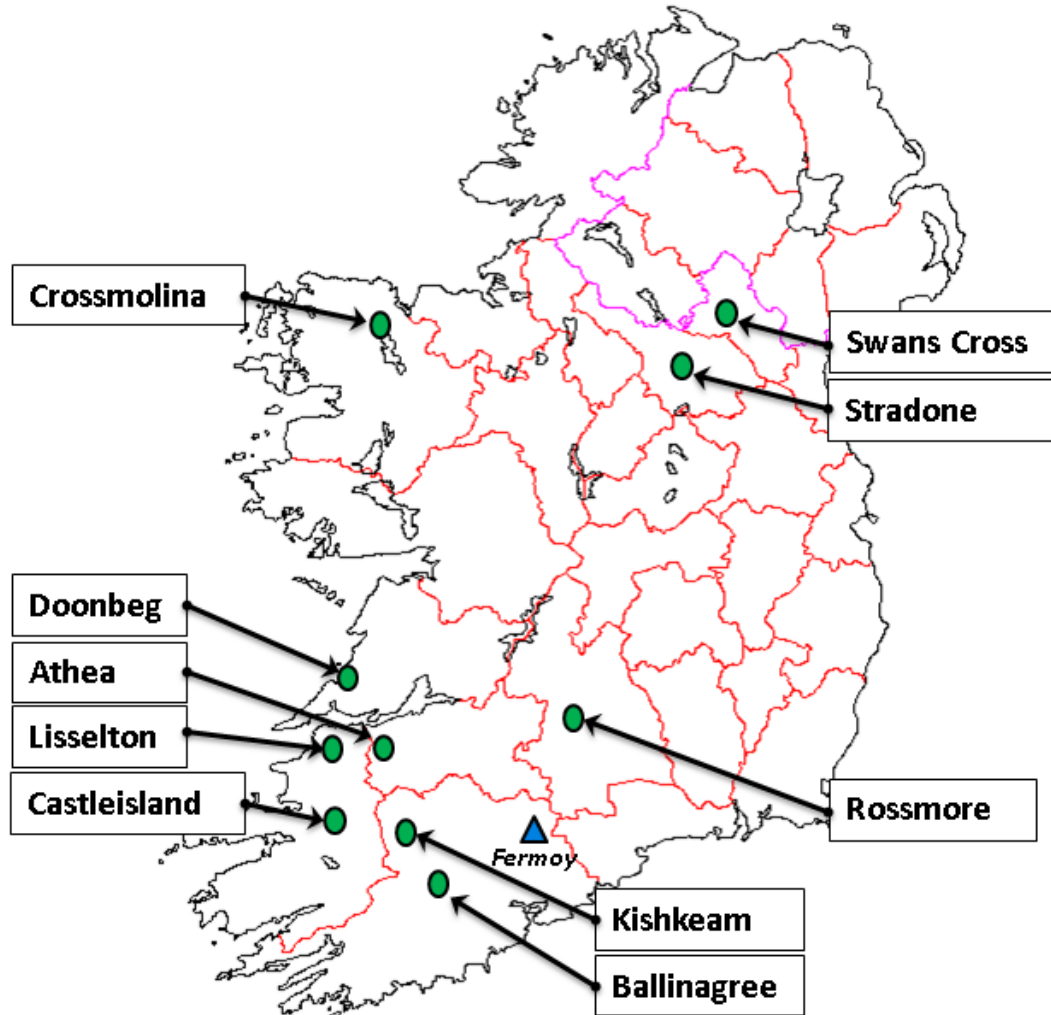


Heavy Soils Programme Review of Farm Performance 30th January 2019 Portlaoise

James O'Loughlin, Ger Courtney and
John Maher

Heavy Soils Programme Farms



HSP Farm Performance 2011 - 2018

Year	Herd Size	Stocking Rate		Herd EBI		6 week calving %
		Farm	MP	Total	Fertility	
2011	78	1.70	2.12	84	47	72
2012	85	1.71	2.27	112	73	68
2013	84	1.69	2.24	134	79	76
2014	88	1.85	2.30	150	87	74
2015	95	1.81	2.45	161	89	74
2016	100	1.85	2.56	82	35	69
2017	104	2.00	2.80	89	39	75
2018	107	2.00	2.90	119	45	74

HSP Comparative Farm Performance 2018

Farms	Herd Size	Stocking Rate		Herd EBI		6 week calving %
		Farm	MP	Total	Fertility	
HSP Mean	107	2.0	2.9	119	45	82
HSP Range	92 -129	1.7 – 2.4	2.4 – 3.6	78 - 153	13 - 88	13 - 87
794 Profit monitors Mean	137	2.31	--	--	--	--

