



Breeding programme



- The breeding season has finished on Newford Farm for 2021
 - Breeding started on the 21st of April
 - All cows were artificially inseminated for 10 weeks and AI finished on the 30th of June
 - 81 cows were selected for breeding at the start of the season and all 81 cows were inseminated
 - 93 % of the herd were inseminated in the first three weeks of breeding
 - 100 % of the herd were inseminated by the 11th of June
 - ✓ 57 cows were inseminated once
 - ✓ 17 cows were inseminated twice
 - ✓ 6 cows were inseminated three times
 - ✓ 1 cow was inseminated four times
 - The once-a-day AI rule was used on the farm where by cows were inseminated at midday each day.
 - ✓ If a cow was inseminated at 12 noon and she was still showing signs of standing heat again that evening then that same cow was inseminated again the next day (12 noon).
 - ✓ 19 cows out of the 81 cows were inseminated twice using this 24 hour rule
 - The two teaser bulls are housed together where they are receiving concentrates to bring them to slaughter suitability on the farm
- The 26 maiden bulling heifers (pictured below) were synchronised on the 13th of April and were inseminated over a six-week period. They were scanned on the 9th of July
 - The six-week breeding season finished on the 2nd of June
 - 18 heifers scanned in-calf (69%)
 - ✓ From the remaining eight heifers which did not go in-calf the scanning found that one heifer had a cyst while another recently lost her embryo and another heifer was treated for meningitis during the breeding season



- Newford Farm's annual TB herd test took place on the 15th June 2021 and one 15 month old bullock was unfortunately identified to be a TB reactor.
 - ✓ This bullock was isolated and has since been valued the by the Department of Agriculture. The bullock was treated for worms in mid -May and cannot leave the farm until the withdrawal period has passed with 24th of July until the earliest date of movement.

Beef animals

- The beef bullocks were weighed on the 17th of June and the heifers were weighed on the 9th of June. The summary of their performance to-date is as follows;

Beef Weights 2021			
			
Weighing Date 17th June 2021		Weighing Date 9th June 2021	
Turnout Date 2nd March 2021		Turnout Date 27th February 2021	
Bullocks		Heifer's	
Number of Males	39	Number of Heifers	56
Av Birth Wgt	38 Kgs	Av Birth Wgt	36 Kgs
Turnout Weight 2nd March 2021	433 Kgs	Turnout Weight 27th February 2021	411 Kgs
Weight 17th June 2021	505 Kgs	Weight 9th June 2021	484 Kg
Average age	16 Mts	Average Age	16 Mts
A.D.G From Birth to 17th June 2021	0.98 Kg / Day	A.D.G From Birth to 9th June 2021	0.94 Kg / Day
ADG from turnout 2nd March to 17th June (107 days)	0.67 Kg / Day	ADG from turnout 27th February to 9th June (102 days)	0.72 Kg / Day
ADG from the 16th of April to 17th June (62 days)	0.94 Kg / Day	ADG from the 28th April to 9th June (42 days)	0.96 Kg / Day

- The beef heifers will be weighed again next week and the first of these 17 month old heifers will be drafted off grass without receiving any concentrate supplementation towards the end of July.




2021-born replacement heifers

- The 24 2021-born replacement calves have settled in well onto Newford Farm since arriving on 13th June from the contract rearing farm. There has been no disruption to their level of thrive since arriving.
 - ✓ These calves have been at grass since mid- May and have received treatment for worms / coccidiosis and they have also received their clostridial disease vaccination.
 - ✓ The group is made up of 24 first cross Aberdeen Angus heifers bred from the dairy herd.
 - ✓ The purchase price of the 24 calves was €170 on average.
 - ✓ They spent 12 weeks on the contract rearing farm costing roughly €19 per heifer per week for their 3 month stay or approximately €228 per head.
 - ✓ The average weight of the young calves was 117 Kg on the 29th of June
 - ✓ Their target breeding weight next April 2022 is 340Kg liveweight.



2021 male progeny

- All the bull calves (43) were castrated last week by the vet and there has been no health issues to report since castration took place.
 - ✓ Favourable weather conditions and high levels of grass utilisation has provided ideal conditions for this year's progeny to perform positively.
 - ✓ Their average performance is detailed below

Calf Weights 2021			
			
Weighing Date 29th June 2021		Weighing Date 29th June 2021	
Male Calves		Heifer Calves	
Number of Males	43	Number of Heifers	42
Av Birth Wgt	39 Kgs	Av Birth Wgt	36 Kgs
Weight (29th June)	225 Kgs	Weight (29th June)	217 Kgs
Average age	4 Mts	Average Age	4 Mts
A.D.G From Birth to 29th June	1.20 Kg / Day	A.D.G From Birth to 29th June	1.40 Kg / Day



