

Bord Bia Farm Sustainability Survey

The Farm Sustainability Survey was introduced by Bord Bia in 2011 to gather information in relation to the sustainability performance of members. This information can be used in conjunction with the Bord Bia/Teagasc Carbon Navigator to set targets to increased efficiencies on your farm. The Survey also allows a carbon footprint to be generated for each participating farm.

The Survey should take between 20 – 30 mins to complete and will help reduce the time it takes to complete your upcoming audit.

Please complete in advance of your audit by **(1)** using this form or **(2)** going online at farm.bordbia.ie and using your Herd Number and PIN (recently communicated to you via

letter) or **(3)** over the phone with the Bord Bia Helpdesk team on **01 5240410**.

Please provide full and accurate information for the **last calendar year** (e.g. answers should be based on your enterprise in 2019 for surveys completed in 2020). Responses will not influence the outcome of your audit, but you must complete the Survey to be considered for certification.

All answers will be kept strictly confidential by Bord Bia and will only be used to calculate the carbon footprint for your farm and provide feedback on the sustainability performance via the tools outlined on Page 7.

If you have any queries about this Survey, please contact a member of the Bord Bia Helpdesk team on 01 5240410.

Part 1 - Housing and Turnout 

1. Please complete the housing and turnout information below for each relevant cattle category

| | Housed Full Time All Year? <i>i.e. where no outdoor grazing at any time</i> | Grazing Full Time All Year? <i>i.e. no housing at any time</i> | Average Turnout (Date) | Average Housing (Date) | Additional housing during the grazing season <i>(Number of Days)</i> | Manure Storage <i>Enter % of manure that is stored as slurry (%)</i> |
|-------------------------------------|--|---|------------------------|------------------------|---|---|
| Suckler Cows | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | __/__/20__ | __/__/20__ | | % |
| Weanlings/Yearlings/Stores | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | __/__/20__ | __/__/20__ | | % |
| Finishing cattle (steers & heifers) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | __/__/20__ | __/__/20__ | | % |
| Finishing cattle (young bulls) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | __/__/20__ | __/__/20__ | | % |
| Dairy Cows | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | __/__/20__ | __/__/20__ | | % |

Part 2 - Manure Management 

2. Please complete the manure spreading information below using **one row** for each **Date of Spreading**

| Approx. Date of Spreading (Date) | Manure Spreading | | Area Spread <i>Unit & value</i> <input type="checkbox"/> Ha <input type="checkbox"/> ACs | Slurry Application Method | | |
|---|---|---|--|---------------------------|-----------------------------|----------------------------------|
| | % Slurry Spread (on that date) of total applied in year | % Dung Spread (on that date) of total applied in year | | Splash plate | Dribble Bar / Band Spreader | Trailing Shoe / Direct Injection |
| 1 | __/__/20__ | % | % | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | __/__/20__ | % | % | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | __/__/20__ | % | % | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | __/__/20__ | % | % | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | __/__/20__ | % | % | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Total Applied in year must equal 100% (if applied) | 100 % | 100 % | | | | |

3. Proportion of slurry within the following structure types? 4. Manure exported from Beef and Dairy enterprise?

| | <i>Please indicate the % of total slurry stored in each of the following structure types:</i> |
|---|---|
| Slatted Tank | % |
| Uncovered Tank | % |
| Lined Lagoon | % |
| Unlined Lagoon | % |
| Total must equal 100% where slurry is stored on farm | 100 % |

tonnes *Enter total bovine manure exported last year (if any) 1 tonne = 1000 litres or 220 Gallons*

5. Slurry imported to Beef and Dairy enterprise?
 tonnes *Enter approx. total of slurry imported last year (if any)*

6. Type of manure imported to Beef and Dairy enterprise?
Mark all boxes that apply

None Pig Other (e.g. sludge from food processing)