HSP: Average Farm Performance

Year	Milk Solids (kg/ha)	Gross Output		Total Costs		Net Margin	
		(€/Ha)	(c/litre)	(€/Ha)	(c/litre)	(€/Ha)	(c/litre)
2011	850	3236	35.6	1838	20.3	1398	15.3
2012	869	3092	35.4	2143	24.7	948	10.7
2013	940	3689	40.0	2332	25.4	1357	14.6
2014	935	3725	39.0	2134	22.4	1591	16.9
2015	1091	3245	32.2	2145	21.2	1100	10.8
2016	1068	2935	28.3	1911	19.7	954	8.6
2017	1289	4508	38.4	2355	20.1	2153	18.4
2018	1404	4530	37.6	2961	23.3	1571	12.6

HSP: Comparative Farm Performance 2018

Farms	Milk Solids (kg/ha)	Gross Output		Total Costs		Net Margin	
		(€/Ha)	(c/litre)	(€/Ha)	(c/litre)	(€/Ha)	(c/litre)
HSP Mean	1404	4530	37.6	2961	23.3	1571	12.6
HSP Range	1713-1100	3175 - 6098	35.8 – 41.48	2146 - 3762	17.6– 27.2	1479 - 3051	10.1 – 17.6
794 Profit monitors Mean	1177	5365	36.9	3601	24.7	1764	12.2

6 week calving %

Location	2013	2014	2015	2016	2017	2018
Castleisland	69	59	62	80	82	83
Doonbeg	81	78	88	86	86	84
Athea	82	80	85	88	88	87
Kishkeam	87	87	84	76	83	83
Listowel	66	68	67	81	85	71
Rossmore	72	64	69	64	86	88
Ballinagree	74	79	60	72	75	77
Swanscross	--	25	7	15	11	13
Stradone	--	45	24	58	74	83
Average	76*	74*	74*	75(69)	82(73)	82(74)

* 7 only

Grass Production 2018 (>22 walks)

	Date		Walks	Number Grazing	Grazing* Area (Ha)	Tonnes (DM/Ha)			
	First	Last				Grown	Spring	Summer	Autumn
Castleisland	1 st Feb	30 th Dec	37	8	49.7	13.0	0.5	7.1	5.4
Ballinagree	7 th Feb	20 th Nov	27	8	52.8	11.3	1.1	6.5	3.7
Doonbeg	12 th Feb	28 th Dec	37	7	43.9	11.4	0.3	6.7	4.4
Athea	12 th Jan	30 th Dec	39	7	39.3	11.6	0.5	6.9	4.2
Rossmore	7 th Jan	20 th Dec	26	8	29.5	12.7	0.7	7.5	4.5
Kishkeam	7 th Feb	19 th Nov	23	7	42	9.2	0.3	4.8	4.1
Listowel	1 st Feb	20 th Nov	24	6	31.3	12.5	0.6	6.6	5.3
Crossmolina	8 th Mar	8 th Nov	24	5	11.2	8.9	0.1	5.3	3.5
Stradone	24 th Jan	16 th Nov	36	5	37.8	11.3	0.3	7.1	3.9
Swanscross	22 nd Mar	16 th Nov	22	6	33.3	11.2	0.2	6.7	4.3
Average	6 th Feb	2 nd Dec	30	7	37.1	11.3	0.5	6.5	4.3

