



2008 Red Clover Variety Trial Report

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The purpose of forage cultivar evaluation is to aid producers in the selection of the best cultivars for their farm. The data in the following tables were conducted using plot design, experimental techniques, and management that were considered best management practices for each crop. These studies were planted in spring, 2008, and were only irrigated to aid in establishment.

Least significant difference (LSD) values at the five percent level are shown at the bottom of each table. Within any table, yields of any two varieties being compared must differ by at least this amount to be considered different in yielding ability. Also, coefficient of variation (CV %) values are shown at the bottom of each table. This value is a measure of the consistency of yields found within each study.

Table 1: Yield of red clover varieties during 2008 at the East Tennessee Research and Education Center in Knoxville.

Planted March 2008 Variety	Yield (lb DM/acre)		
	June 27	Aug. 11	Total
Cinnamon Plus	1591	2302*	3894
Red Gold	1107	2113	3221
Starfire II	1208	2044	3252
Plus II	1570	2119	3690
FLMD	2374*	2151	4525*
CW202	1775	2252*	4028
CW40040	1771	2332*	4103
Renegade	2825*	2493*	5318*
LSD (P=.05)	732	321	997
CV (%)	26	9	16

* yielded statistically the same as the top yielding variety



Table 2: Yield of red clover varieties during 2008 at the Highland Rim Research and Education Center in Springfield.

Planted March 2008 Variety	Yield (lb DM/acre)		
	July 2	Sep. 8	Total
Cinnamon Plus	1058	1503*	2561
Red Gold	1249	1392	2642
Starfire II	1221	1475*	2697*
Plus II	1002	1942*	2944*
FLMD	1545*	1373	2918*
CW202	1106	1794*	2901*
CW40040	1313	1835*	3148*
Renegade	1697*	1705*	3402*
Freedom	710	2020*	2731*
LSD (P=.05)	344	575	709
CV (%)	16	19	14

* yielded statistically the same as the top yielding variety

Table 3. Variety Information

Variety	Supplier	Commercially Available
Cinnamon Plus	Allied Seed	Y
Red Gold	Pro Seeds	Y
Starfire II	AMPAC Seed	Y
Plus II	Allied Seed	Y
FLMD	Barenbrug	Y
CW202	Cal/West Seeds	N
CW40040	Cal/West Seeds	N
Renegade	DLF International Seeds	Y
Freedom	Barenbrug	Y

This and other useful forage information can be found at the University of Tennessee forages web site.

<http://forages.tennessee.edu/>