Bovine Poultry

Part 3 - Feeding 

7. Cattle Feeding Please complete the table below using one row for each category using **fresh weight** values only

| | Compound Rations <i>including straights</i> | | | | | | Alternative Forage <i>including maize silage, whole crop, kale, fodder beet, etc.</i> | |
|--|--|----------------|--|---|----------------|--|--|---|
| | Indoor | | | Outdoor <i>(Additional to Grazing)</i> | | | Indoor | Outdoor <i>(Additional to Grazing)</i> |
| | No. Weeks Fed | Avg. Rate Fed | Feed Including Soya? | No. Weeks Fed | Avg. Rate Fed | Feed Including Soya? | Avg. Rate Fed | Avg. Rate Fed |
| Suckler Cows | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | kgs/animal/day | kgs/animal/day |
| Weanlings / Yearlings / Stores | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | kgs/animal/day | kgs/animal/day |
| Finishing cattle (steers & heifers) | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | kgs/animal/day | kgs/animal/day |
| Finishing cattle (young bulls) | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | weeks | kgs/animal/day | <input type="checkbox"/> Yes <input type="checkbox"/> No | kgs/animal/day | kgs/animal/day |

8. Dairy Feeding Please complete the tables below for dairy feeding using **fresh weight** values only

| | Jan | Feb | Mar | Apr | May | June | Jul | Aug | Sep | Oct | Nov | Dec |
|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Monthly Dairy Cow Feeding Rate Fed - (Kgs/cow/day) | | | | | | | | | | | | |
| Compound Rations (including straights) | kgs |
| Including Soya? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

9. Dairy Feeding of Alternative Forages (Dairy Only) Please complete the table below using **fresh weight** values only

| | Maize Silage | | Whole-Crop | | Other (e.g. kale, fodder beet) | |
|---|--------------|-----------------|------------|-----------------|--------------------------------|-----------------|
| | (Rate Fed) | (Days per year) | (Rate Fed) | (Days per year) | (Rate Fed) | (Days per year) |
| Alternative Forage Feeding of Dairy Cows | kgs | days | kgs | days | kgs | days |

10. Calves reared using milk / milk replacer?

| Number of own calves reared using milk/milk replacer? | Number of bought-in calves reared using milk/milk replacer? |
|--|--|
| calves | calves |

11. Milk fed to calves (if applicable)

| | Quantity Fed <i>(litres/calf/day)</i> | Duration Fed <i>(weeks)</i> |
|---------------------------------|--|--------------------------------|
| Whole milk fed to calves | litres | weeks |
| Replacer fed to calves | litres | weeks |

Part 4 - Silage (Beef & Dairy) 

12. Please complete the table below for each cut of silage

| | Approx. Harvest Date | For Pit Silage | For Baled Silage | Area Harvested | | DMD % <i>If Known (%)</i> |
|----------------------------------|---|--|--|-----------------------------|-----------------------------|------------------------------|
| | | <i>Please enter approx. % of cut used for pit silage (% pit)</i> | <i>Please enter approx. % of cut used for baled silage (% baled)</i> | <input type="checkbox"/> Ha | <input type="checkbox"/> Ac | |
| Silage 1st Cut | __/__/20__ | % | % | | | % |
| Silage 2nd Cut | __/__/20__ | % | % | | | % |
| Silage 3rd Cut | __/__/20__ | % | % | | | % |
| Silage Import or Export | <input type="checkbox"/> Imported <input type="checkbox"/> Exported | Tonnes | Bales | | | % |

Part 5 - Fertiliser Use 

13. Please complete the table below for fertiliser usage on your farm during the **last calendar year**

IMPORTANT NOTE: If your fertiliser is not on the list, then please select the most appropriate one or use the "Other Fertiliser" section.