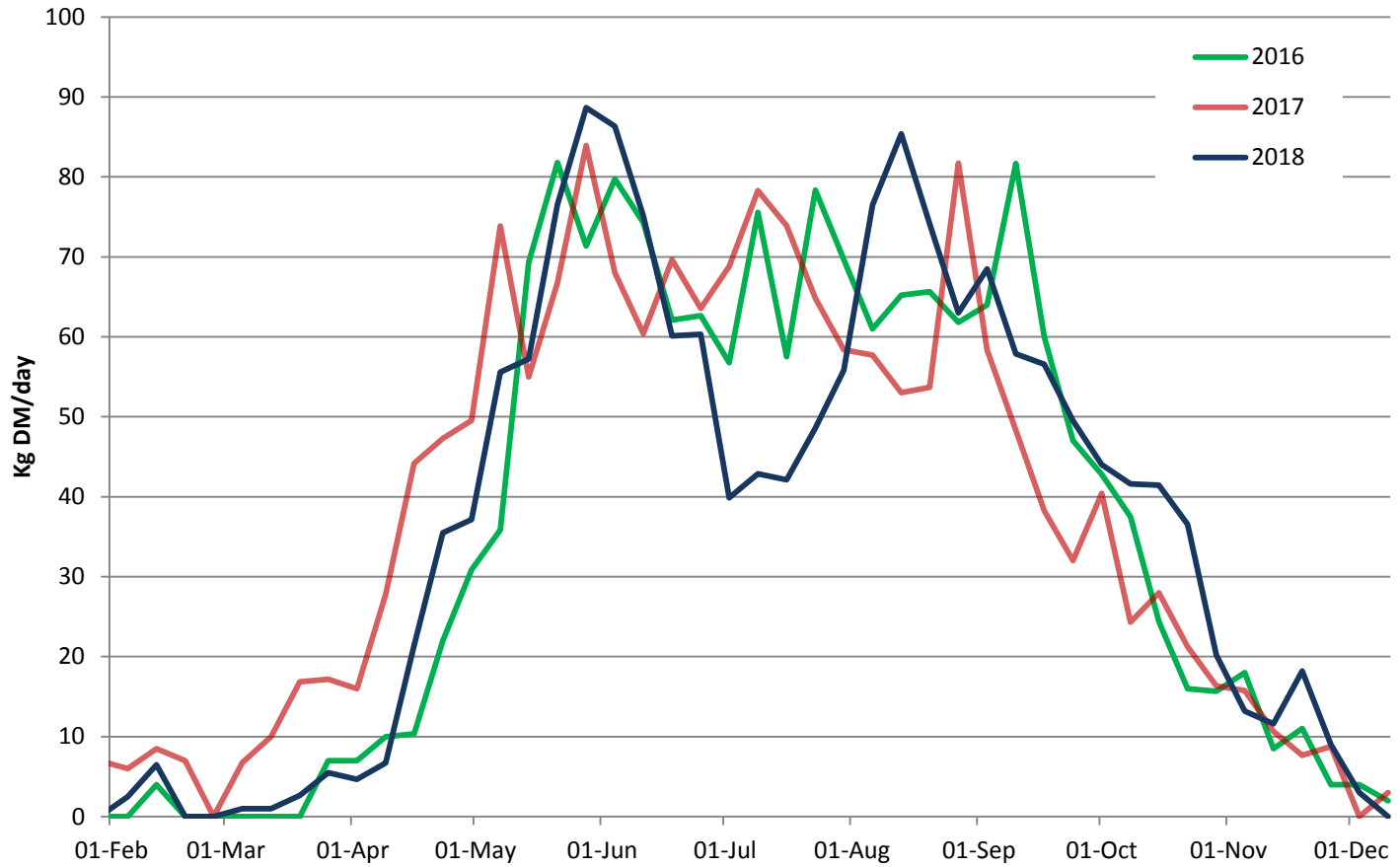
Grass Production Best Grazing Paddock 2018

	Average	Spring	Summer	Autumn		Best Paddock			Spring	Summer	Autumn
						No.	Graz/ Silage	Growth			
Castleisland	13.0	0.5	7.1	5.4		11	9+1	18.1	2.5	9.7	5.9
Ballinagree	11.3	1.1	6.5	3.7		14	10	14.0	1.2	7.9	4.9
Doonbeg	11.4	0.3	6.7	4.4		3	9+2	14.6	0.3	9.1	5.2
Athea	11.6	0.5	6.9	4.2		12	7+1	14.9	0.6	8.6	5.7
Rossmore	12.7	0.7	7.5	4.5		13	9	16.4	0.2	10.7	5.5
Kishkeam	9.2	0.3	4.8	4.1		5	7+1	11.5	0.4	7.1	4.0
Listowel	12.5	0.6	6.6	4.3		3	7+1	16.7	1.2	8.8	6.7
Crossmolina	8.9	0.1	5.3	3.5		33	4+1	12.5	0.1	8.1	4.3
Stradone	11.3	0.3	7.1	3.9		31	2+3	18.8	0.1	10.6	8.1
Swanscross	11.2	0.2	6.7	4.3		17	6+1	16.2	0.1	8.3	7.8
Average	11.3	0.5	6.5	4.3			7+1	15.1	0.7	8.8	5.6

