

# Understanding milk quality reports

## Milk Recording - Summary Farm Report

MUNSTER A.I. & FARM SERVICES GROUP  
BALLYVORISHEEN  
MALLOW  
CO. CORK  
Tel: 022/43228

Herd owner: Sample Farmer  
Herd No: IE1234516  
Print date: 28/03/14  
Test date: 21/03/14

Scheme A6

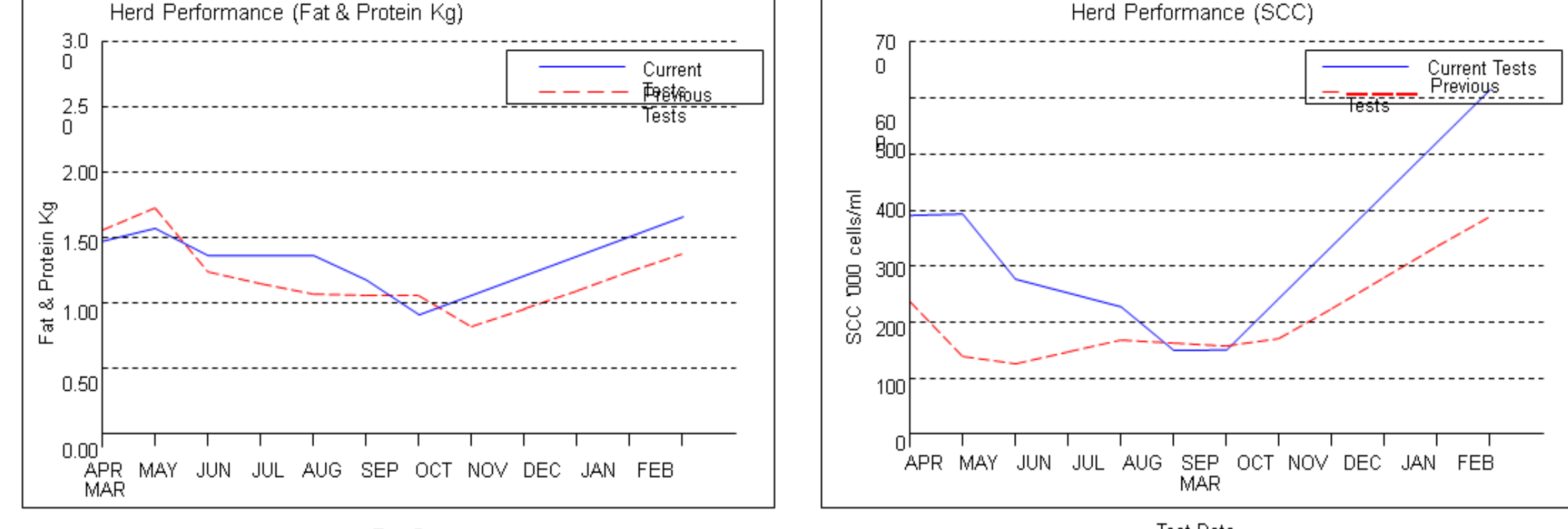
1. Production summaries

Group	Number of cows recorded	Average days in milk	M Kg	M Gall	Test Day / Yield to date / 305 day yield	F% P% L% F Kg	P Kg	F+P Kg	Ave SCC	EBI (Euros)		
<b>Overall</b>	<b>119</b>	<b>30</b>	<b>22.4</b>	<b>4.8</b>	<b>4.22</b>	<b>3.27</b>	<b>4.88</b>	<b>0.94</b>	<b>0.73</b>	<b>1.67</b>	<b>626</b>	<b>165</b>
<b>1st Lactation</b>	<b>39</b>	<b>35</b>	<b>17.9</b>	<b>3.8</b>	<b>4.30</b>	<b>3.26</b>	<b>4.95</b>	<b>0.78</b>	<b>0.59</b>	<b>1.37</b>	<b>637</b>	<b>185</b>
<b>2nd Lactation</b>	<b>29</b>	<b>31</b>	<b>22.4</b>	<b>4.8</b>	<b>4.17</b>	<b>3.21</b>	<b>4.94</b>	<b>0.93</b>	<b>0.72</b>	<b>1.65</b>	<b>387</b>	<b>160</b>
<b>3rd Lactation</b>	<b>15</b>	<b>23</b>	<b>25.9</b>	<b>5.5</b>	<b>4.28</b>	<b>3.36</b>	<b>4.82</b>	<b>1.11</b>	<b>0.87</b>	<b>1.98</b>	<b>215</b>	<b>158</b>
<b>4+ Lactation</b>	<b>36</b>	<b>27</b>	<b>25.6</b>	<b>5.5</b>	<b>4.18</b>	<b>3.29</b>	<b>4.81</b>	<b>1.06</b>	<b>0.83</b>	<b>1.89</b>	<b>976</b>	<b>149</b>
<b>Dry Cows</b>	<b>34</b>	<b>264</b>									<b>0</b>	<b>145</b>

