



November
2021

East Moclett, The North Sound, Orkney Production Plans (Organic & Conventional)

Cycle
Site
Species
Area
Last Month

S0 22
East Moclett - Organic
ATLANTIC
Orkney
Jun-24

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Kg/Smolt Relation	4.83																					
Detail	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	
# of days per month for feeding	15	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	31	
Smolt Stocking	777,500																					
Initial Weight (gr)	80																					
Initial Biomass	62,200																					
Number BOM	0	754,175	739,092	731,701	726,213	720,766	715,360	709,995	704,670	699,385	694,140	688,934	683,767	678,639	673,549	618,497	488,858	385,192	282,303	180,186	78,834	
Mortality for the Month (N°)	23,325	15,084	7,391	5,488	5,447	5,406	5,365	5,325	5,285	5,245	5,206	5,167	5,128	5,090	5,052	4,639	3,666	2,889	2,117	1,351	591	
Accumulated Mortality (N°)	23,325	38,409	45,799	51,287	56,734	62,140	67,505	72,830	78,115	83,360	88,566	93,733	98,861	103,951	109,003	113,642	117,308	120,197	122,314	123,666	124,257	
Mortality for the Month (%)	3.00%	2.00%	1.00%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	
Mortality for the Month (Biomass)	1,866	1,569	1,115	1,076	1,335	1,590	1,972	2,545	3,283	4,399	5,894	7,897	10,581	13,652	16,938	19,248	17,843	15,878	12,598	8,347	3,767	
Accumulated Mortality (Biomass)	1,866	3,435	4,549	5,625	6,960	8,549	10,521	13,066	16,349	20,748	26,642	34,539	45,120	58,773	75,710	94,958	112,801	128,679	141,277	149,624	153,391	
% Accumulated Mortality	3.0%	4.9%	5.9%	6.6%	7.3%	8.0%	8.7%	9.4%	10.0%	10.7%	11.4%	12.1%	12.7%	13.4%	14.0%	14.6%	15.1%	15.5%	15.7%	15.9%	16.0%	
Inventory Difference																						
Harvest (units)															50,000	125,000	100,000	100,000	100,000	100,000	78,243	
Balance EOM	754,175	739,092	731,701	726,213	720,766	715,360	709,995	704,670	699,385	694,140	688,934	683,767	678,639	673,549	618,497	488,858	385,192	282,303	180,186	78,834	0	
Feed (Kg)	19,481	39,625	38,385	41,419	40,788	61,200	91,585	118,168	178,533	244,196	327,192	447,343	511,868	569,421	711,191	536,596	373,811	209,876	66,864	35,357	5,903	
Accumulated Feed (Kg)	19,481	59,106	97,491	138,910	179,698	240,898	332,483	450,651	629,184	873,380	1,200,572	1,647,915	2,159,783	2,729,204	3,440,395	3,976,991	4,350,803	4,560,679	4,627,543	4,662,900	4,668,803	
Feeding rates (%biomass/day)	3.31%	1.17%	0.86%	0.75%	0.68%	0.75%	0.90%	0.87%	1.01%	1.00%	1.00%	1.05%	0.90%	0.84%	0.86%	0.64%	0.56%	0.34%	0.16%	0.14%	0.07%	
SGR		1.24%	0.85%	0.72%	0.65%	0.72%	0.87%	0.85%	1.00%	0.97%	0.97%	1.00%	0.85%	0.74%	0.69%	0.51%	0.43%	0.26%	0.12%	0.10%	0.05%	
FG3																						
Average Weight (gr)	104	151	196	245	294	368	478	621	839	1,132	1,528	2,063	2,682	3,353	4,149	4,867	5,496	5,950	6,177	6,370	6,477	
% Growth	30%	45%	30%	25%	20%	25%	30%	30%	35%	35%	35%	35%	30%	25%	25%	20%	15%	10%	5%	5%	5%	
Historic Water Temperature																						
Harvested Av. Weight (gr) (LWE)															4,800	4,800	5,500	6,000	6,177	6,370	6,477	
Harvested Biomass (LWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	240,000	600,000	550,000	600,000	617,671	637,042	506,749	
Biomass BOM	0	78,434	111,455	143,443	177,958	211,949	262,949	339,269	437,742	586,520	785,864	1,052,959	1,410,834	1,820,328	2,258,344	2,566,351	2,379,051	2,117,101	1,679,704	1,112,956	502,208	
Biomass EOM	78,434	111,455	143,443	177,958	211,949	262,949	339,269	437,742	586,520	785,864	1,052,959	1,410,834	1,820,328	2,258,344	2,566,351	2,379,051	2,117,101	1,679,704	1,112,956	502,208	0	
FCR Monthly	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
FCR Accum.	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	
Net Depth, m	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
Cage	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	
Number of Cages	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Density	0.31	0.43	0.56	0.69	0.83	1.02	1.32	1.71	2.29	3.06	4.10	5.50	7.09	8.80	10.00	9.27	8.25	6.54	5.20	2.94	0.00	
Feed Type	Transfer 50	Transfer 50	Transfer 50	200	200	200	200	500	500	1000	1000	2000	2000	2000	3000	3000	3000	3000	3000	3000	3000	
Pigment %/Kg Panaferd	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.225%	0.225%	0.225%	
Pigment Monthly (Kg.) Panaferd	54	109	106	114	112	168	252	325	491	672	900	1,230	1,408	1,566	1,956	1,476	1,028	472	150	80	13	
Pigment Accum. (Kg.)	53.6	163	268	382	494	662	914	1,239	1,730	2,402	3,302	4,532	5,939	7,505	9,461	10,937	11,965	12,437	12,587	12,667	12,680	

