

# Comparison of pasture varieties

## Key findings

- The average dry matter production for the first year pasture and regenerated pasture varieties were very similar, averaging 3.5t/ha in 2012

## Why do the trial?

To compare the performance of first year pasture against regenerated pasture varieties.

## How was it done?

<b>Plot size</b>	1.4m x 10m	<b>Fertiliser</b>	DAP + Zn 2% @ 50kg/ha
<b>Seeding date</b>	14 <sup>th</sup> June 2011 for the regenerated section and the 30 <sup>th</sup> May 2012 for the first year pasture mixes		

This trial was not a replicated trial and so the results do not include statistics. Dry matter cuts were taken from two places within each plot using a quadrat, on 10<sup>th</sup> September 2012.

## Results

The first year pasture growth ranged from 2.17t/ha (Winter express blend) to 6.01t/ha (Wintaroo oats) while the regenerated legume variety production ranged from 2.95t/ha (Angel strand medic) to 3.99t/ha (Melilotus). In previous regenerated pasture trials Sulla Hedysarum has also produced very good dry matter production.

The average dry matter production for the first year pasture and regenerated pasture varieties was very similar, averaging 3.5t/ha in 2012.

Variety	Dry matter (t/ha)
<b>Sown 30<sup>th</sup> May 2012</b>	
Forage pea	3.04
Tetrone ryegrass	3.81
Wintaroo oats	6.01
Canola + vetch mix	4.25
Vetch + oats mix	3.36
Winter express - ryegrass, clover and medic blend	2.17
<b>Sown 14<sup>th</sup> June 2011 - regenerated</b>	
Melilotis	3.99
Angel strand medic	2.95
Frontier balansa clover	3.46
Antas sub clover	3.84
Lynx barrell medic	3.03

Table 1. Pasture dry matter production (t/ha) for first year or regenerated pasture varieties at Hart in 2012.