Athea Farm, Limerick.

The West Limerick farm is located near Athea on the Limerick /Kerry border.

The farm comprises a milking block of 52ha with 12 ha split by a public roadway.

The soil is a heavy mineral soil with an exceptionally wet block of 8-10 ha composed of peat overlying impermeable clay.

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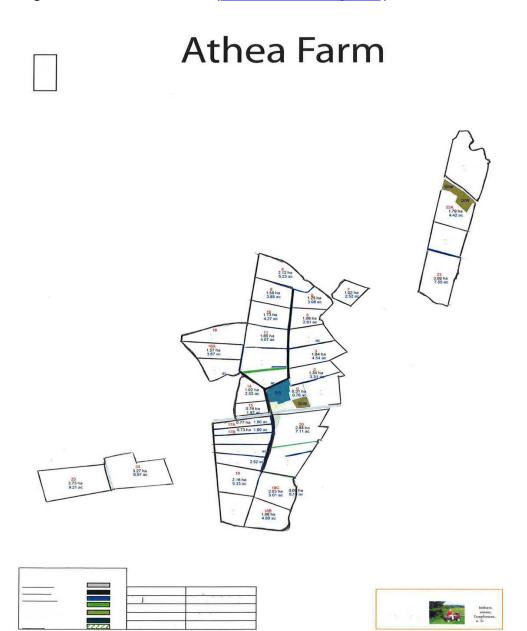


Table 1. Farm Performance

| Year | Herd Size | Stocking Rate | Area MP | EBI | EBI | 6 week |
|------|-----------|------------------|---------|-------|------------------|-----------|
| | | MP | На | Total | Fertility (€) | Calving % |
| 2011 | 83 | 2.44 | 34 | 103 | 64 | 80 |
| 2012 | 89 | 2.62 | 34 | 122 | 78 | 66 |
| 2013 | 84 | 2.47 | 34 | 143 | 83 | 82 |
| 2014 | 87 | 2.56 | 34 | 157 | 90 | 80 |
| 2015 | 96 | 2.46 | 39 | 165 | 90 | 85 |
| 2016 | 98 | 2.51 | 39 | 96 | 44 | 88 |
| 2017 | 103 | 2.64 | 39 | 106 | 51 | 88 |
| 2018 | 103 | 2.64 | 39 | 132 | 58 | 87 |
| 2019 | 130 | 2.4 | 43 | 148 | 69 | 94 |

Table 1 shows that from 2011 to 2019 herd size has grown from 83 to 130, more land has been incorporated into the milking platform and there has been a strong emphasis improving EBI and 6 week calving interval

Table 2. Dairy Outputs

| Year | Milk Solids/ha | Gross Output | Gross Output | Total Costs | Total Costs | Net Margin | Net Margin |
|------|-------------------|-----------------|-----------------|--------------------|----------------|---------------|---------------|
| | Kg | €/Ha | c/litre | €/Ha | c/litre | €/Ha | c/litre |
| 2011 | 896 | 2525 | 36.1 | 1584 | 22.6 | 941 | 13.5 |
| 2012 | 926 | 2441 | 34.4 | 1851 | 26.1 | 589 | 8.3 |
| 2013 | 1071 | 3112 | 38.8 | 2109 | 26.3 | 1002 | 12.5 |
| 2014 | 1021 | 2993 | 38.5 | 1610 | 20.7 | 1383 | 17.8 |
| 2015 | 1088 | 2851 | 32.3 | 1729 | 19.6 | 1122 | 12.7 |
| 2016 | 1034 | 2389 | 27.8 | 1591 | 18.9 | 798 | 8.8 |
| 2017 | 1162 | 5470 | 38.2 | 3214 | 22.4 | 2256 | 15.8 |
| 2018 | 1344 | 5875 | 35.7 | 3734 | 22.7 | 2140 | 13.0 |
| 2019 | 1194 | 5275 | 37.0 | 3262 | 22.9 | 2013 | 14.1 |

Table 2 shows a steady growth on milk solids per hectare and an emphasis on keeping production costs under control.

 Table 3: Grass production Tonnes Dry Matter/Ha

| Year | Start Grazing | End Grazing | Total Grown (T) | |
|------|----------------------|----------------------|--------------------|--|
| 2011 | | | 5.4 | |
| 2012 | | | 7 | |
| 2013 | 25 th Feb | 7 th Nov | 10.7 | |
| 2014 | 11 th Mar | 2 nd Dec | 10.4 | |
| 2015 | 2 nd Feb | 11 th Nov | 10.2 | |
| 2016 | 8th Mar | 5th Nov | 11.4 | |
| 2017 | 16th Feb | 9th Nov | 14.0 | |
| 2018 | 28th Feb | 22nd Nov | 12.1 | |
| 2019 | 18th Feb | 5th Nov | 12.3 | |