Angus Gaudie: New Experience
Measuring what cows are grazing and seeing things differently
STAMFREY FARM GRAZING SYSTEM 2013

GRAZING SYSTEM 2013:

- Rotational
- 4 acre paddocks
- Round the clock

Problems

- Often short of grass
- No measurement – no basis for change
GRAZING SYSTEM 2014:

• Measuring and recording using platemeter agrinet software geomeasure app

• Grass wedge

• Knowledge transfer via ‘The Yorkshire Plonkers Grazing Group’ facilitated by Alicia Newport L.I.C.
‘Grass Wedge’ – the benefits

• Predict forage surplus or deficits
• Manage dry matter intakes for cow diets
• Conserve surplus forage
How is this related to diverse legumes and grasses?

• Without measurement you have no control and no basis for change
• Low growth – old pasture - re-seed if necessary compounded – sward lift or spike fertility – soil test and replenish round length – minimum 30 days for clover recovery
• Actual growth – 8.74 tonne/Ha
Range at Stamfrey Farm 6.5 – 11 tonne/Ha
Aim for 2015 – 10 tonnes average
range 8 to 12 tonnes
### Stamfrey Costings 2013/14

<table>
<thead>
<tr>
<th></th>
<th>2013</th>
<th>2014</th>
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</thead>
<tbody>
<tr>
<td>Cows in herd</td>
<td>140</td>
<td>135</td>
</tr>
<tr>
<td>Milk produced</td>
<td>819,000 litres</td>
<td>962,000 litres</td>
</tr>
<tr>
<td>Yield</td>
<td>5 840</td>
<td>7 130</td>
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<tr>
<td>Milk from forage</td>
<td>2000</td>
<td>2900</td>
</tr>
<tr>
<td>Concentrates/Litre</td>
<td>0.34</td>
<td>0.29</td>
</tr>
<tr>
<td>MOC/cow</td>
<td>1 390</td>
<td>2 040</td>
</tr>
</tbody>
</table>

**Net Change**

- £350 due to milk price
- £300 due to greater efficiency
Mooving on….

• February 2015 turning cows out onto grass with good covers
• Having a baseline for comparison enabling better grass / clover management
• Healthy soil improvements
• Further knowledge transfer from Alicia to her Plonkers!

Unless it’s measured it can’t be mended !!