	Total
54HVX41	RR* RL*	1.84	1.83	1.11	**	4.77	1.71	1.15	2.07	**	4.93
54VR10	RR	2.15	1.95	1.05		5.15	2.01	1.18	2.08		5.27
WL365HQRR	RR	2.07	1.89	1.07		5.02	1.78	1.14	1.97		4.89
DKA4401RR	RR	2.22	2.08	1.11		5.41	1.72	1.14	2.02		4.88
715NTRR	RR	1.99	1.89	1.02		4.91	1.90	1.14	2.03		5.07
6585Q	Conv.*	2.22	1.91	1.07		5.20	1.99	1.16	1.91		5.06
Good As Gold	Conv.	2.28	1.98	1.02		5.29	2.36	1.21	1.96		5.53
OK 49	Conv.	2.39	2.09	1.15		5.62	2.13	1.22	2.13		5.48
Mean		2.15	1.95	1.07		5.17	1.95	1.17	2.02		5.14
5% LSD		0.27	0.08	0.08		0.29	0.22	0.17	0.14		0.32

***RR = Roundup ready®/RL = Reduced Lignin/Conv. = Conventional**
**** a fourth harvest will be performed.**
Design: Randomized Complete Block
No. of Reps: 4 **plot size: 3 x 17 ft. harvested**
Harvest dates target at 10-25%:
-Stillwater: May 6 (10% bloom), June 8 (10% bloom), July 24 (Full bloom)
-Lahoma: May 5 (25% bloom), June 18 (10% Bloom), July 23 (50% bloom)

These data are provided by the Plant & Soil Sciences Department of the division of Agricultural Sciences and Natural Resources of Oklahoma State University. For additional information, contact Alex Rocateli <alex.rocateli@okstate.edu>

The forage quality of all varieties at third cut our considered Premium. Crude Protein: 21 – 23%, TDN > 168, and RFV >170. The reduced lignin variety had 10% less ADF than the overall average; therefore, it had the highest TDN and RFV values. All forage quality discussion was based on a preliminary composite forage sample per variety at the third cut in Stillwater, OK. No statistical inferences and final conclusions can be drawn from this limited dataset.