

Johnstown Castle Winter Milk Herd- Weekly Management Notes

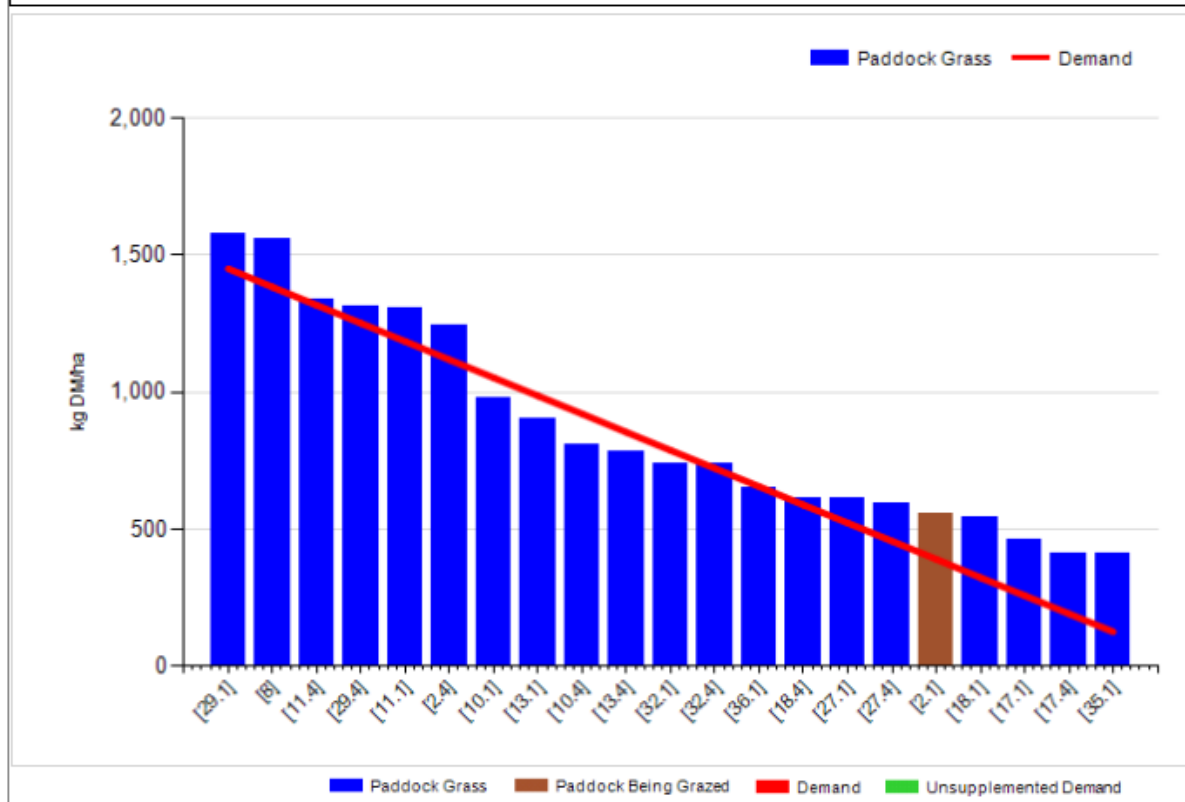
18/07/16

- After a few unsettled weeks, the weather for the past few days & the forecast for the coming week is very good. Rainfall of 5.8mm & soil temperatures of 17.1°C average for the past 7 days. Grazing conditions are very good. Grass growth for the past two weeks hasn't been as high as we would have expected, given that were getting plenty of moisture. But there's been a definite kick in growth over the weekend, with the rise in temperatures & grass is bombing along now.
- Second cut silage was harvested last week (13th July), quality appeared to be good and we had reasonable yields of approx. 4000kgs/dm/ha. On the 100% autumn herd we would expect to be baling a "third cut", towards the end of August, as demand will be very low on this herd at that stage, we also hope to reseed a couple of paddocks during August with this herd.
- We'll be drying off approx. 50% of the autumn calvers later this week, expected start of calving is 22nd of September and we'd like to give the cows a 2 month dry period, so our first batch for drying off will consist of: all cows with a due date before 7th Oct, cows yielding less than 7/8 litres and later calving cows with a B.C.S of 2.5.
- Milk yield is along expected lines, some of the cows due to be dried off this week are drying themselves off & these are bringing down the average milking yield in the autumn herd.

| | | | |
|-----------------------------------|------|-------------------------|-----|
| Rotation Length (days): | 20 | Silage Fed (kg DM/cow): | 0.0 |
| Grass Allocation/Cow (kg DM/cow): | 18.0 | Residual Height (cm): | 4.5 |
| No. of Cows: | 65 | | |
| Concentrate Fed (kg/cow): | 0.3 | | |

Cover Parameters

| | | | |
|---------------------------------|------|--------------------------------------|------|
| Grass Allocation/LU (kg DM/LU): | 18.0 | Growth Rate: | 54 |
| Total Livestock (LU): | 65.0 | Farm Demand (kg DM/ha/day): | 72 |
| Farm Cover (kg DM/ha): | 852 | Target Pre-grazing yield (kg DM/ha): | 1450 |
| Farm Cover (kg DM/LU): | 213 | Days Ahead: | 12 |
| Stocking Rate (LU/ha): | 4.00 | LW/ha (Liveweight/ha): | |



| | <i>This week (18/07/16)</i> | Autumn Calving Herd | Spring Calving Herd |
|-------------------|---|---------------------------------------|--|
| Production | % of Herd Milking | 100% | 100% |
| | Milk Kg | 14.8 | 20.6 |
| | Fat % | 4.48 | 3.98 |
| | Protein % | 3.92 | 3.65 |
| | Milk Solids kg | 1.25 | 1.58 |
| Intake | Grazed Grass kgs/dm/cow | 18 | 18 |
| | Silage kgs/dm/cow | 0 | 0 |
| | Maize silage kgs/dm/cow | | 0 |
| | Concentrate in TMR – kgs/dm/cow | | |
| | Parlour concentrate kgs/dm/cow | 0.3 | 0.3 |
| | | | |
| Totals | <i>Lactation to date per cow</i> | Mean calving date 6 th Oct | Mean calving date 17 th Feb |
| | Days in Milk | 286 | 154 |
| | Milk kg | 6924 | 3865 |
| | Milk Solids kg | 534 | 286 |
| | Concentrate Fed | 725 parlour & 740 kgTMR | 308kgs |
| | | | |