BOM = Beginning of the month
EOM = End of the Month

Summary

Site	Species	First Month	Last Month	Smolts	Initial Biomass	Harvest	Feed	FCR	Mortality	Kg/Smolt	Cycle	Fish Harvested	Mean gutted weight
East Moclett - Organic	ATLANTIC	Oct-22	Jun-24	777,500	62,200	3,751,463	4,668,803	1.27	16.0%	4.83	21	653,243	4.77

Cycle
Site
Species
Area
Last Month

S0 22
East Moclett - Conventional
ATLANTIC
Orkney
Jun-24

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Kg/Smolt Relation	4.91																				
1 Detail	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24
2 # of days per month for feeding	15	30	31	31	28	31	30	31	30	31	31	30	31	30	31	31	28	31	30	31	31
3 Smolt Stocking	1,125,000																				
4 Initial Weight (gr)	80																				
5 Initial Biomass	90,000																				
6 Number BOM	0	1,091,250	1,069,425	1,058,731	1,050,790	1,042,909	1,035,088	1,027,324	1,019,619	1,011,972	1,004,382	996,850	989,373	981,953	974,588	927,279	770,324	614,547	459,938	306,488	154,190
7 Mortality for the Month (N°)	33,750	21,825	10,694	7,940	7,881	7,822	7,763	7,705	7,647	7,590	7,533	7,476	7,420	7,365	7,309	6,955	5,777	4,609	3,450	2,299	1,156
8 Accumulated Mortality (N°)	33,750	55,575	66,269	74,210	82,091	89,912	97,676	105,381	113,028	120,618	128,150	135,627	143,047	150,412	157,721	164,676	170,453	175,062	178,512	180,810	181,967
9 Mortality for the Month (%)	3.00%	2.00%	1.00%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%
10 Mortality for the Month (Biomass)	2,700	2,270	1,613	1,557	1,931	2,300	2,854	3,682	4,750	6,365	8,528	11,427	15,310	19,754	24,508	28,760	28,151	25,387	20,588	14,255	7,412
11 Accumulated Mortality (Biomass)	2,700	4,970	6,582	8,139	10,070	12,370	15,224	18,906	23,656	30,021	38,549	49,976	65,287	85,041	109,549	138,309	166,460	191,847	212,435	226,690	234,102
12 % Accumulated Mortality	3.0%	4.9%	5.9%	6.6%	7.3%	8.0%	8.7%	9.4%	10.0%	10.7%	11.4%	12.1%	12.7%	13.4%	14.0%	14.6%	15.2%	15.6%	15.9%	16.1%	16.2%
13 Inventory Difference																					
14 Harvest (units)																40,000	150,000	150,000	150,000	150,000	150,000
15 Balance EOM	1,091,250	1,069,425	1,058,731	1,050,790	1,042,909	1,035,088	1,027,324	1,019,619	1,011,972	1,004,382	996,850	989,373	981,953	974,588	927,279	770,324	614,547	459,938	306,488	154,190	0
16 Feed (Kg)	28,188	57,335	55,541	59,931	59,018	88,553	132,519	170,982	258,328	353,338	473,429	647,281	740,645	823,922	986,678	830,468	593,285	338,287	111,249	63,776	11,617
17 Accumulated Feed (Kg)	28,188	85,523	141,064	200,995	260,014	348,567	481,085	652,067	910,395	1,263,733	1,737,162	2,384,443	3,125,088	3,949,010	4,935,688	5,766,156	6,359,442	6,697,729	6,808,978	6,872,754	6,884,371