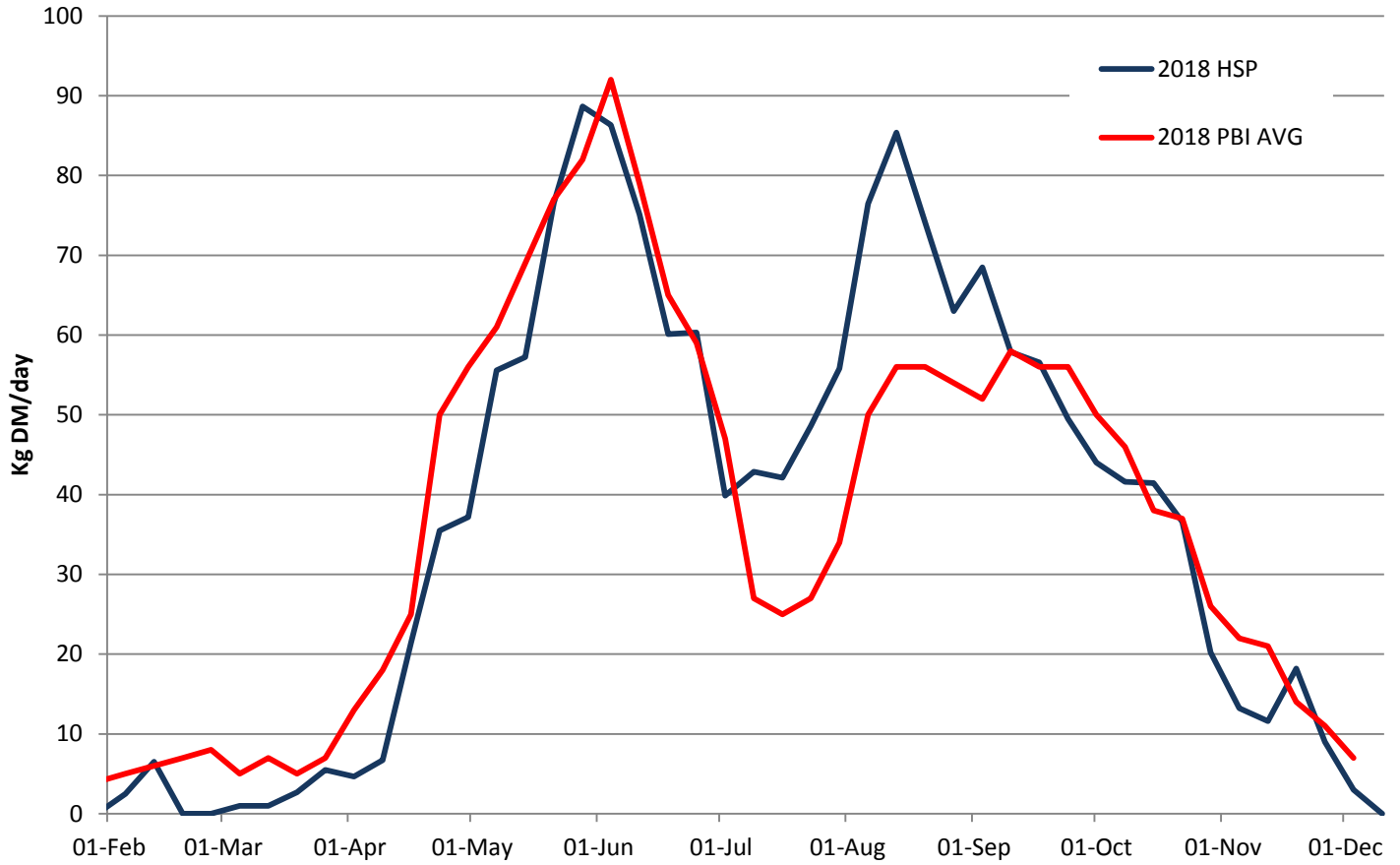
HSP Farms annual Grass growth 2011-2018

Year	Tonnes Grass Dry Matter/Ha
2011	10.6
2012	7.8
2013	10.3
2014	11.0
2015	11.3
2016	11.3 (10.7)
2017	11.9 (10.6)
2018	11.7 (11.3)

Grass Growth



Grass Growth



Ground cover ryegrass%

Location	2011	2012	2013	2014	2015	2016	2017	2018
Castleisland	34	16	26	30	31	24	25	24
Doonbeg	30	22	29	28	28	24	20	26
Athea	26	19	33	37	38	30	30	36
Kishkeam	29	17	25	27	32	25	25	24
Listowel	17	11	18	22	22	18	24	26
Rossmore	28	25	43	40	41	42	35	42
Ballinagree	32	15	27	28	26	28	23	22
Crossmolina	--	--	--	16	20	18	16	20
Stradone	--	--	--	--	39	34	34	40
Swanscross	--	--	--	--	44	36	34	32
Average	28	18	29	29	32	28	27	29

Summary

- Financial Performance
 - Highly profitable
 - Improvement in output
 - Cost structure – continued focus
- Grass
 - Production – resilient but improvement necessary
 - Rye grass content – requires attention
- Measurement
 - Improvement but minimum 30 measurements required



GRASSLAND FARMER OF THE YEAR



An Roinn Talmhaíochta, Bia agus Mara
Department of Agriculture, Food and the Marine



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