## Broadbalk Oats Number of samples analysed for crop nutrient content each year

| Harvest | Section | Section %N |       | %P    |       | %K    |       | %Ca   |       | %Mg   |       | %Na   |       | %S    |       |
|---------|---------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| year    |         | Grain      | Straw | Grain | Straw | Grain | Straw | Grain | Straw | Grain | Straw | Grain | Straw | Grain | Straw |
| 1996    | 3       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | NA    | NA    |
| 1997    | 2       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 1998    | 7       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 1999    | 4       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2000    | 5       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2001    | 3       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2002    | 2       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | NA    | 19    |
| 2003    | 7       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2004    | 4       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2005    | 5       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2006    | 3       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2007    | 2       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2008    | 7       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2009    | 4       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2010    | 5       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2011    | 3       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2012    | 2       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2013    | 7       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2014    | 4       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |
| 2015    | 5       | 19         | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    | 19    |

## NA Not analysed

Oats grown in one rotational Section of Broadbalk every year since 1996 (Sections 2,3,4,5 and 7). Grown in a five year rotation: wheat > wheat > wheat > oats > maize.

19 samples = sampled from all plots in that Section