Heifer	Tag 1201
Sire : Hideal	HJD
Born 2021	16th Feb
Weighed 29th June	249 Kg
ADG from Birth to the 29th June	1.59 Kg



Heifer	Tag 1176
Sire : Meelickaduff Lamborghini	LM 4330
Born 2021	5th Feb
Weighed 29th June	238 Kg
ADG from Birth to the 29th June	1.35 Kg



Heifer	Tag 1193
Sire : Gstaad	LM 4366
Born 2021	11th Feb
Weighed 29th June	264 Kg
ADG from Birth to the 29th June	1.64 Kg



Heifer	Tag 1225
Sire : Fiston	FSZ
Born 2021	28th Feb
Weighed 29th June	243 Kg
ADG from Birth to the 29th June	1.69 Kg



Heifer	Tag 1199
Sire : Laurel	Lm 4185
Born 2021	14th Feb
Weighed 29th June	236 Kg
ADG from Birth to the 29th June	1.48 Kg



Heifer	Tag 1219
Sire : Laurel	LM 4185
Born 2021	24th Feb
Weighed 29th June	227 Kg
ADG from Birth to the 29th June	1.55 Kg



Heifer	Tag 1169
Sire : Tomschoice Lexicoïn	LM 4471
Born 2021	1st Feb
Weighed 29th June	247 Kg
ADG from Birth to the 29th June	1.45 Kg



Heifer	Tag 1191
Sire : Fiston	FSZ
Born 2021	11th Feb
Weighed 29th June	230 Kg
ADG from Birth to the 29th June	1.39 Kg



Heifer	Tag 1222
Sire : Fiston	FSZ
Born 2021	27th Feb
Weighed 29th June	231 Kg
ADG from Birth to the 29th June	1.56 Kg



Male	Tag 1211
Sire : Fiston	FSZ
Born 2021	20th Feb
Weighed 29th June	238 Kg
ADG from Birth to 29th June	1.32 Kg



Male	Tag 1181
Sire : Laurel	Lm 4185
Born 2021	7th Feb
Weighed 29th June	286 Kg
ADG from Birth to 29th June	1.61 Kg



Male	Tag 1172
Sire : Gstaad	LM 4366
Born 2021	2nd Feb
Weighed 29th June	273 Kg
ADG from Birth to 29th June	1.49 Kg



Male	Tag 1208
Sire : Gstaad	LM 4366
Born 2021	17th Feb
Weighed 29th June	258 Kg
ADG from Birth to 29th June	1.36 Kg



Male	Tag 1223
Sire : Tomschoice Lexicoïn	LM 4471
Born 2021	27th Feb
Weighed 29th June	215 Kg
ADG from Birth to 29th June	1.17 Kg



Male	Tag 1178
Sire : Laurel	Lm 4185
Born 2021	6th Feb
Weighed 29th June	269 Kg
ADG from Birth to 29th June	1.49 Kg



Male	Tag 1190
Sire : Kilconnelly Kodaline	BB 4492
Born 2021	11th Feb
Weighed 29th June	278 Kg
ADG from Birth to 29th June	1.56 Kg



Male	Tag 1186
Sire : Kilconnelly Kodaline	BB 4492
Born 2021	8th Feb
Weighed 29th June	259 Kg
ADG from Birth to 29th June	1.42 Kg




Male	Tag 1164
Sire : Laurel	Lm 4185
Born 2021	26th Jan
Weighed 29th June	269 Kg
ADG from Birth to 29th June	1.54 Kg

Male	Tag 1194
Sire : Fiston	FSZ
Born 2021	12th Feb
Weighed 29th June	226 Kg
ADG from Birth to 29th June	1.23 kg

Grassland

- Soil temperature on Newford Farm on Monday the 12th of July was 19.5°C at 10 cm soil depth
- A half bag of protected urea (38N + S) per acre is being spread after each grazing at the moment.
- Grass growth is good at the moment and also due to the fine weather utilisation of grass is excellent.
- Any paddock with a heavy grass cover (2,000 Kg/DM plus) is been taken out of the grazing rotation as surplus grass.
 - The farm is aiming to keep the average farm grass cover at roughly 700 Kg DM / ha at this moment in time.
- The aim is to keep turning stock into grass covers of roughly 1,250 to 1,400 Kg /DM /ha

	Newford	Gort-Na	Touhy's	Cones
	A	Habhainn	Farm	Farm
Farm Cover (Kg/DM/Ha)	613	931	836	309
Growth/Ha (Kg/DM/Ha)	40	39	20	36
Farm Demand /Ha (Kg /DM /Ha/day)	69	67	70	21
Estimated DM	19%	19%	19%	19
Days ahead	9	14	12	15
Current stocking Rate LU/Ha	4.76	4.62	4.77	1.47
Grazing Area (Ha)	10.44	13.94	8.36	17.60
Silage Area (Ha)	0	0	4.67	0

* Cover carried out on the 12th July

