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

Organic farming

Context

Farm to Fork strategy target 25% ag land by 2030

PfG target 7.5% of land in organics

Climate Action Plan 2021

CAP funding €256m

Bovine herd 2019

NPH	Herdnumbers	Area	Bovines	Dairy cows
≤100	48	48	32%	4%
100-130	9%	10%	15%	7%
131-170	9%	11%	20%	24%
> 170	9%	14%	33%	65%

PRINCIPLES *of* ORGANIC AGRICULTURE

Principle of HEALTH

Organic Agriculture should sustain and enhance the health of soil, plant, animal, human and planet as one and indivisible.

Principle of ECOLOGY

Organic Agriculture should be based on living ecological systems and cycles, work with them, emulate them and help sustain them.

Principle of FAIRNESS

Organic Agriculture should build on relationships that ensure fairness with regard to the common environment and life opportunities.

Principle of CARE

Organic Agriculture should be managed in a precautionary and responsible manner to protect the health and well-being of current and future generations and the environment.

FARM SAFETY NOTICE

No unauthorised persons allowed beyond this point

BEWARE
Livestock can be dangerous

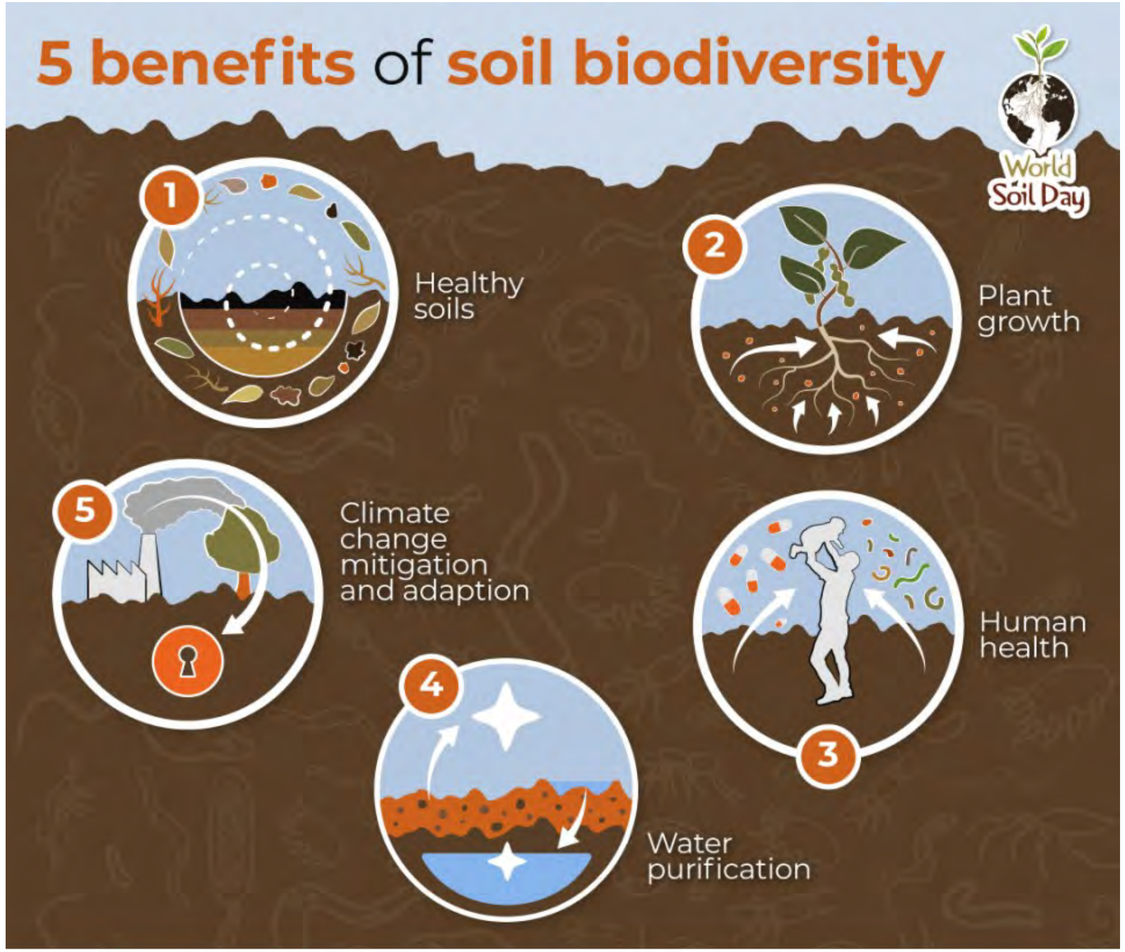
CAUTION
Farm machinery in operation

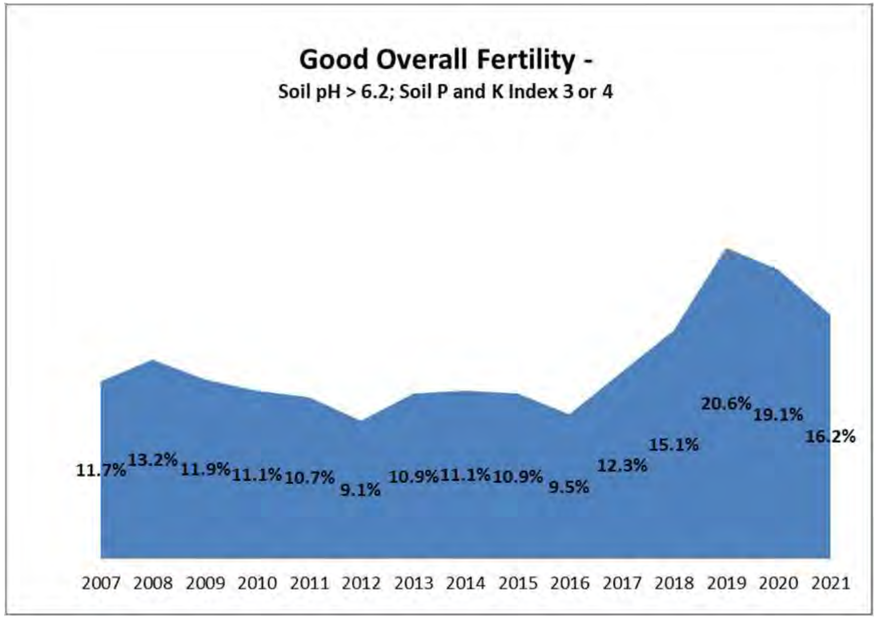
This is not a playground!

THINK SAFETY FIRST!

FARM SAFETY STATEMENT AVAILABLE ON REQUEST

Soil health





Food and Agriculture Organization of the United Nations

GLOBAL SOIL PARTNERSHIP

White clover

The Journal of Agricultural Science

Production and quality benefits of white clover inclusion into ryegrass swards at different nitrogen fertilizer rates

