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# Yields of the Field Experiments



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## **R/CS/477 & W/CS/478 Continuous Maize (Revision to Yields 2009-2015)**

### **Rothamsted Research**

Rothamsted Research (2016) *R/CS/477 & W/CS/478 Continuous Maize (Revision to Yields 2009-2015)* ; Yields Of The Field Experiments , pp 52 - 52 - DOI:  
<https://doi.org/10.23637/ERADOC-1-249>

**R/CS/477 and W/CS/478  
CONTINUOUS MAIZE**

Experimental details are given on page 56 of the 2015 yield book. Maize Yields (100% DM) shown in previous yield books (2009-2015) were found to be in error because an increase in the crop row spacing from 0.6m to 0.7m was not accounted for. The experiments ceased after harvest 2015. No yields were taken for 2016 onwards

The corrected yields for 2009-2015 are given below:

**WHOLE CROP TONNES/HECTARE (100% DM)**

**Table of Means**

**R/CS/477**

|                            | Year | 2009           | 2010        | 2011        | 2012        | 2013        | 2014         | 2015        |
|----------------------------|------|----------------|-------------|-------------|-------------|-------------|--------------|-------------|
| <b>Treatment</b>           |      |                |             |             |             |             |              |             |
| M                          |      | 8.87           | 9.44        | 6.12        | 6.11        | 2.00        | 9.18         | 1.48        |
| MT                         |      | 8.63           | 8.84        | 5.66        | 6.87        | 2.33        | 9.64         | 2.14        |
| (B)M                       |      | 9.45           |             |             | 7.63        | 1.60        | 12.71        | 3.30        |
| M(B)                       |      |                |             |             |             | 2.52        | 12.03        | 2.25        |
| <b>Mean</b>                |      | <b>8.98</b>    | <b>9.14</b> | <b>5.89</b> | <b>6.87</b> | <b>2.11</b> | <b>10.89</b> | <b>2.29</b> |
| <b>Plot Area Harvested</b> |      | <b>0.00126</b> |             |             |             |             |              |             |
| <b>Mean DM%</b>            |      | <b>21.4</b>    | <b>31.4</b> | <b>18.4</b> | <b>24.7</b> | <b>23.7</b> | <b>30.8</b>  | <b>25.1</b> |

**W/CS/478**

|                            | Year | 2009           | 2010        | 2011        | 2012        | 2013        | 2014        | 2015     |
|----------------------------|------|----------------|-------------|-------------|-------------|-------------|-------------|----------|
| <b>Treatment</b>           |      |                |             |             |             |             |             |          |
| M                          |      | 9.80           | 6.05        | 8.5         | 5.76        | 2.39        | 2.30        | -        |
| MT                         |      | 9.64           | 4.74        | 9.19        | 5.79        | 3.62        | 4.73        | -        |
| (B)M                       |      | 9.57           |             |             |             | 2.86        | 4.86        | -        |
| M(B)                       |      |                |             |             | 4.87        | 2.67        | 3.03        | -        |
| <b>Mean</b>                |      | <b>9.67</b>    | <b>5.39</b> | <b>8.84</b> | <b>5.47</b> | <b>2.88</b> | <b>3.73</b> | <b>-</b> |
| <b>Plot Area Harvested</b> |      | <b>0.00126</b> |             |             |             |             |             |          |
| <b>Mean DM%</b>            |      | <b>23.8</b>    | <b>39.7</b> | <b>32.7</b> | <b>24.5</b> | <b>26.5</b> | <b>34.6</b> | <b>-</b> |

In 2015 no yields for were taken on W/CS/478 because of crop failure