| | Tick if used | Quantity used | Area Fertilised | | | |
|---|--------------------------|---------------|--------------------------|-----|--------------------------|-----|
| | | (Tonnes) | <input type="checkbox"/> | HAs | <input type="checkbox"/> | ACs |
| 46 - 0 - 0 (Urea) | <input type="checkbox"/> | | | | | |
| 27 - 0 - 0 (C.A.N) | <input type="checkbox"/> | | | | | |
| Protected Urea - 46N | <input type="checkbox"/> | | | | | |
| Protected Urea - 38N | <input type="checkbox"/> | | | | | |
| Protected Urea - 30N | <input type="checkbox"/> | | | | | |
| Protected Urea - 29N | <input type="checkbox"/> | | | | | |
| 27 - 2.5 - 5 (Pasture Sward) | <input type="checkbox"/> | | | | | |
| 24 - 2.5 - 10 (Cut Sward) | <input type="checkbox"/> | | | | | |
| 18 - 6 - 12 | <input type="checkbox"/> | | | | | |
| 10 - 10 - 20 | <input type="checkbox"/> | | | | | |
| 24 - 2.2 - 4.5 | <input type="checkbox"/> | | | | | |
| 23 - 2.5 - 5 | <input type="checkbox"/> | | | | | |
| 23 - 0 - 0 | <input type="checkbox"/> | | | | | |
| 19 - 0 - 15 | <input type="checkbox"/> | | | | | |
| 0 - 7 - 30 | <input type="checkbox"/> | | | | | |
| Ground Limestone | <input type="checkbox"/> | | | | | |
| Granulated Lime | <input type="checkbox"/> | | | | | |
| Other Fertiliser (where N, P, K known) | <input type="checkbox"/> | | | | | |
| Other Fertiliser (where N, P, K known) | <input type="checkbox"/> | | | | | |
| Other Fertiliser (where N, P, K known) | <input type="checkbox"/> | | | | | |

Part 6 - Energy Use and Renewables 

14. Please enter the quantity of on-farm fuel used per year?

| | Farm Fuel Used | Not Applicable |
|-------------|----------------|--------------------------|
| Diesel | Litres/year | <input type="checkbox"/> |
| Petrol | Litres/year | <input type="checkbox"/> |
| Electricity | kWh/year | <input type="checkbox"/> |

15. Capacity of installed Renewable Energy (where applicable)?

| | Renewable Energy Source |
|---------------|--------------------------|
| Solar Thermal | m ² installed |
| Solar PV | kW |
| Wind | kW |

16. Please enter the capacity of batteries used for Renewable Energy Storage?

kW *Please enter the total capacity of all batteries, where applicable.*

17. Presence of energy efficiency initiatives?

| | Energy Efficiency Initiative Present on Farm? | | | |
|--|---|-----|--------------------------|----|
| Low energy lighting | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Night rate electricity | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Heat Recovery | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Green Electricity provided by electricity provider | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |
| Energy Consumption Monitoring | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No |

Mark Yes/No where utilised



Part 7 - Supplementary Dairy Questions (Sustainable Dairy Assurance Scheme members Only)

18. Whole milk exported for alternative processing only?

Enter milk exported last year for **alternative processing** (e.g. artisan cheese) and do not include primary/dual supplied milk.

 Litres

19. Use(s) of milk supplied?

Mark **all** that apply

- Liquid/Winter Milk
- Manufacturing Milk

20. Primary focus of dairy breeding strategy?

Mark **one** box only

- Milk Volume
- Milk Solids
- Fertility
- Maintenance (e.g. maintaining good body condition)
- Calving
- Beef Performance
- Health

21. Predominant Milking Frequency?

Mark **one** box only

- Once a day milking
- Twice a day milking
- Robotic milking machine

22. How many units/robots are in the parlour?

 Parlour Units

23. Average duration of milking per day?

 Hours *Enter **average** hours per day*

24. Hot Wash Frequency? Mark **one box only**

- Once per day
- Twice per day
- Once every two days
- Once per week
- Once per month

25. Milk Pump Type? Mark **one box only**

- Diaphragm
- Double Diaphragm
- High Speed
- Single Speed
- Variable Speed Pump

26. Vacuum Pump Power Rating?

 kW *Enter the **total** electrical power rating of vacuum pump(s), where known*

27. Variable Speed Drive (VSD) in place?

Mark **one** box only

- Yes
- No

28. Bulk Tank Volume / Capacity?

 Litres *Enter **total storage capacity** of the tank(s) in regular use (exclude short term peak demand storage)*