Published online by Cambridge University Press: **26 June 2018**

D. Enriquez-Hidalgo, T. J. Gilliland, M. Egan and D. Hennessy

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Article contents

Abstract

A 4-year (2010–2013) plot study was undertaken to evaluate the effect of nitrogen (N) fertilizer rate (0, 60, 120, 196 and 240 kg N/ha/year) on seasonal responses and species persistency in frequently and tightly grazed (⩽4 cm) grass-only (GO) and grass white clover swards (GWc). Increasing N application rate increased herbage removed and pre-grazing sward height. Cows frequently grazed the GWc tighter than the GO. Increasing N rate reduced clover content, especially during the warmest months of the year, but less so up to 120 kg N/ha/year. The GWc had greater amounts of herbage removed than GO in the May–September period but the effect was less as N rate increased. Cumulative herbage removed from GWc was greater than GO swards receiving the same N rate and herbage quality was better in GWc than GO. Such effects were reduced as swards aged and with increasing N rate. It was concluded that under frequent and tight grazing management: (1) clover inclusion increased annual herbage removed; (2) herbage removed from GWc swards receiving no N was the same as the GO sward receiving 240 kg N/ha, and greater for the 240 GWc swards than the 240 GO swards; (3) clover inclusion benefits were mainly from summer onwards; (4) the management strategy applied in the current experiment may be capable of alleviating the detrimental effect of N fertilizer on clover, to a point between 60 and 120 kg N/ha.

