

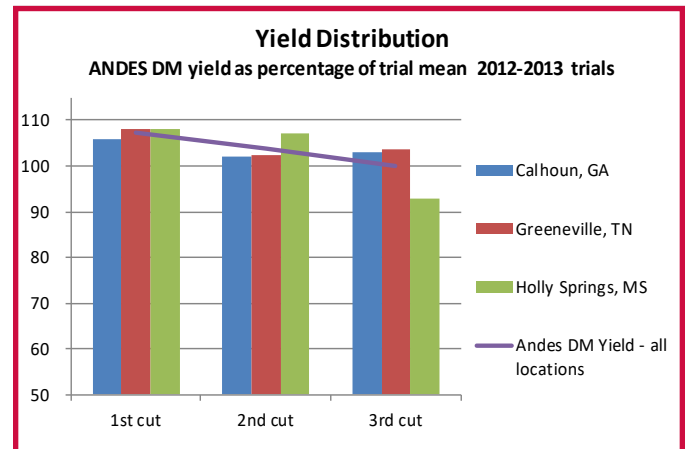
Andes

Lolium multiflorum var. westerwoldicum



Andes is a tetraploid (4n) annual ryegrass developed from DLF's very successful variety Abundant. Compared to Abundant, the variety Andes has a higher dry matter yield, improved resistance to rust and leaf blight diseases and a better cold tolerance. Proven across the South.

- **Early Strong Growth**
- **Easy Transition**
- **High Forage Quality**
- **Cold Tolerant**



Strong early cuts, tapering off in third cut, showing the easy transition to the warm season grass.



Andes

Lolium multiflorum var. westerwoldicum



2015 PSU Short-Lived Cover Crops Trial

Planted September 18, 2015

Annual Ryegrass (multi-cut)	Second Cutting 5/23			
	CP%	ADF%	NDF%	NDFD 30
DLFPS-LWT27 (4n)	26.2	26.5	43	89
Andes (4n)	26.3	25.1	42.4	89
McKinley (2n)	23.2	26.6	45.1	88
M0-1 (2n)	24.3	25.6	43	87
Grasshancer 100 (2n/4n)	21.6	24.2	42	86
Kodiak (2n)	23.6	27.4	46.9	85
Centurion	20.5	27.3	46.4	85
Fria	20.9	26.7	45.8	85
Bar LM 15427	19.8	25.7	41.6	85
ME-94	18.8	24.4	40.3	85
Marshall	19.7	24.3	39.5	85
Tetraprime	18.5	27.7	47.3	84
Allegro	18	27.3	45.4	84
Jackson	19.7	26.2	44.4	84
M2CVS	19.5	26.5	44.4	84
ME4	20.8	27.3	43.5	84
Bar LM 15425	17.8	25	41.2	84
Bar LM 15426	19.3	27.8	45.2	83
KoWinearly	21.8	27.8	45	83
Attain	19.9	24.7	40.4	83
PPG-LMT 102	17.3	27.3	46.8	82
Nelson	19.5	26.5	43.7	82
Kospeed	19.9	26.6	42.5	82
Barmultra II	18.9	28.1	45.2	81
Bar LM 15371	19.1	25.5	41.8	81
Meroa	18.1	26.8	42.1	78
PPG-TAR 113*	14	33.4	63.9	69
Mean	20.3	26.6	44.4	84

Forage Quality

The combination of early peak production with a medium maturity, allows for high quality forage: dry matter production done by leaves, not stems. The result is **More Milk or Weight Gain per acre.**

DLF's focus on improving forage quality is showing in various forage quality drivers: high CP, NDF, NFDd and low ADF. Andes was the top rated (out of 27 entries) commercial variety for forage quality in the 2015 Penn State trial, while the top 6 varieties (out of 27 entries) were all from the DLF breeding program.