29. Water heating power/capacity?

Please enter the **total** power rating for **each** water heating source installed (as applicable) where known. If you have more than one hot water heating system for each energy source please provide the average of the two.

| | Power Rating |
|-------------|--------------------------------|
| Electricity | kW |
| Gas | kW |
| Oil | kW |
| Solar | Please use Q15 in Part 6 above |

30. Hot Water Tank Capacity?

 Litres *Enter total capacity of hot water tank(s)*

31. Milk cooling systems?

Mark **all** boxes that apply

| | In Place |
|---------------------|--------------------------|
| Direct Expansion | <input type="checkbox"/> |
| Plate Cooler | <input type="checkbox"/> |
| Ice Bank | <input type="checkbox"/> |
| Water Chilling Unit | <input type="checkbox"/> |

32. Milk Recording Frequency?

Mark **one** box only

- Once per year
- Twice a year
- Three times a year
- Four times a year
- More than 4 times a year
- None

Part 8 - Water Use



33. Source(s) of potable water used on the farm?

| | Approx. % of potable water supplied from source |
|--------------------|---|
| Mains water source | % |
| Well water source | % |
| Gravity supply | % |

34. Use of Alternative Water Sources (e.g. Collected Rainwater, Recycled Water)

| | Collected Rainwater | Recovered / Recycled Water |
|--------------------------------|--------------------------|----------------------------|
| Used for Animal drinking water | <input type="checkbox"/> | <input type="checkbox"/> |
| Used for Yard wash down | <input type="checkbox"/> | <input type="checkbox"/> |
| Used for Plate cooler | <input type="checkbox"/> | <input type="checkbox"/> |
| Water source not used | <input type="checkbox"/> | <input type="checkbox"/> |

35. Approx. Duration of use of alternative water sources

Please select the approx. duration of use where applicable

| | Collected Rainwater | Recovered / Recycled Water |
|------------------------|--------------------------|----------------------------|
| 0 – 3 months of year | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 – 6 months of year | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 – 9 months of year | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 - 12 months of year | <input type="checkbox"/> | <input type="checkbox"/> |

36. Reasons for use of alternative water source

Please select the reasons for use where applicable

| | Collected Rainwater | Recovered / Recycled Water |
|--------------------------------|--------------------------|----------------------------|
| Seasonal Water Shortages | <input type="checkbox"/> | <input type="checkbox"/> |
| Inadequate Water Quality | <input type="checkbox"/> | <input type="checkbox"/> |
| Inadequate Water Source Supply | <input type="checkbox"/> | <input type="checkbox"/> |
| Minimise Water Use | <input type="checkbox"/> | <input type="checkbox"/> |

Part 9 - Soil and Fertilisation

37. Soil Erosion Management (Livestock)?

Mark **all** boxes that apply

- Roadways
- Suitably positioned water troughs
- Suitably positioned feeding areas
- Fencing
- No soil erosion issues from livestock
- No erosion protection measures from livestock

38. Soil Erosion Management (Machinery)?

Mark **all** boxes that apply

- Avoiding travelling in wet conditions
- Low pressure tyres
- Minimising passes on the field
- No soil erosion issues from machinery
- No erosion protection measures from machinery

39. Grass growth measurement method?

Mark **all** boxes that apply

- Visual assessment
- Grass plate meter
- Cut and weigh
- Other measurement method
- No measurement

40. Portion of the farm that has had soil testing in the last 4 years?

Mark **one** box only

- Approximately 25%
- Approximately 50%
- Approximately 75%
- Approximately 100%
- No Testing

41. Actions taken as a result of soil testing

Mark **all** boxes that apply

- Apply Lime to improve soil pH
- Improve P&K index
- Targeted fertiliser programme
- Establish nutrient management plan (NMP)
- No action undertaken

42. What proportion of your farm area has been reseeded in the last 4 years?

Mark **one** box only

- Approximately 0 - 10%
- Approximately 10 - 20%
- Approximately 20 - 30%
- Approximately >30%
- No Reseeding

