

Republic of Ireland

Same as in Northern Ireland, low use of concentrate and consequently lower milk yield.

\	HOL	NRF X HOL	NRF
1st Lactation			
Cows (no.)	710	292	325
Milk yield (kg)	5356	5339	5149
Fat (%)	3.99	3.97	3.93
Protein (%)	3.46	3.45	3.45
SCC (cells/ml)	190000	137000	131000
Clinical mastitis incidence (%)	15.6	11.9	11.4
1st service conception rate (%)	57	60	60
2nd Lactation			
Survival to 2 nd lactation (%)	89	92	90
Milk yield (kg)	6215	6104	5865
Fat (%)	3.9	3.9	3.9
Protein (%)	3.49	3.49	3.49
SCC (cells/ml)	189000	178000	152000
Clinical mastitis incidence (%)	15	13	12
1st service conception rate (%)	46	56	55
3rd Lactation			
Survival to 3 rd lactation (%)	67	73	78
Milk yield (kg)	6536	6486	6248
Fat (%)	4.0	4.0	4.0
Protein (%)	3.55	3.55	3.54
SCC (cells/ml)	226000	218000	207000
1st service conception rate (%)	48	61	63
Extra Profit			
Extra profit per lactation relative to pure Holstein:			
• Pure NRF	= RMB 1410 (EUR 144)		
• NRF X HOL	= RMB 1400 (EUR 143)		
Extra profit is due to improved health and immune system, improved reproduction and better survival (longevity).			