Keywords

mixed sward | Trifolium repens | intensive grazing | herbage production and quality | N use efficiency

Red clover (24/01/22)

Managing red clover on dairy farms

James Humphreys, Daniel Barrett,
Owen Cashman, William Burchill

Teagasc
Agriculture and Food Development Authority

Waterford Institute of Technology
Institiúid Teicneolaíochta Phort Láirge

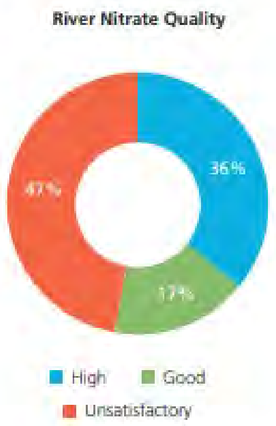
Multispecies

(19/03/21 J Finn, 16/04/21 UCD)

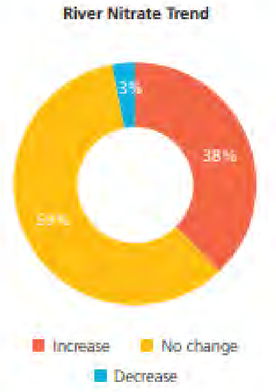
Recent water quality and trends

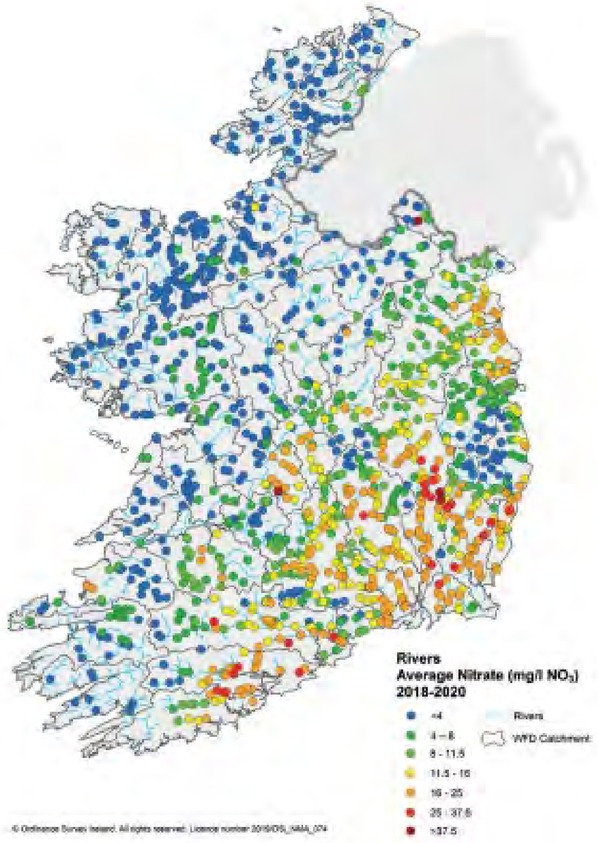
River nitrate

Quality

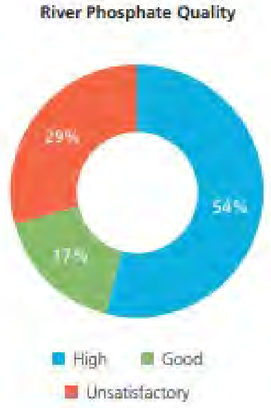


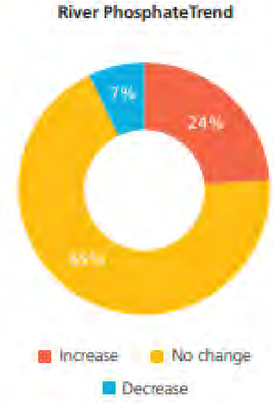
Trends

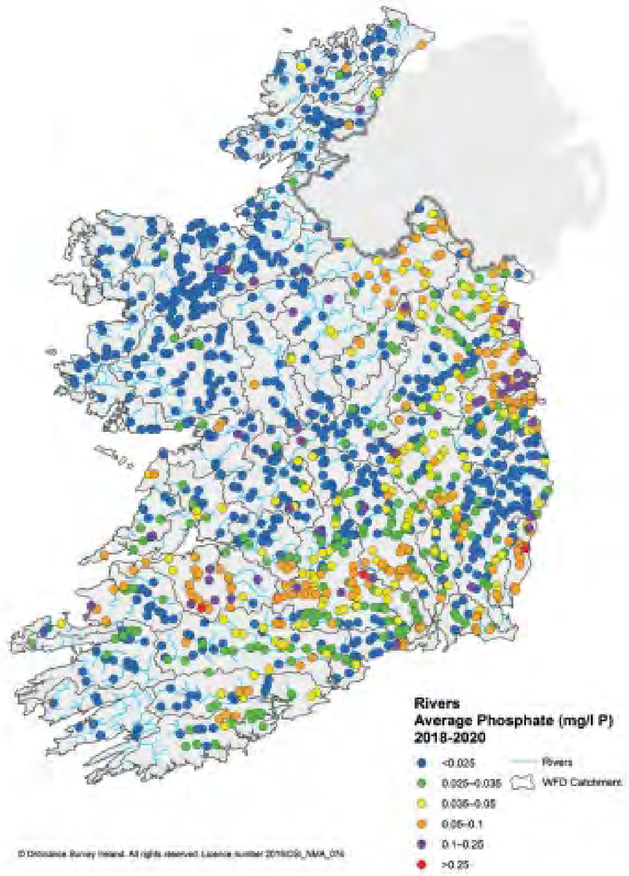




River phosphate



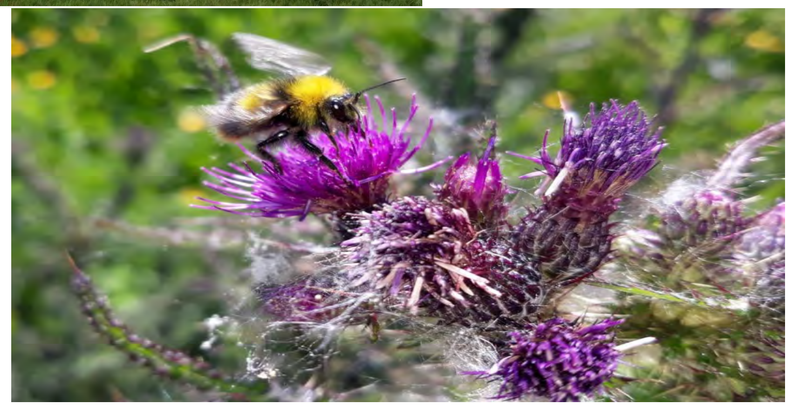




https://www.epa.ie/publications/monitoring--assessment/freshwater--marine/EPA_NItrogenandPhosporous_Concentrations_2020.pdf