43. Use of multi-species swards as part of reseeded programme?

- Yes
- No

44. Is Clover incorporated into reseeded swards as part of reseeded program?

- Yes
- No

Part 10 - Pesticides and Herbicides

45. How do you apply Plant Protection Products used on crops grown for animal feeding (including grass)?

Mark **all** boxes that apply

- Tractor mounted sprayer
- Weed wiper
- Knapsack sprayer
- Contractor
- Other application method
- No Plant Protection Products used

46. What measures are taken to ensure that no drift occurs while spraying?

Mark **all** boxes that apply

- Spot Treatment
- Deflectors
- Drift reduction nozzles
- Spraying in low wind conditions
- Use of weed wiper/rush licking

47. Alternative (non-chemical) methods of weed control used?

Mark **all** boxes that apply

- Grazing management & appropriate stocking rates
- Soil testing & applying nutrients as required
- Appropriate drainage
- Use of a topper/mower for weed control

Part 11 - Biodiversity

48. Native Tree Planting (since last audit)

 Trees

Enter **Number** of native trees
(excluding commercial forestry)

49. Native Woodland (Area)

- HAs Enter native woodland **area** & specify
HAs or Acres (excluding commercial forestry)
- ACs

50. Net Hedgerow Change (metres)

 Metres

- Added Enter **metres** of hedgerow
change since last audit
- Removed

51. Number of Bird / Bat Boxes & Beehives installed on farm?

| Number of Bird Boxes installed | Number of Bat Boxes installed | Number of Beehives installed |
|--------------------------------|-------------------------------|------------------------------|
| <i>Bird Boxes</i> | <i>Bat Boxes</i> | <i>Beehives</i> |

52. Participation in Biodiversity Systems / Schemes

Mark **all** boxes that apply

- Native Woodland Scheme
- Sustainable Forest Management System
- European Innovation Partnerships EIP-AGRI (e.g. Hen Harrier Project, BRIDE, Etc.)
- GLAS - Green, Low-Carbon, Agri-Environment Scheme
- REAP – Results Based Environment Agri Pilot Programme
- Biodiversity Management Plan
- None

53. Habitat Assessment

Where any of the following **permanent habitats** are present or **designated** as areas of conservation then please indicate below

| | Permanent habitats present on the farm? | Habitat designated as a Conservation Area? (e.g. SPA, SAC, NHA) |
|-------------------------|---|---|
| Woodland | <input type="checkbox"/> | <input type="checkbox"/> |
| Plantation Forests | <input type="checkbox"/> | <input type="checkbox"/> |
| Scrub & Wayside | <input type="checkbox"/> | <input type="checkbox"/> |
| Semi-natural Grasslands | <input type="checkbox"/> | <input type="checkbox"/> |
| Heaths | <input type="checkbox"/> | <input type="checkbox"/> |
| Bogs | <input type="checkbox"/> | <input type="checkbox"/> |
| Fens & Mires | <input type="checkbox"/> | <input type="checkbox"/> |
| Montane Communities | <input type="checkbox"/> | <input type="checkbox"/> |
| Weed Communities | <input type="checkbox"/> | <input type="checkbox"/> |
| Saltmarsh | <input type="checkbox"/> | <input type="checkbox"/> |
| Duneland | <input type="checkbox"/> | <input type="checkbox"/> |
| Strandlines & Shingle | <input type="checkbox"/> | <input type="checkbox"/> |
| Freshwater | <input type="checkbox"/> | <input type="checkbox"/> |
| Saline Water Habitats | <input type="checkbox"/> | <input type="checkbox"/> |
| Rocky Habitats | <input type="checkbox"/> | <input type="checkbox"/> |

Part 12 - Economic Sustainability

54. Ongoing training / development received?

Mark **all** boxes that apply

- Teagasc Courses/Events
- Farm organisation meetings
- Discussion Groups
- Mart demonstrations
- DAFM programs (e.g. BEAM, BEEP, Etc.)
- Irish Farmers Journal online QA course
- Other

55. Farm Development tools used?

Mark **all** boxes that apply

- Profit Monitor
- Farm Business Plan
- Succession Planning
- Use of Farm Software / Apps