**A**

- Average SCC per lactation
- Number of SCC > 200,000
- Number of mastitis treatments
- Indicates potential contagious mastitis

## 2. Comparative Herd Performance



## 3. Test day production history

Test date	Herd Performance										
	21-MAR'14	06-MAR'13	24-OCT'13	13-SEP'13	03-AUG'13	25-JUN'13	11-MAY'13	06-MAR'13	13-NOV'12	05-OCT'12	14-AUG'12
Number of cows	119	86	2	127	125	144	142	86	88	113	127
Milk kg	22.4	17.9	8.5	14	16.8	17.3	20.5	17.9	9.8	12.6	14.1
Milk gallons	4.8	3.8	1.8	3	3.6	3.7	4.4	3.8	2.1	2.7	3
Fat %	4.22	4.17	6.78	4.49	4.50	4.32	4.12	4.17	4.47	4.39	
Protein %	3.27	3.50	3.97	3.94	3.65	3.59	3.59	3.50	3.89	3.92	
Lactose %	4.88	4.79	4.26	4.63	4.89	4.75	4.85	4.79	4.52	4.51	
Fat kg	0.94	0.75	0.57	0.63	0.76	0.75	0.84	0.75	0.44	0.56	
Protein kg	0.73	0.63	0.34	0.55	0.61	0.62	0.74	0.63	0.38	0.5	
F+P kg	1.67	1.38	0.91	1.18	1.37	1.37	1.58	1.38	0.82	1.06	
<b>SCC</b>	<b>626</b>	<b>395</b>	<b>154</b>	<b>153</b>	<b>232</b>	<b>282</b>	<b>400</b>	<b>395</b>	<b>173</b>	<b>161</b>	<b>170</b>

**B**

- Average SCC for the last 10 recordings
- Can identify trends over year
- Identify potential dry cow issue

## Mastitis Incidence Problem - Cow Report

MUNSTER A.I. & FARM SERVICES GROUP  
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Cow ID	Cow name	I&R-Tag Sire ID	Calv. Date	Lact. Age	Lact. Days	Tests > 200 Mast Treats	Latest SCC % Herd SCC Last treat	Mastitis Incidence History (Current Lactation)					Prev. lact. Ave. SCC Tests > 200 Mast Treats	
								21-mar	24-oct	13-sep	03-aug	25-jun		11-may
1774	GK	IE-1412319-1-1774	06/02/14	1	43	1	3009							
947		IE-1412319-7-0947	19/02/14	7	30	1	3183						280	
1260	OIG	IE-1412319-8-1260	06/02/14	4	43	1	2672						572	
1164	SJT	IE-1412319-2-1164	22/02/14	5	27	1	3183						1794	
1855	HWY	IE-1412319-8-1855	06/02/14	1	43	1	5892						191	
969		IE-1412319-4-0969	18/02/14	7	31	1	2825						2	
1320	OIG	IE-1412319-1-1320	08/02/14	4	41	1	2504						46	
1169		IE-1412319-7-1169	14/02/14	5	35	1	3131						50	
1691	WLI	IE-1412319-1-1691	18/02/14	2	31	1	2468						865	
1301	WKP	IE-1412319-7-1301	23/02/14	4	26	1	280						73	
1682	WIU	IE-1412319-9-1682	22/02/14	2	27	1	3162						291	
1278	MCG	IE-1412319-9-1278	08/03/14	4	13	1	2157						54	
1257	AAP	IE-1412319-4-1257	28/02/14	4	21	1	2021						37	

**C**

**D**

- Cows ranked in order of contribution to herd SCC (%)
- SCC and milk yield taken into account

- Average SCC for lactation
- Shows number of tests > 200,000
- Identify potential dry cow issue
- Must milk record early in lactation