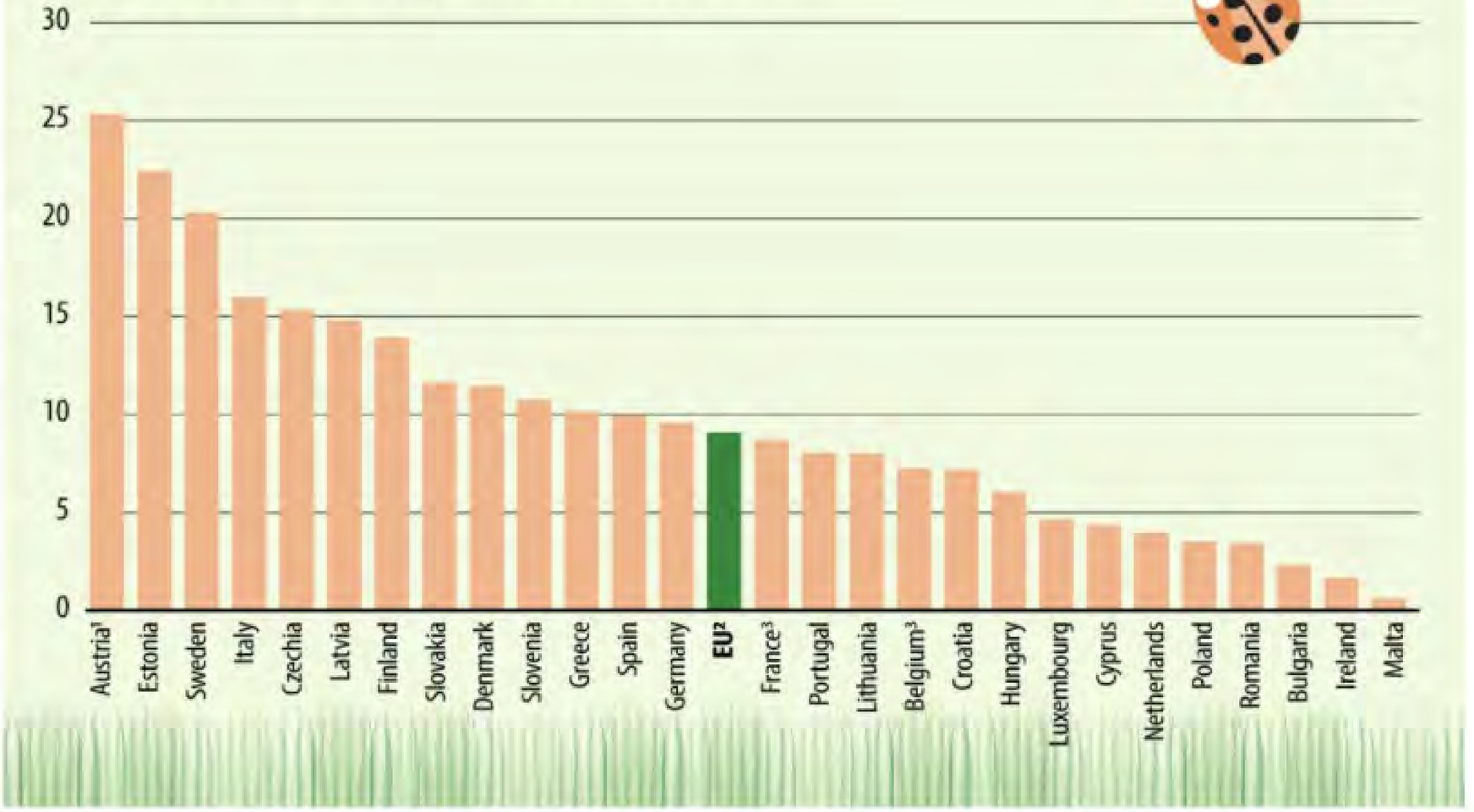
Source: EPA

Biodiversity



Organic area

(% share of total utilised agricultural area, 2020)



1. 2019 data
2. Estimated
3. Provisional

ec.europa.eu/**eurostat**

EUROPE:
ORGANIC RETAIL SALES 2020

EU 27

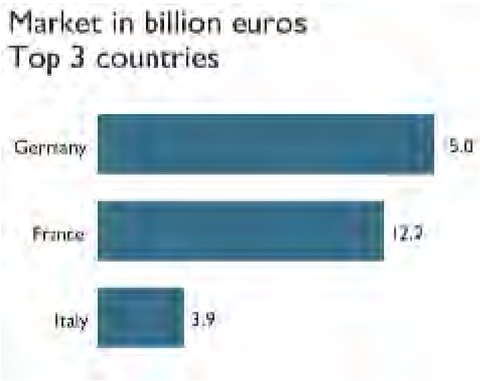
€44,8 bn

The largest single market is the USA (49.5 billion €), followed by the EU (44.8 billion €). By region, Northern America has the lead (53.7 billion €), followed by Europe (52.0 billion €) and Asia (12.5 billion €).

