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**CEREALS AND OILSEEDS PRODUCTION ESTIMATES: 2007 HARVEST
UNITED KINGDOM - FINAL RESULTS**

This release updates the provisional UK estimates which were published on 11 October 2007. It also includes estimates for Linseed production in England. These latest estimates are based on a higher number of responses, using later returns and extra validated data, so have better coverage of all crops. Most cereal production figures have been revised downwards very slightly since provisional results were published. In most cases this is due to small downwards adjustments to yields, rather than changes to areas.

The key results are given below.

Cereals

The Agricultural Departments' final estimate of the 2007 UK cereals harvest is 19.0 million tonnes, 9% lower than the 2006 harvest of 20.8 million tonnes.

Yields were lower than in 2006 for winter wheat (-10%), winter barley (-9%) and oats (-9%) following the hot, dry spring followed by very wet weather in the two months prior to harvest. Yields of spring barley were not adversely affected and are unchanged on 2006.

Oilseed Rape

The Agricultural Departments' final estimate of the total 2007 UK oilseed rape harvest is 2.1 million tonnes, 12% higher than 2006 harvest of 1.9 million tonnes.

As with cereals, oilseed rape yields were also adversely affected by the weather showing a 6% reduction from 2006.

The lower yield has been offset by an 18% increase in area to give the increased production.

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Notes

1. Wholecrop cereal harvests were treated as zero production.
2. All percentages are based on unrounded figures. Totals may not necessarily agree with the sum of their components due to rounding.
3. Defra statistical notices can be viewed on the Defra website at <http://statistics.defra.gov.uk/esg/statnot/agri.asp>. This also gives details of future publications with pre-announced dates.

Data Quality Indicators

Tick marks are also shown next to the estimates to indicate statistical confidence. The more ticks there are, the more reliable the estimate. The number of ticks shown is based on the relative standard error (RSE). The key is shown below:

| | |
|-----|--------------------|
| ✓✓✓ | RSE < 2.5% |
| ✓✓ | RSE 2.5 - 5% |
| ✓ | RSE 5 - 10% |
| ☒ | RSE 10 - 20% |
| ☒ | RSE > 20% |
| .. | Data not available |

Confidence intervals have also been shown against the production and yield figures for England. We are 95% confident that the true value (if we were to collect data from everyone in the population) lies within this range.

Basis of Production Estimates

The crop areas shown are the final results of the June surveys of agriculture in each country (sample surveys in England and Wales and censuses in Scotland and Northern Ireland). The only exception to this is the area of Oilseed Rape on set-aside which comes from administrative data. The yield data comes from a variety of sources. See below for more information.

Cereal Production

Production estimates for **England** are based on final results from the farm based Cereal Production Survey for the 2007 harvest. The figures take account of estimates provided by farmers from about 3,000 cereal growers.

Production for **Wales** has been estimated using final yields for the English regions bordering Wales. These have been taken from the Defra 2007 Cereal Production Survey.

Production figures for **Scotland** are based on results from the 2007 Cereal Production Survey.

Production figures for **Northern Ireland** are based on yield estimates from the Department of Agriculture and Rural Development for Northern Ireland.

Oilseed Rape on Non Set-Aside Land

The final estimates for **England** are based on approximately 650 survey returns from holdings growing oilseed rape and are therefore subject to a degree of sampling error. These returns were made by producers during August, September and October 2007.

The production estimate for **Wales** is based on the England yield for Oilseed Rape grown on non set-aside land.

Production figures for **Scotland** are based on results from the 2007 Cereal Production Survey and final area results from the 2007 June Agricultural Census.

The **Northern Ireland** yield is assumed to be the same as the combined yield observed in England and Scotland for Oilseed Rape grown on non set-aside land.

Oilseed Rape on Set-Aside Land

Area, yield and production estimates for the UK have been obtained from information collated by the Rural Payments Agency (RPA) concerning claims made under the Single Payment Scheme for non-food oilseeds grown on set-aside land. Figures for 2007 are now final. Figures for 2004 and 2005 have been revised since the publication of the 2007 provisional oilseeds figures due to more accurate data being made available by the RPA.

Minor Crop Yields

Production figures are not collected by all UK countries for mixed corn, rye and triticale. Therefore some yields have been estimated using the yield patterns of other crops and historic data from years when production figures were collected.

Linseed

Linseed production is only estimated for England and comes from the Survey of Linseed Production. Linseed production is assumed to be negligible in Northern Ireland, Scotland and Wales.

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TABLE 1: CEREALS IN THE UNITED KINGDOM: AREA, YIELD AND PRODUCTION - see note (a)

