

Research Report 14-6

Dr. Gary Bates, Director David McIntosh, Coordinator

2013 White Clover Report

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. This study was conducted using a randomized complete block design with three 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.

Table 1: 2 Year yield of white clover varieties at the Research and Education Center at Greeneville.

Variety	Yield (ton DM/acre)		
	2012	2013	2 Year Total
	Total	May 29	
Ivory II	2.03*	0.00§	2.03
Ocoee	1.97	0.00§	1.97
Will	2.61*	0.00§	2.61
GC124	2.11*	1.29*	3.40*
Kopu II	2.19*	0.00§	2.19
WBDX	1.58	0.00§	1.58
KY Select	2.22*	1.15*	3.37*
NFWCO4-29	2.46*	0.00§	2.46
NFWCO4-49	2.35*	0.00§	2.35
Companion	2.02*	0.00§	2.02
Rampart	2.27*	1.04	3.31*
GA-178	2.42*	0.00§	2.42
TXWC-05	2.56*	1.23*	3.79*
Barblanca	1.84	0.00§	1.84
LSD P=0.05	0.66	0.15	0.69
CV %	18	26	16
* yielded statistically the same as the top-yielding variety			
§ stand decline resulted in no yield			
Planted September 8, 2011			
Variety	Supplier	Commercial	
Ivory II	DLF International Seeds		
Ocoee	Tennessee Farmers Co-op		
Will	Tennessee Farmers Co-op		
GC124	AMPAC Seed		
Kopu II	AMPAC Seed		
WBDX	Saddle Butte Ag Inc.		
KY Select	Saddle Butte Ag Inc.		

**Table 2:
Variety
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on**

Variety	Yield (ton DM/acre)		
	2012	2013	2 Year
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