

# **Shinagh Dairy Farm Report 10-06-2015**

## **Profitable Science Based Farming**

### **Farm Details**

**Grazing area available 53.52 ha (stocked at 4.27LU/ha on the grazing area now)**

**17.97 ha cut for first cut silage on the farm plus 16.2 ha purchased growing**

**6.3 ha reseeded (8% of the farm) and post emergence sprayed for weeds.**

**Farm Cover 682kg/DM/ha (after cutting 3.21ha for bales, 6% of grazing area)**

**Growth for the last week has averaged 89 kg/DM/ha per day.**

**Demand: 4.27 cows/ha by 17kg/cow = 72kg/DM/ha per day.**

**19 day rotation, feeding no supplement**

**227 cows**

Grass growth was 89kg/DM/ ha per day for the last week on all the grazing ground. The attached wedge shows the farm with 3.21ha out for bales. This shows as an increased demand on the wedge but these paddocks will be cut immediately and will be available in the next rotation so our demand is the same at 72kg/DM/ha.

The milk yield is 22.13 litres/cow per day. Current milk test is 4.06% fat and 3.72% protein. SCC is 141,000 and TBC of 7,000. This is 1.77kg of milksolids per day and 5.17 kg of milk solids per total hectare per day. Milk solids are up 5% to the end of May compared to last year at 41,149kg of MS sold.

96% of the herd was bred in the first 21 days of breeding. All cows were bred in 35 days. The non-return rate for the first 21 days of breeding is 72%. We have 6 weeks of AI done and four stock bulls will now run with the herd. AI will be still be used to aid the bulls if there are a lot of cows repeating at any stage.

All the first cut silage is in the pit at this stage. The rented silage was ensiled on Monday. Ground going for second cut silage has got 1.5 bags of ASN per acre (94kg/ha) and 1.5bags of 24:2.5:10 per acre (94kg/ha). In addition it got 2,500 gals of slurry per acre. In the current weather conditions we do not expect to get much utilisation of the nitrogen in this slurry. However this has returned P and K to the silage ground.

The contract reared heifer calves got their first IBR vaccine injection this week. The 6.3 ha of reseeded have been sprayed for weeds and will be ready for a light first grazing in this rotation.

Weekly updates are on the Shinagh website: <http://www.shinaghdairy.ie/>