56. Use of qualified advisors?

Mark **all** boxes that apply

- Independent farm advisor / planner
- Teagasc
- Co-Op advisor
- Accountants
- Financial advisors
- Vet
- Technical sales advisor
- Other

57. Approach to addressing dangers associated with slurry gases released during agitation?

Mark **all** boxes that apply

- Aeration system avoids slurry gases
- Farmer implements excellent agitation and ventilation system
- Manual agitation with good ventilation
- Basic agitation / ventilation capability but farmer aware of risks
- Risk Assessment
- Not Applicable

58. What ownership structure best describes the farm?

Mark **one** box only

- Family farm (including family partnerships)
- Education / research institute
- Large company (director(s) / owner(s) not involved in running the farm)
- Other

59. Herd Owners employment in farming?

Mark **one** box only

- Full-time employed in farming
- Part-time employed in farming

60. Herd Owners annual leave taken each year? Mark **one box only**

- 4 working weeks or more
- 3 to 4 weeks
- 2 to 3 weeks
- 1 to 2 weeks
- Less than 1 week

61. Contractors used for any of the following?

Mark **all** boxes that apply

- Milking Silage Harvesting
- Slurry Spreading Fertiliser Spreading
- General Labour Calf Management Tasks
- Other Specialised Tasks

62. Does Employee Welfare Policy include the following?

Mark **all** boxes that apply

- No employees on farm
- Working hours & wages
- Policy on prevention of discrimination in the workplace
- Statutory annual leave requirements
- Employees on farm with no employee welfare policy

63. Worker wellbeing and development measures implemented?

Mark **all** boxes that apply

- No employees on farm
- Basic training courses
- Up skilling opportunities
- Health and safety training
- Other
- Not implemented

64. Contribution of farm to local community?

Mark **all** boxes that apply

- Uses local service providers
- Use Irish grains in feed rations
- Purchase inputs from local suppliers
- Sell produce/products directly to local community
- Farm Walks / Tours
- Local School Engagement
- Agri tourism
- Other
- Not interested

Declaration

Please check that:

1. You have ticked all the applicable boxes for any multiple-choice question
2. You have based all your answers on the last calendar year, (i.e. if you are completing this Survey in 2020 then answers should be based on your enterprise for 2019.)

| Internal Reference | | | | | | |
|--------------------|--|--|--|--|--|--|
| | | | | | | |

On the day of the audit you will be asked to sign a declaration stating that this Survey is correct and complete.

Thank you for taking part. All answers will be kept strictly confidential by Bord Bia and will only be used for the purposes of calculating the carbon footprint for your farm and providing feedback on your farms sustainability performance.

If you have any further queries, please contact a member of the Bord Bia Helpdesk team on **01 5240410**.

Models and Platforms Available

-  The Bord Bia/Teagasc Beef and Dairy Carbon Footprint Models
-  The Bord Bia/Teagasc Beef and Dairy Grass Fed Models
-  The CIT/SEAI/Teagasc National Agriculture Energy Optimisation Tool
-  The Bord Bia Origin Green Letter/Farm Sustainability Platform

Bord Bia Lamb Sustainability Survey

The Lamb Sustainability Survey was introduced by Bord Bia in 2021 to gather information in relation to the sustainability performance of members. The survey allows a carbon footprint to be generated for each participating farm.

The survey should take between 10 – 20 mins to complete and will help reduce the time it takes to complete your upcoming audit.

Please complete the survey in advance of your audit by **(1)** using this form or **(2)** going online at farm.bordbia.ie and using your Herd Number and PIN (recently communicated to you via letter) or **(3)** over the phone with the Bord Bia Helpdesk team on **01 5240410**.

Please provide full and accurate information for the **last calendar year** (e.g. answers should be based on your enterprise in 2020 for surveys completed in 2021). Answers will not influence the outcome of your audit, but you must complete the survey to be considered for certification.

