

University of Wyoming, Research & Extension Center - 2008 Preliminary Results

Bio-Stimulant by ECS™ and Harvest Energy by ECS®

CORN GROWN FOR SILAGE						
Treatment	Rate (oz/ac)	Population	Yield (ton/ac)	Difference in Yield	Dry Matter (ton/ac)	Difference in Dry Matter
CHECK for treated seed	none	33,244	32.6		9.26	
Bio-Stim. & Harvest Energy	8 and 16	32,868	34.1	4.60%	9.56	3.24%

BARLEY GROWN UNDER TWO NITROGEN FERTILITY REGIMES						
Treatment	Rate (oz/ac)	Nitrogen (lb/ac)	Height (inches)	Difference in tallest, compared to CHECK	Yield (bu/ac)	Difference betw.best with ECS prod. AND check
CHECK for treated seed	none	0	34.5		110.9	
Bio-Stim. & Harvest Energy	8 and 16	0	34.6		115.2	3.88%
Bio-Stim. & Harvest Energy	16 and 32	0	35.1	1.74%	93.3	
Bio-Stim. & Harvest Energy	24 and 48	0	34.7		96.3	
CHECK for naked seed	none	0	32.5		107.6	
Bio-Stim. & Harvest Energy	8 and 16	0	33.5		110.3	2.51%
Bio-Stim. & Harvest Energy	16 and 32	0	34.0	4.62%	109.3	
Bio-Stim. & Harvest Energy	24 and 48	0	33.4		109.2	
CHECK for treated seed	none	60	34.8		116.5	
Bio-Stim. & Harvest Energy	8 and 16	60	33.1		117.6	
Bio-Stim. & Harvest Energy	16 and 32	60	32.6		115.1	
Bio-Stim. & Harvest Energy	24 and 48	60	33.2	-4.60%	126.8	8.84%
CHECK for naked seed	none	60	35.3		110.9	
Bio-Stim. & Harvest Energy	8 and 16	60	35.5	0.57%	111.0	
Bio-Stim. & Harvest Energy	16 and 32	60	35.2		103.1	
Bio-Stim. & Harvest Energy	24 and 48	60	34.6		111.9	0.90%

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DRY BEANS (PINTO)					
Treatment	Rate (oz/ac)	Yield (lb/ac)	Difference in Yield, best w/ECS prod. AND check	100 Seed Weight (g)	Difference betw.best with ECS prod. AND check
CHECK for naked seed	none	3,321		36.3	
Bio-Stim. & Harvest Energy	12 and 24	3,484	4.91%	35.7	-1.65%
Bio-Stim. & Harvest Energy					
Bio-Stim. & Harvest Energy					
CHECK for treated seed	none	3,602		34.7	
Bio-Stim. & Harvest Energy	6 and 12	3,661		35.7	2.88%
Bio-Stim. & Harvest Energy	12 and 24	3,698		34.7	
Bio-Stim. & Harvest Energy	18 and 36	3,764	4.50%	34.3	

ALFALFA GROWN FOR HAY							
Treatment	Rate (oz/ac)	Dry matter 1st Cut, June 18, 2008	Difference betw.best with ECS prod. AND check	Dry matter 2nd Cut, Aug.4, 2008	Difference betw.best with ECS prod. AND check	Dry matter 3rd Cut, Oct.2, 2008	Difference betw.best with ECS prod. AND check
CHECK	none	3.67		2.31		1.23	
Bio-Stim. & Harvest Energy	16 and 32	4.38	19.35%	2.16		1.14	
Bio-Stim. & Harvest Energy	24 and 48	4.17		2.40	3.90%	1.26	2.44%

ALFALFA GROWN FOR HAY - CONTINUED			
Treatment			Difference betw.best with ECS prod. AND check
		Dry matter TOTAL	
CHECK		7.21	
Bio-Stim. & Harvest Energy		7.68	
Bio-Stim. & Harvest Energy		7.83	8.60%

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SUGARBEETS - ROUND-UP READY						
Treatment	Rate (oz/ac)	Population (plants/ac)	Yield (tons/ac)	Pounds of Sugarbeets/ Plant	Sucrose (%)	Difference betw.best with ECS prod. AND check
CHECK (naked seeds)	none	40,392	21.21	1.05	18.34	
Bio-Stim. & Harvest Energy	6 and 12	23,760	19.95	1.68	18.23	
Bio-Stim. & Harvest Energy	12 and 24	18,810	17.53	1.86	18.27	-0.38%
Bio-Stim. & Harvest Energy	18 and 36	21,186	18.83	1.78	18.25	