6. Livestock Housing

Please note this section refers to the total number of housing places available and not the number of animals/birds actually housed.

### Cattle

How many places did you have available on your farm for wintering cattle (all categories) during the last 12 months?

<table>
<thead>
<tr>
<th>Housing System</th>
<th>Places</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cubicle Housing - Solid Floor</td>
<td></td>
</tr>
<tr>
<td>Cubicle Housing - Slatted Floor</td>
<td></td>
</tr>
<tr>
<td>Loose Housing - Solid Floor</td>
<td></td>
</tr>
<tr>
<td>Loose Housing - Slatted Floor</td>
<td></td>
</tr>
<tr>
<td>Other Indoor Housing</td>
<td></td>
</tr>
<tr>
<td>Outwintering Pads</td>
<td></td>
</tr>
</tbody>
</table>

### Sheep

How many places did you have available on your farm for wintering sheep during the last 12 months?

<table>
<thead>
<tr>
<th>Housing System</th>
<th>Places</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straw beds</td>
<td></td>
</tr>
<tr>
<td>Slatted Housing</td>
<td></td>
</tr>
</tbody>
</table>

### Pigs

How many places were available in each of the following housing systems for pigs during the last 12 months?

<table>
<thead>
<tr>
<th>Housing System</th>
<th>Places</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partially Slatted Housing</td>
<td></td>
</tr>
<tr>
<td>Completely Slatted Housing</td>
<td></td>
</tr>
<tr>
<td>Deep Litter Housing Straw Beds</td>
<td></td>
</tr>
<tr>
<td>Other (e.g. Outdoor with huts)</td>
<td></td>
</tr>
</tbody>
</table>

### Poultry

How many places were available in each of the following housing systems for laying hens during the last 12 months?

<table>
<thead>
<tr>
<th>Housing System</th>
<th>Places</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enriched/Unenriched Cages</td>
<td></td>
</tr>
<tr>
<td>Of which</td>
<td></td>
</tr>
<tr>
<td>(i) Deep Pit</td>
<td></td>
</tr>
<tr>
<td>(ii) Stilt House</td>
<td></td>
</tr>
<tr>
<td>(iii) Manure Belt</td>
<td></td>
</tr>
<tr>
<td>Deep Litter Housing</td>
<td></td>
</tr>
<tr>
<td>Other (e.g. Free range)</td>
<td></td>
</tr>
</tbody>
</table>

7. Measuring Administrative Burden

In order to measure the burden placed on respondents of completing CSO surveys, can you please state approximately how many minutes it took you to complete this questionnaire?

---

8. Declaration

The information given on this form is correct to the best of my knowledge.

Signature: [Signature]

Date: [Day] / [Month] / [Year]

Day-time contact telephone number: [Number]

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Survey of Agricultural Production Methods
September 2010

The purpose of this survey is to collect data on agricultural production methods used on Irish farms. The data is required to meet EU needs for statistics on agri-environmental indicators as outlined in Annex V of Regulation (EC) No 1166/2008.

This questionnaire has been sent to a sample of the farmers across Ireland who took part in the Census of Agriculture in June of this year. CSO very much appreciated your cooperation with the Census and would like to ask you now to complete this shorter survey on agricultural production methods. The information supplied by you on this questionnaire will be treated as strictly confidential and this is guaranteed by National and EU Law.

The completed questionnaire should be returned by Friday October 1st, 2010 using the freepost pre-addressed envelope provided.

Please refer to the accompanying information booklet before completing the questionnaire.

If you require assistance in completing this questionnaire or would like to provide your information by telephone, please contact the CSO on:

- **LoCall:** 1890 924 990
- **E-mail:** agri@cso.ie

Thank you again for your time and cooperation in completing this questionnaire.

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1. Landscape

Have any of the following been maintained or newly established on your farm during the last 3 years? Note both may apply. (Please X if yes, otherwise leave blank.)