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Part 1 - Enterprise Information

1. Type of Sheep Enterprise

Please select the primary type of Sheep Enterprise

- Lowland Hill

2. Type of Dominant Lamb Enterprise

Please select the primary type of lamb enterprise

- Lamb to Slaughter Lamb to Store
 Store to Slaughter

3. Dominant Lambing Season

Please select the primary lambing season

- Early Spring (February) Late Spring (April)
 Mid Spring (March)

4. Are most Lambs Castrated?

- Yes No

Part 2 - Housing

5. Please complete the table below for the relevant Sheep categories

Please indicate if animals are outdoors all year round, if housed all year round or, if housed for a period of time, please enter the turnout and housing dates

| | Animals are Outdoors <i>i.e. Outdoors All Year Round</i> | | Housed All Year Round <i>i.e. Indoors All Year Round</i> | | Average Turnout <i>(Date)</i> | Average Housing <i>(Date)</i> |
|---------------|---|-----------------------------|---|-----------------------------|----------------------------------|----------------------------------|
| Breeding Ewes | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> No | __/__/20__ | __/__/20__ |
| Stores | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Yes | <input type="checkbox"/> No | __/__/20__ | __/__/20__ |

Part 3 – Animal Numbers

3.1 Sheep Numbers

6. Please indicate total sheep numbers in each category

| | Sheep Numbers |
|--|---------------|
| Total Breeding Ewes <i>Including barren ewes and ewes of first lambing (>12 months)</i> | Animals |
| Ewes Lambled <i>Do not include barren ewes</i> | Animals |

7. Average age at first lambing?

Months *Enter average age in Months If known*

8. Average weight at first lambing?

kg *Enter typical weight (kg) If known*

3.2 Lamb Numbers

9. Average wean age?

Weeks *Enter average age in Weeks If known*

10. Average wean weight?

kg *Enter typical weight (kg) If known*

11. Approx. date Store Lambs purchased and sold

Enter approx. date Store Lambs were purchased or sold. Leave blank if Not Applicable

| | Approx. Date |
|-----------------------|--------------|
| Store Lambs Purchased | __/__/20__ |
| Store Lambs Sold | __/__/20__ |

12. Please indicate total lamb numbers in each category

The animal numbers entered below will be used to calculate the number of Ewe Lamb Replacements for your enterprise. Answers should be based on your enterprise for the previous calendar year.

| Lamb Category | | Lamb Numbers | Lamb Category | | Lamb Numbers |
|---------------|--|--------------|---------------|--|--------------|
| (a) | Lambs Born | Animals | (e) | Of the Total Carried Over, How Many Lambs were Male? | Animals |
| (b) | Lambs Died | Animals | (f) | Lamb sales - Stores | Animals |
| (c) | Lambs Purchased as Stores | Animals | (g) | Lamb sales - Finished | Animals |
| (d) | Total Lambs Carried Over from Previous Production Year | Animals | | | |

13. Please indicate what breeds of animals are present on your enterprise for each animal type

| Breed | Ewes | Rams | Breed | Ewes | Rams |
|--------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|
| Belclare | <input type="checkbox"/> | <input type="checkbox"/> | Scottish Blackface | <input type="checkbox"/> | <input type="checkbox"/> |
| Charollais | <input type="checkbox"/> | <input type="checkbox"/> | Suffolk | <input type="checkbox"/> | <input type="checkbox"/> |
| Cheviot | <input type="checkbox"/> | <input type="checkbox"/> | Texel | <input type="checkbox"/> | <input type="checkbox"/> |
| Galway Sheep | <input type="checkbox"/> | <input type="checkbox"/> | Vendeen | <input type="checkbox"/> | <input type="checkbox"/> |
| Mule Sheep | <input type="checkbox"/> | <input type="checkbox"/> | Other | <input type="checkbox"/> | <input type="checkbox"/> |

Part 4 - Production

14. Sheep Sales

| | Average Weight at Sale | Average Age at Sale |
|-----------------------------|------------------------|---------------------|
| Culled Ewes | kg | Months |
| Store / Breeding Lamb Sales | kg | Months |
| Finished Lambs | kg | Months |