Distribution of retail sales by region 2020

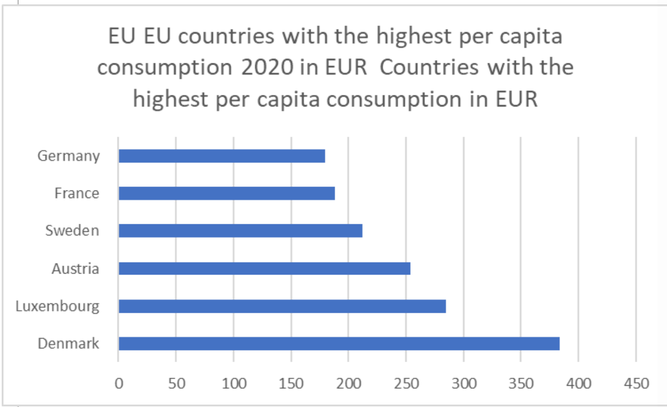
Germany
€15 bn

Total EU €45 bn



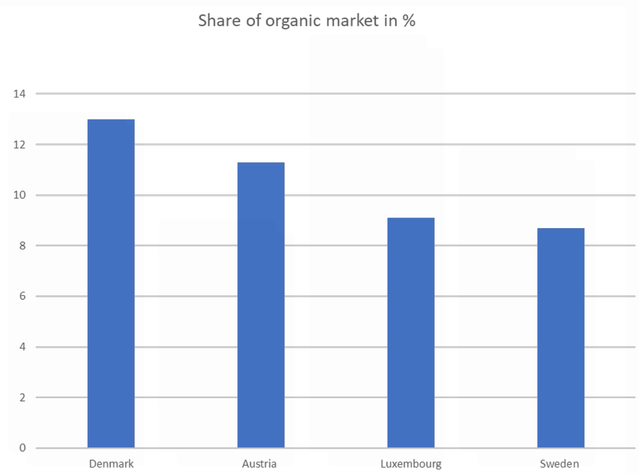
The 3 EU MS with the largest retail sales for organic food 2020 [billion €]

€384
spent per person in Denmark



€ 102/capita in EU

13 % of grocery in Denmark is organic



Agriculture and Rural Development

Source: FiBL survey 2020 http://statistics.fibl.org/

BORD BIA
IRISH FOOD BOARD

Back to jobs

Organic Sector Manager

Dublin, Ireland

Full Time

Organic Sector Manager

Dublin

Reports To: Director, Meat, Food & Beverages
Grade: 4

The salary scale for this role is €70,857 - €83,981; with Long Service increments of LSI1: €86,687 & LSI2: €89,398.

New Entrants to the Public Sector commence on the first point of the Scale

Purpose

Bord Bia has a vision that customers around the globe recognise that Irish food and drink is world-class; that it is high quality, distinctive, and made by a diverse range of creative producers from a unique and fortuitous island location.
Our purpose is to bring Ireland's outstanding food, drink and horticulture to the world, thus enabling growth and sustainability of producers.

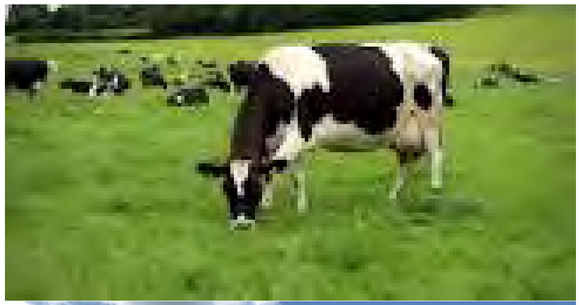
In line with Ireland's Food Vision 2030 commitment to developing our Organic production offer, this role will develop and implement Bord Bia's Organic strategy and plans, in line with Bord Bia Strategy, through deep client and stakeholder relationships, connecting the organisation and the organic sector thru leading market intelligence and insight.

What you'll do

1. Be the Organic Sector expert of Bord Bia in the delivery of services to support the sustainable growth of the Irish organic sector for clients across Meat & Livestock, Dairy, Seafood, Horticulture, and PCF. This will mean working directly with some clients who are wholly organic, and collaboratively with other sector managers for partially organic clients.
2. Develop and implement an organic cross sector strategy, in-line with the Bord Bia strategy, and deeply embed the proposition in all functional area's going forward.