18 Feeding rates (%biomass/day)	3.11%	1.17%	0.86%	0.75%	0.68%	0.75%	0.90%	0.87%	1.01%	1.00%	1.00%	1.05%	0.90%	0.84%	0.81%	0.65%	0.56%	0.34%	0.16%	0.14%	0.07%
19 SGR		1.24%	0.85%	0.72%	0.65%	0.72%	0.87%	0.85%	1.00%	0.97%	1.00%	1.00%	0.85%	0.74%	0.68%	0.53%	0.44%	0.26%	0.13%	0.11%	0.05%
20 FG3																					
21 Average Weight (gr)	104	151	196	245	294	368	478	621	839	1,132	1,528	2,063	2,682	3,353	4,135	4,873	5,508	5,968	6,201	6,410	6,516
22 % Growth	30%	45%	30%	25%	20%	25%	30%	30%	35%	35%	35%	35%	30%	25%	24%	20%	15%	10%	5%	5%	5%
23 Historic Water Temperature																					
24 Harvested Av. Weight (gr) (LWE)															4,800	4,800	5,500	6,000	6,201	6,410	6,516
25 Harvested Biomass (LWE)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	192,000	720,000	825,000	900,000	930,220	961,441	997,230
26 Biomass BOM	0	113,490	161,269	207,554	257,496	306,678	380,472	490,904	633,389	848,663	1,137,102	1,523,574	2,041,399	2,633,915	3,267,701	3,834,684	3,753,506	3,384,879	2,745,100	1,900,676	988,294
27 Biomass EOM	113,490	161,269	207,554	257,496	306,678	380,472	490,904	633,389	848,663	1,137,102	1,523,574	2,041,399	2,633,915	3,267,701	3,834,684	3,753,506	3,384,879	2,745,100	1,900,676	988,294	0
28 FCR Monthly	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.23	1.23	1.25	1.25	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30
29 FCR Accum.	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.21	1.21	1.22	1.23	1.24	1.25	1.26	1.26	1.27	1.27	1.27	1.27
30 Net Depth, m	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
31 Cage	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
32 Number of Cages	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
33 Density	0.44	0.63	0.81	1.00	1.19	1.48	1.91	2.47	3.31	4.43	5.94	7.95	10.26	12.73	14.94	14.62	13.19	10.70	8.89	5.78	0.00
34 Feed Type	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50	Transfer 50
35 Pigment %/Kg Panaferd	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%	0.275%
36 Pigment Monthly (Kg.) Panaferd	78	158	153	165	162	244	364	470	710	972	1,302	1,780	2,037	2,266	2,713	2,284	1,632	761	250	143	26
37 Pigment Accum. (Kg.)	77.5	235	388	553	715	959	1,323	1,793	2,504	3,475	4,777	6,557	8,594	10,860	13,573	15,857	17,468	18,250	18,500	18,643	18,670
38																					
39																					

BOM = Beginning of the month
EOM = End of the Month

Summary

Site	Species	First Month	Last Month	Smolts	Initial Biomass	Harvest	Feed	FCR	Mortality	Kg/Smolt	Cycle	Fish Harvested	Mean gutted weight
East Moclett - Conventional	ATLANTIC	Oct-22	Jun-24	1,125,000	90,000	5,525,890	6,884,371	1.27	16.2%	4.91	21	943,033	4.86