

# COARC Newsletter

November 3, 2015

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## Alfalfa Variety Trials

### Fourth Cutting Results

This is the final cutting of the fourth production year for 10 conventional and 7 Roundup Ready alfalfa varieties at the Central Oregon Agricultural Research Center. Varieties are listed in descending order of Relative Feed Value (RFV), an indicator of overall feed quality. Conventional variety WL 354HQ had both the highest RFV (193) and highest yield (3.7 ton/acre) followed by 6422Q at 191 RFV and 3.2 ton/acre. Roundup Ready variety 433TRR had an RFV of 177 and 3.1 ton/acre, followed by 4R200 with 171 RFV and 3.2 ton/acre. A final report summarizing this four year project will be provided by mid-December.

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Table 1. Conventional alfalfa variety performance for October 13, 2015 harvest at the Central Oregon Ag. Research Center, Madras, OR.

Variety	4 <sup>th</sup> Cutting Yield	Crude Protein	ADF	NDF	TDN	Relative Feed Value
	Ton/Acre	% Dry Weight				
WL 354HQ	3.7	21.3	26.0	33.1	66	193
6422Q	3.2	21.2	27.1	33.0	64	191
Pioneer 54V09	3.3	21.7	27.9	33.7	64	185
Pioneer 54Q25	3.3	21.3	28.2	34.3	63	181
445NT	3.1	19.2	30.7	36.0	63	168
Integra 8420	3.3	20.4	30.6	36.3	63	167
Vernal	2.5	24.2	33.8	35.2	69	166
Plumas	3.1	20.3	30.9	37.0	61	163
Mountaineer 2.0	3.1	21.0	32.0	37.0	62	161
WL 363HQ	3.1	23.2	32.3	37.1	68	160

Table 2. Roundup Ready alfalfa variety performance for October 13, 2015 harvest at the Central Oregon Ag. Research Center, Madras, OR.

Variety	4 <sup>th</sup> Cutting Yield	Crude Protein	ADF	NDF	TDN	Relative Feed Value
	Ton/Acre	% Dry Weight				
433TRR	3.1	22.1	28.5	35.0	65	177
4R200	3.2	20.9	29.9	35.6	63	171
Integra 8444 RR	3.0	21.1	30.3	35.9	62	169
Pioneer 54R014	3.1	19.9	30.6	36.4	63	166
DKA 43-22RR	3.4	20.4	31.1	36.5	62	165
Amer. 415NT-RR	3.3	19.5	30.1	37.0	63	164
RR Nemastar	3.1	20.7	29.0	44.2	59	140