Organic Farming Scheme (OFS)

- Budget of €256 million
- Priority access to ACRES
- 50% TAMS rate

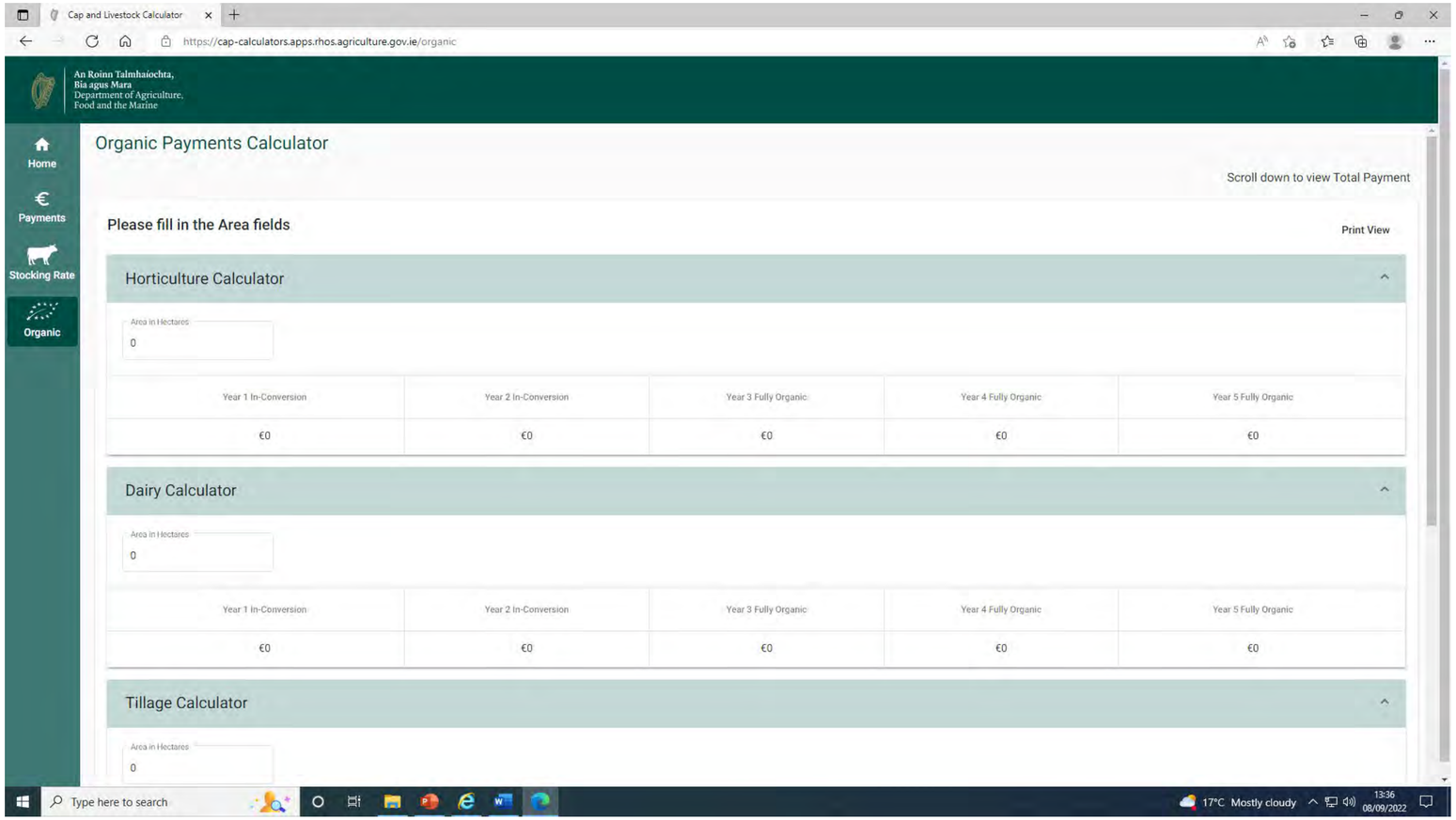


Payment rates

	Year 1-2 (in conversion) 1 - 70 ha €/ha	Year 3 – 5 (fully converted) 1 - 70 ha €/ha
Drystock	€300/ha	€250/ha
Tillage	€320/ha	€270/ha
Dairy	€350/ha	€300/ha
Horticulture	€800/ha	€600/ha

