Longford Highlights

Overall

- 6% of soils tested achieved good overall fertility in 2014.
- 18% of soils have a pH of greater than 6.2 (National 35%). pH status of samples has fallen gradually. 1/3 of samples were below 5.5
- Soil P and K have fallen steadily between 2007 and 2012 but have stabilised in 2013 and 2014
- 60% of samples were below optimum Soil P (Index 1 or 2).
- 30% of soils are at Very Low P levels (Index 1) in (16% in 2008).
- 47% of soils are at K index 1 or 2.

Enterprise

- The number of dairy samples is too low to draw conclusions
- Drystock trends are the same as the overall trends.
Soil Analysis Status and Trends

**County**

**Soil Analysys Status and Trends**

**Year**

**Enterprise**

**Number of Samples**

<table>
<thead>
<tr>
<th>Longford</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Farms</td>
<td>309</td>
</tr>
</tbody>
</table>

---

**Soil P Index**  
(Good Fertility - Index 3 & 4)

- Index 1: 30%  
- Index 2: 30%  
- Index 3: 25%  
- Index 4: 15%

**Trend in Soil P Index**

- 2007: 11%  
- 2008: 10%  
- 2009: 16%  
- 2010: 16%  
- 2011: 12%  
- 2012: 11%  
- 2013: 9%  
- 2014: 8%

---

**Soil K Index**  
(Good Fertility - Index 3 & 4)

- Index 1: 8%  
- Index 2: 39%  
- Index 3: 29%  
- Index 4: 23%

**Trend in Soil K Index**

- 2007: 10%  
- 2008: 9%  
- 2009: 8%  
- 2010: 5%  
- 2011: 12%  
- 2012: 11%  
- 2013: 9%  
- 2014: 8%

---

**Soil pH**  
(Good Fertility > pH6.2)

- <5.5: 33%  
- 5.5-5.9: 30%  
- 5.9-6.2: 19%  
- 6.2-6.5: 10%  
- >6.5: 8%

**Trend in Soil pH**

- 2007: 13%  
- 2008: 12%  
- 2009: 14%  
- 2010: 8%  
- 2011: 16%  
- 2012: 11%  
- 2013: 13%  
- 2014: 10%

---

**Good Overall Fertility:**  
Soil pH > 6.2; Soil P and K Index 3 or 4

- Optimum: 5%  
- Good: 95%

---

**Good Overall Fertility -**  
Soil pH > 6.2; Soil P and K Index 3 or 4

- 2007: 9.2%  
- 2008: 9.4%  
- 2009: 9.0%  
- 2010: 6.8%  
- 2011: 6.0%  
- 2012: 6.3%  
- 2013: 9.4%  
- 2014: 5.5%
Soil Analysis Status and Trends

County: Longford
Year: 2014
Enterprise: Dairy
Number of Samples: 49

Caution - Graphics based on low sample number

Soil P Index
(Good Fertility - Index 3 & 4)

Soil K Index
(Good Fertility - Index 3 & 4)

Soil pH
(Good Fertility > pH6.2)

Trend in Soil P Index

Trend in Soil K Index

Trend in Soil pH

Good Overall Fertility:
Soil pH > 6.2; Soil P and K Index 3 or 4

Optimum

Good Overall Fertility -
Soil pH > 6.2; Soil P and K Index 3 or 4
Soil Analysis Status and Trends

County: Longford
Year: 2014
Enterprise: Drystock
Number of Samples: 260

Soil P Index (Good Fertility - Index 3 & 4)
- 30% Index 1
- 32% Index 2
- 24% Index 3
- 14% Index 4

Trend in Soil P Index

Soil K Index (Good Fertility - Index 3 & 4)
- 8% Index 1
- 40% Index 2
- 27% Index 3
- 25% Index 4

Trend in Soil K Index

Soil pH (Good Fertility > pH6.2)
- 35% <5.5
- 28% 5.5-5.9
- 20% 5.9-6.2
- 10% 6.2-6.5
- 7% >6.5

Trend in Soil pH

Good Overall Fertility:
Soil pH > 6.2; Soil P and K Index 3 or 4
- Optimum: 4%