2012 White Clover Report

Research Report 13-12

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The forage cultivar evaluation program is a partnership between University of Tennessee Extension and UT AgResearch to aid producers in the selection of the best cultivars for their farm. The data in the following tables were determined using plot design and experimental techniques. This study was conducted using a randomized complete block design with 3 replications. The crop was grown using management practices considered to be the best for the crop, including fertilization according to soil test results.

Least significant difference LSD values at the 5 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. 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, with lower CVs indicating less variability.

Table 1: 2012 yield of white clover varieties at the Research and Education Center at Greeneville.

| | Yield ton DM/acre | | |
| | 2012 | | |
Variety	May 1	May 29	Total
Ivory II	0.80*	1.23*	2.03*
Ocoee	0.81*	1.15*	1.97
Will	1.32*	1.29*	2.61*
GC124	0.93*	1.18*	2.11*
Kopu II	0.98*	1.21*	2.19*
WBDX	0.97*	0.61	1.58
KY Select	1.18*	1.04	2.22*
NFWCO4-29	1.18*	1.28*	2.46*
NFWCO4-49	1.20*	1.15*	2.35*
Companion	0.86*	1.16*	2.02*
Rampart	0.89*	1.39*	2.27*
GA-178	1.15*	1.26*	2.42*
TXWC-05	1.26*	1.30*	2.56*
Barblanca	0.85*	0.99	1.84
LSD P=.05	0.44	0.25	0.54
CV %	31	16	18
* yielded statistically the same as the top-yielding variety			
Planted September 8, 2011			

Table 2: Variety Information

Variety	Supplier	Commercially Available
Ivory II	DLF International Seeds	Yes
Ocoee	Tennessee Farmers Coop	Yes
Will	Tennessee Farmers Coop	Yes
GC124	AMPAC Seed	No
Kopu II	AMPAC Seed	Yes
WBDX	Saddle Butte Ag Inc.	Yes
KY Select	Saddle Butte Ag Inc.	Yes
NFWCO4-29	Noble Foundation	No
NFWCO4-49	Noble Foundation	No
Companion	Oregro Seeds Inc.	Yes
Rampart	Oregro Seeds Inc.	Yes
GA-178	University of Georgia	No
TXWC-05	Texas Agrilife Research	No
Barblanca	Barenbrug USA	Yes

This and other useful information can be found at your local extension office, or at our website.

http://forages.tennessee.edu