- Participation payment €2000 yr 1 of conversion
- €1400 annum thereafter

Payment calculator



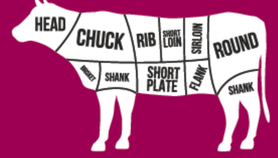
- https://cap-calculators.apps.rhos.agriculture.gov.ie/payments

Advisory support

- ACA
- NOTS
- Teagasc

Agriculture and Food Development Authority

2027 SECTORAL ROAD MAP: BEEF



Suckler calf-to-beef	Industry		Research performance[3]	
	Current[1]	2027[2]	Low stocking rate	High stocking rate
Stocking rate (LU/ha)	1.6	1.8	1.6	2.6
Calving interval (days)	394	390	365	365
Six-week calving rate (%)	53	60	80	80
Calving at 23-26 months (%)	22%	29%	100	100
Calves/cow/year	0.85	0.87	0.95	0.95
Herbage utilised (t DM per ha)	6.2	7.2	6.4	10.6
Concentrates per LU (kg as fed)	299	334	360	360
Forage in the diet (%)	93	92	92	92
Steer carcass weight (kg)	395	385	394	394
Steer age at slaughter (months)	28	27	22	22
Steer grading	R+3=	R+3=	R+3+	R+3+
Heifer carcass weight (kg)	333	325	328	328
Heifer age at slaughter (months)	25	24	20	20
Heifer grading	R=3=	R=3=	R=3=	R=3=
Organic N (kg/ha)	116	136	122	202
Fertiliser N (kg/ha)	83	80	77	215 (150[4])
GHG (kg CO_2 e/kg carcass)	23.5	22.2	18.6	20.0
Percentage slurry applied by LESS	5%	75%	100	100
Carcass weight output (kg/ha)	241	290	321	531
Production costs (€/kg carcass)	4.11	3.64	3.09	3.11
Gross output (€/ha)	1,028	1,216	1,266	2,094
Gross margin (€/ha)	494	615	766	1,045
Net margin (€/ha)	38	159	274	440

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2027 SECTORAL ROAD MAP: SHEEP

Table 1: Technical and financial performance for midseason flocks with at least 40 breeding ewes.

Sectoral average	Current*	Industry target 2027	Current research performance
Litter size	1.48	1.75	>2.1
Ewes lambed (%)	96	96	96
Lambs weaned per ewe joined	1.37	1.55	>1.85
Lamb mortality (%)	7.6	<8	<12
Stocking rate (ewes/ha)	7.8	9	12
Concentrate input (kg/ewe)	103	50	35
Chemical nitrogen (kg/ha)	73	85**	132
Carcass weight (kg/ha)	225	280	>445
Lambing date		Lambing to grass	
Direct cost (€/ha)	523	570	700
Gross margin (€/ha)	659	825	1,400
Fixed costs	510	500	550
Net margin (€/ha) (excl. support payments)	149	325	850

Organic Processing Investment Grant Scheme

- Exchequer-funded
- @ 40% of the eligible cost
- Maximum aid payable is €700,000 (2015 to 2022)

Organic sector strategy 2019-2025

- Marketing
- Education, training, research
- Procurement
- Organic strategy forum
- Advisors

Steps to organic farming

Visit an organic farm

Sept 28th National organic beef open day

Ross, Golden, Cashel, Co Tipperary Eircode: E25 RP20

Contact IOA text 51444 or call Organic Trust 045 882377

Assess farmyard and production, soil fertility,

silage buffer, animal health etc

Steps to organic farming

- Compare income
- Prepare conversion plan
- Apply for OFS
- Attend training
- Farm organically