### Broadbalk Cropping 1968-2018

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<th>Wheat cultivar</th>
<th>Year</th>
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<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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<th>8</th>
<th>9</th>
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</table>

**Flanders**
- 1979: W W W W W W F W W P F
- 1980: W W W W W W W W F W P
- 1983: W W W W W W W F W P
- 1984: W W W W W W W W P F

**Brimstone**
- 1985: W W W W W W F W W P W

**Apollo**

**Hereward**
- 2006: W W W W W W M O W W W W
- 2008: W W W W W W M W W O W W
- 2010: W W W W W W O W W M W W
- 2011: W W W W W W M O W W W W

**Crusoe**
- 2013: W W W W W W W W W W M W W O

**Mulika**

**Crusoe**
- 2016: W W W W W W W W W W M W W O

**Crusoe**

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**Year is the year in which the crop was harvested**

W=winter wheat, P=potatoes, BE=spring beans, F=fallow, O=winter oats, M=forage maize, WB=winter beans.


Section 0 fallowed in 2003 and 2004 in an attempt to control Equisetum and test various herbicides.

Comparisons of Broadbalk and Squareheads Masters cultivars indicated by *, Brimstone in all other sections.

= variety changed to Crusoe in 2013, but sown very late, due to a wet autumn and winter.

In 2015, the spring wheat variety Mulika was sown, as it was too late for winter wheat.

Winter wheat varieties were selected primarily for their yield potential, and also their suitability for breadmaking.

### Continuous wheat

We recommend that you only use Sections 1 and 9 for continuous wheat.

Section 0 has straw incorporated since 1986

Section 8 has no herbicides, so yields are restricted by weeds.

Section 6 has restricted pesticide use, so yields are restricted.

For rotational wheat, select from sections 2, 3, 4, 5 & 7.

Between 1968 and 1980, there was a three year rotation of wheat - wheat - fallow (sections 3, 5 & 6) or winter beans - wheat - fallow (sections 6, 7 & 8). Between 1980 and 1985, there was a two year rotation of wheat - wheat (sections 3, 5, 6 & 8). For rotational wheat, select from sections 2, 3, 4, 5 and 7.

#### Rotational wheat:

**1st wheat shown in yellow**

Rotational wheat was used until 2001, when Hereward was sown. After 1996, there was a change in practice, so rotations could not be predicted beyond that year.
wheat - potato - beans. From around 1980 this changed to a five year rotation of wheat - wheat - wheat - fallow - potato (until 1996) and wheat - wheat - wheat - oats - maize until 2017. Since 2018 wheat - wheat - oats - wheat - winter beans (see diagram above for full details)

To select 1st wheat yields, eg Section 7, 1970, in the Data Extraction Tool select Yr-of-wheat = 1
To select 2nd wheat yields, eg Section 7, 1986, in the Data Extraction Tool select Yr-of-wheat = 2
To select 3rd wheat yields, eg Section 7, 1987, in the Data Extraction Tool select Yr-of-wheat = 3

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