- **Hedges**: [ ] Maintained [ ] Newly Established
- **Tree Lines**: [ ] Maintained [ ] Newly Established
- **Stone Walls**: [ ] Maintained [ ] Newly Established

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Please refer to the Information Leaflet for assistance in completing this questionnaire.
### 2. Crop Rotation & Soil Conservation (Tillage Farms)

(a) What area of arable land do you hold?  
(b) What area of your arable land has been used to grow the same tillage crop, without crop rotation for at least the last 3 years?  
(c) What area of your arable land was covered during Winter 2009/10 by the following?  
   - Standard Winter crops (e.g. Winter wheat, Winter barley)  
   - Crop Residues (stubble or other plant parts remaining after previous harvest)  
   - Cover Crop (or intermediate crop sown and ploughed in before new Spring planting)  
   - Bare, ploughed soil  
(d) On what area of your arable land were the following tillage methods applied in the last 12 months?  
   - Inversion tillage (ploughing) - all stubble, crop residues buried after cultivation  
   - Reduced tillage - at least 30% of stubble, crop residue remaining on the surface after cultivation  
   - Zero tillage/Direct Seeding - all stubble, crop residue left on surface after cultivation

### 3. Grazing Land

(a) Grazing on your farm  
   - Area of grassland on your farm used for grazing your livestock in the last 12 months  
   - Number of months your livestock spent grazing on your grassland in the last 12 months  
(b) Grazing on Commonage  
   - Number of months your livestock spent grazing on commonage in the last 12 months  
   - Number of livestock grazing on commonage in the last 12 months

### 4. Manure Storage & Movement

(a) Please indicate if you used constructed storage facilities for any of the following during the last 12 months and whether these were covered or uncovered. Note both may apply. (Please X if appropriate, otherwise leave blank)  
   - Solid Manure  
   - Liquid Manure  
   - Slurry in a tank  
   - Slurry in a lagoon  
(b) Of the total manure and slurry produced by your livestock during the last 12 months, what proportion of this was removed from your farm? (Please X the most relevant box below.)  
   - None  
   - 1-24%  
   - 25-49%  
   - 50-74%  
   - 75-100%  
(c) Of the total manure and slurry spread on your holding during the last 12 months, what proportion was imported from another holding (i.e. not produced by livestock on your holding). (Please X the most relevant box below.)  
   - None  
   - 1-24%  
   - 25-49%  
   - 50-74%  
   - 75-100%

### 5. Slurry & Manure Application (Slurry)

(a) Area of your farm on which slurry was applied, at least once, in the last 12 months?  
   - Of this area, on what area were the following application methods used:  
     - (i) Splashplate  
     - (ii) Bandspreader  
     - (iii) Trailing Shoe  
     - (iv) Injection into the soil or ploughed in within 4 hours of application  
(b) Of the total slurry applied to your holding in the last 12 months, what proportion was applied to:  
   - (Please X the relevant boxes)  
     - (i) Grassland  
     - (ii) Maize  
     - (iii) Tillage (excluding Maize)  
     - (iv) Other Crops (e.g. willow)  
(c) Of the total slurry applied to your holding in the last 12 months, what proportion was applied during the following periods:  
   - (Please X the relevant boxes)  
     - (i) Spring (End of closed period to April)  
     - (ii) Summer (May, June, July)  
     - (iii) Autumn (August to beginning of closed period)

### Solid Manure

(d) Area of farm on which solid manure was applied, at least once, in the last 12 months?  
   - Of this area, on what area was solid manure ploughed in within 4 hours of application?  
   - (Please X the most relevant box below.)  
   - None  
   - 1-24%  
   - 25-49%  
   - 50-74%  
   - 75-100%  
(e) Of all the solid manure applied to your holding in the last 12 months, what proportion was applied to:  
   - (Please X the relevant boxes)  
     - (i) Grassland  
     - (ii) Maize  
     - (iii) Tillage (excluding Maize)  
(f) Of all the solid manure applied to your holding in the last 12 months, what proportion was applied during the following periods:  
   - (Please X the relevant boxes)  
     - (i) Spring (End of closed period to April)  
     - (ii) Summer (May, June, July)  
     - (iii) Autumn (August to beginning of closed period)