15. Number of Ewes Shorn

| | |
|--|------|
| | Ewes |
|--|------|

Part 5 - Fertiliser

16. Please complete the table below for fertiliser usage on your farm

IMPORTANT NOTE: If your fertiliser is not on the list, then please select the most appropriate one or use the "Other Fertiliser" section.

| Fertiliser Name | Quantity | Fertiliser Name | Quantity | | | | | | |
|--|--|----------------------|----------|---|----------------------|----------------------|----------------------|-----------------|--------|
| 46 – 0 – 0 (Urea) | Tonnes | 10 – 10 – 20 | Tonnes | | | | | | |
| 27.5 – 0 – 0 (C.A.N) | Tonnes | 18 – 6 – 12 | Tonnes | | | | | | |
| Protected Urea – 46N | Tonnes | 24 – 2.2 – 4.5 | Tonnes | | | | | | |
| Protected Urea – 38N | Tonnes | 23 – 2.5 – 5 | Tonnes | | | | | | |
| Protected Urea – 30N | Tonnes | 23 – 0 – 0 | Tonnes | | | | | | |
| Protected Urea – 29N | Tonnes | 19 – 0 – 15 | Tonnes | | | | | | |
| 27 – 2.5 – 5 (Pasture Sward) | Tonnes | 0 – 7 – 30 | Tonnes | | | | | | |
| 24 – 2.5 – 10 (Cut Sward) | Tonnes | Ground Limestone | Tonnes | | | | | | |
| Other (please specify N, P, K values) | <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="width: 20px; text-align: center;">N</td> <td style="width: 20px; text-align: center;">P</td> <td style="width: 20px; text-align: center;">K</td> </tr> <tr> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> <td style="text-align: center;"><input type="text"/></td> </tr> </table> Tonnes | N | P | K | <input type="text"/> | <input type="text"/> | <input type="text"/> | Granulated Lime | Tonnes |
| N | P | K | | | | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | | | | | | | |

Part 6 – Silage

17. Please complete the table below for own silage cut on farm used for sheep feeding

| | Silage |
|------------------------------|--------|
| Number of Bales | Bales |
| Tonnes of Pit Silage | Tonnes |
| DMD % <i>If Known (%)</i> | % |

Part 7 – Purchased Forage

18. Please complete the amount purchased for each forage type

| | Quantity |
|--------------------|----------|
| Silage Bales | Bales |
| Hay | Bales |
| Pit Silage | Tonnes |
| Kale | Tonnes |
| Turnips/Swedese | Tonnes |
| Beet | Tonnes |
| Maize | Tonnes |
| Whole Crop Cereals | Tonnes |

Part 8 – Feed

19. Indoor feeding rate

| | Approx. size of group <i>Number of animals</i> | Compound rations <i>(kg/animal/day)</i> | Straights <i>(kg/animal/day)</i> | Days fed <i>If known</i> |
|--------------|---|--|-------------------------------------|-----------------------------|
| Ewes | | kg | kg | |
| Lambs | | kg | kg | |
| Replacements | | kg | kg | |

20. Outdoor feeding rate

| | Approx. size of group <i>Number of animals</i> | Compound rations <i>(kg/animal/day)</i> | Straights <i>(kg/animal/day)</i> | Days fed <i>If known</i> |
|--------------|---|--|-------------------------------------|-----------------------------|
| Ewes | | kg | kg | |
| Lambs | | kg | kg | |
| Replacements | | kg | kg | |

Declaration

Please check that:

- You have based all your answers on the last calendar year, (i.e. if you are completing this survey in 2021, then answers should be based on your enterprise for 2020).

On the day of the audit you will be asked to sign a declaration stating that this survey is correct and complete.

Thank you for taking part. All answers will be kept strictly confidential by Bord Bia and will only be used for the purposes of calculating the carbon footprint for your farm and providing feedback on your farms sustainability performance.

If you have any further queries, please contact a member of the Bord Bia Helpdesk team on **01 5240410**.

| | | | | | | | |
|--------------------|--|--|--|--|--|--|--|
| Internal Reference | | | | | | | |
|--------------------|--|--|--|--|--|--|--|