

Future outlook for the Irish dairy industry: a study of international competitiveness, influence of international trade reform and requirement for change

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Abstract

European Union (EU) trade liberalisation policies will continue to push EU milk price downwards and necessitate increased efficiency and scale at farm and processing level to maintain profitability. In Ireland pasture-based dairying, based on the efficient conversion of grazed grass into milk can be competitive within the EU. Continued technical innovation increasing animal performance from grazed grass, increasing herd genetic potential and developing labour efficient lower fixed cost systems will be essential. At processing level, increased efficiency in commodity processing, higher margin product development and the evolution of milk payment systems to reflect the true product value of supplies received will be required.

REFERENCES

Agri Vision 2015 Committee (2004) Report of the Agri Vision 2015 Committee. <http://www.agri-vision2015.ie>.

[Google Scholar](#) 

Benjamin C, Gohin A and Guyomard H (1999) The future of European Union Dairy Policy. *Canadian Journal of Agricultural Economics* 47 91-101.

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Binfield J, Donnellan T, Hanrahan K and Westhoff P (2007) *World Agriculture Trade Reform and the WTO Doha Round: Analysis of the Impact on EU and Irish Agriculture*. Teagasc, Rural Economy Research Centre Galway.

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Boyle G E, Kearney B, McCarthy T and Keane M (1992) The Competitiveness of Irish Agriculture. Allied Irish Banks and Irish Farmers Journal. Dublin, Ireland: Irish Farmer's Journal.

| [Google Scholar](#) |

Breen J and Hennessy T (2003) The impact of the MTR and WTO reform on Irish farms. *FABRI Ireland Outlook 2003 Medium Term Analysis for the Agri-Food Sector*. Teagasc, Rural Economy Research Centre Dublin.

| [Google Scholar](#) |

Connolly L, Kinsella A, Quinlan G and Moran B (2005) *National Farm Survey 2004*. Galway, Ireland: Teagasc, Farm Surveys Department, Rural Economy Research Centre.

| [Google Scholar](#) |

Connolly L, Kinsella A, Quinlan G and Moran B (2006) *National Farm Survey 2005*. Galway, Ireland: Teagasc, Farm Surveys Department, Rural Economy Research Centre.

| [Google Scholar](#) |

Dairy Research International (2004) Dairy Economic Indicators. Surrey, UK: Dairy Research International.

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Department of Agriculture and Food (2006) *Annual Review and Outlook for Agriculture and Food 2005/2006*. Dublin, Ireland: Department of Agriculture and Food, Corporate Affairs Division.

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Eurostat (2003) Milk Statistics Database <<http://europa.eu.int/newcronos/>>. Accessed 15 July 2003.

Evans R D, Dillon P, Buckley F, Berry D P, Wallace M, Ducrocq V and Garrick D J (2006) Trends in milk production, fertility and survival of cows in 14 Irish dairy herds as a result of the introgression of Holstein-Friesian genes. *Animal Science* **82** 423–433.

Fingleton W A (1995) Comparative costs and returns for milk production in EU countries. Paper presented at the Annual Conference of the Agricultural Economics Society of Ireland, Dublin, October 1995.

French P, Ryan T and O'Loughlin J (2006) Cost effective wintering options. In *New Vision for the Irish Dairy Industry*. Proceedings of the Teagasc National Dairy Conference 2006, Teagasc, Carlow, pp. 60–66.

Hennessy T, Shalloo L and Dillon P (2005) The economic implications of complying with a limit on organic nitrogen in a decoupled policy environment—an Irish case study. *Journal of Farm Management* **12** 297–311.

Hennessy T and Thorne F (2006) *The Impact of WTO Doha Development Round on Farming in Ireland*. Galway, Ireland: Teagasc, Rural Economy Research Centre.

Horan B, Mee J F, Rath M, O'Connor P and Dillon P (2004) The effect of strain of Holstein-Friesian cow and feed system on reproductive performance in seasonal-calving milk production systems. *Animal Science* **79** 453–469.

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Irish Cattle Breeding Federation (2005) *Irish Cattle Breeding Statistics*. Co. Cork, Ireland: *Irish Cattle Breeding Federation*.

| [Google Scholar](#) |

Irish Dairy Board (1978) Annual Report. Dublin, Ireland: Irish Dairy Board Head Office.

| [Google Scholar](#) |

Irish Dairy Board (1980) *Annual Report*. Dublin, Ireland: Irish Dairy Board Head Office.

| [Google Scholar](#) |

Irish Dairy Board (1985) *Annual Report*. Dublin, Ireland: Irish Dairy Board Head Office.

| [Google Scholar](#) |

Irish Dairy Board (1990) *Annual Report*. Dublin, Ireland: Irish Dairy Board Head Office.

| [Google Scholar](#) |

Irish Dairy Board (1995) *Annual Report*. Dublin, Ireland: Irish Dairy Board Head Office.

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Irish Dairy Board (2000) *Annual Report*. Dublin, Ireland: Irish Dairy Board Head Office.

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Lips M and Rieder P (2005) Abolition of raw milk quotas in the European Union: a CGE analysis at the member country level. *Journal of Agriculture Economics* **56** 1-17.

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Lopez-Villalobos N, Garrick D J, Holmes C W, Blair H T and Spelman R J (2000) Profitabilities of some mating systems for dairy herds in New Zealand. *Journal of Dairy Science* **83** 144-153.

| [CAS](#) | [PubMed](#) | [Web of Science®](#) | [Google Scholar](#) |

National Farm Survey (19902003) *National Farm Survey Report*. Galway, Ireland: Teagasc, Rural Economy Research Centre.

| [Google Scholar](#) |

O'Donovan K (2006) Labour efficiency on Irish Dairy Farms. PhD Thesis. The National University of Ireland. Dublin.

| [Google Scholar](#) |

Pitts E and O'Reilly P (2002) Strategic direction for the Irish dairy industry in a freer market. A discussion document. Teagasc, Rural Economy Research Centre, Dublin 4.

| [Google Scholar](#) |

Plaizier J C B, King G J, Dekkers J C M and Lissemore K (1997) Estimation of economic values of indices for reproductive performance in dairy herds using computer simulation. *Journal of Dairy Science* **80** 2775-2783.

| [CAS](#) | [PubMed](#) | [Web of Science®](#) | [Google Scholar](#) |

Promar International (2003) Prospectus strategic development plan for the Irish dairy processing sector.

| [Google Scholar](#) |

Prins J F and Voorkamp P F (2001) The incorporation of fertility indices in genetic improvement programmes. In

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Veerkamp R F, Dillon P, Kelly E, Cromie A R and Groen A F (2002) Dairy cattle breeding objectives combining yield, survival and calving interval for pasture-based systems in Ireland under different milk quota scenarios. *Livestock Production Science* **76** 137-151.

| [Web of Science®](#) | [Google Scholar](#) |

Wallace M, Breen J and Crosse S (2002) Milk pricing revisited: equity, transparency and producer incentives. *Irish Grassland Association Journal* **36** 106-119.

| [Google Scholar](#) |

Whetstone L (1999) The perversity of agricultural subsidies. In *Fearing Food, Risk, Health and Environment*, pp. 123. J Morris and R. Roger Bate eds. London, UK: Butterworth- Heinemann.

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