| | CROP | 2003 | 2004 | 2005 | 2006 | 2007 | % change 2007/2006 |
|---|----------------------|---------------|---------------|---------------|---------------|---------------|-----------------------|
| AREA (thousand hectares) | Total cereals | 3 056 | 3 130 | 2 920 | 2 861 | 2 871 | 0% |
| | Wheat | 1 836 | 1 990 | 1 867 | 1 833 | 1 816 | -1% |
| | Barley - total | 1 076 | 1 007 | 938 | 881 | 898 | 2% |
| | - winter | 455 | 420 | 384 | 388 | 383 | -1% |
| | - spring | 621 | 587 | 553 | 494 | 515 | 4% |
| | Oats | 121 | 108 | 91 | 121 | 130 | 7% |
| | Mixed corn | 4 | 4 | 4 | 4 | 3 | -18% |
| | Rye | 4 | 6 | 6 | 7 | 6 | -9% |
| | Triticale | 15 | 15 | 13 | 14 | 18 | 27% |
| YIELD (tonnes per hectare) - see note (a) | Total cereals | 7.0 | 7.0 | 7.2 | 7.3 | 6.6 | -9% |
| | Wheat | 7.8 | 7.8 | 8.0 | 8.0 | 7.2 | -10% |
| | Barley - total | 5.9 | 5.8 | 5.9 | 5.9 | 5.7 | -5% |
| | - winter | 6.3 | 6.4 | 6.5 | 6.7 | 6.1 | -9% |
| | - spring | 5.7 | 5.3 | 5.4 | 5.3 | 5.3 | 0% |
| | Oats | 6.2 | 5.8 | 5.8 | 6.0 | 5.5 | -9% |
| | Mixed corn | 4.3 | 4.3 | 4.4 | 4.5 | 3.9 | -12% |
| | Rye | 5.8 | 5.7 | 6.7 | 6.1 | 5.7 | -7% |
| | Triticale | 4.1 | 4.1 | 4.2 | 4.3 | 3.9 | -10% |
| PRODUCTION (thousand tonnes) - see note (a) | Total cereals | 21 494 | 22 005 | 21 005 | 20 822 | 19 045 | -9% |
| | Wheat | 14 282 | 15 468 | 14 863 | 14 735 | 13 137 | -11% |
| | Barley - total | 6 360 | 5 799 | 5 495 | 5 239 | 5 079 | -3% |
| | - winter | 2 848 | 2 694 | 2 505 | 2 608 | 2 338 | -10% |
| | - spring | 3 512 | 3 105 | 2 990 | 2 631 | 2 741 | 4% |
| | Oats | 749 | 626 | 532 | 728 | 712 | -2% |
| | Mixed corn | 18 | 17 | 18 | 17 | 13 | -28% |
| | Rye | 25 | 32 | 41 | 43 | 36 | -15% |
| | Triticale | 61 | 62 | 56 | 61 | 69 | 15% |

Notes

(a) For Great Britain, production figures (and therefore yields) have been adjusted to 14.5% moisture content.
For Northern Ireland, figures are based on 15% moisture content.

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TABLE 2: CEREALS: AREA, YIELD AND PRODUCTION BY REGION - see notes (a) and (b)

| GOVERNMENT OFFICE REGION | Wheat | | | | Total Barley | | | | Winter Barley | | | | Spring Barley | | | | Oats | | | |
|---------------------------|------------------------------|--------------------------------|----------------------------|--------------------------------------|------------------------------|--------------------------------|----------------------------|--------------------------------------|------------------------------|--------------------------------|----------------------------|--------------------------------------|------------------------------|--------------------------------|----------------------------|--------------------------------------|------------------------------|--------------------------------|----------------------------|--------------------------------------|
| | Area Thousand hectares | Yield Tonnes per hectare | Prod Thousand tonnes | RSE Indicator On Production | Area Thousand hectares | Yield Tonnes per hectare | Prod Thousand tonnes | RSE Indicator On Production | Area Thousand hectares | Yield Tonnes per hectare | Prod Thousand tonnes | RSE Indicator On Production | Area Thousand hectares | Yield Tonnes per hectare | Prod Thousand tonnes | RSE Indicator On Production | Area Thousand hectares | Yield Tonnes per hectare | Prod Thousand tonnes | RSE Indicator On Production |
| UNITED KINGDOM | 1 816 | 7.2 | 13 137 | .. | 898 | 5.7 | 5 079 | .. | 383 | 6.1 | 2 338 | .. | 515 | 5.3 | 2 741 | .. | 130 | 5.5 | 712 | .. |
| England | 1 691 | 7.2 | 12 151 | ✓✓✓ | 577 | 5.5 | 3 202 | ✓✓✓ | 319 | 5.9 | 1 887 | ✓✓✓ | 258 | 5.1 | 1 315 | ✓✓✓ | 102 | 5.4 | 557 | ✓✓ |
| | (+/- 20) | (+/- 0.1) | (+/- 217) | | (+/- 14) | (+/- 0.2) | (+/- 125) | | (+/- 8) | (+/- 0.1) | (+/- 57) | | (+/- 9) | (+/- 0.1) | (+/- 52) | | (+/- 7) | (+/- 0.2) | (+/- 44) | |
| North East | 66 | 7.7 | 507 | ✓✓ | 36 | 6.1 | 219 | ✓ | 26 | 6.6 | 168 | ✓✓ | 10 | 4.8 | 50 | ✓ | 6 | 6.2 | 38 | ✓ |
| | (+/- 3) | (+/- 0.4) | (+/- 34) | | (+/- 3) | (+/- 0.6) | (+/- 28) | | (+/- 2) | (+/- 0.3) | (+/- 16) | | (+/- 1) | (+/- 0.4) | (+/- 8) | | (+/- 1) | (+/- 0.6) | (+/- 7) | |
| North West and Merseyside | 30 | 5.2 | 157 | ✓ | 35 | 4.9 | 173 | ✓ | 14 | 5.5 | 77 | ✓ | 21 | 4.5 | 96 | ✓ | 5 | 5.0 | 26 | ☒ |
| | (+/- 3) | (+/- 0.9) | (+/- 32) | | (+/- 3) | (+/- 0.7) | (+/- 30) | | (+/- 2) | (+/- 0.4) | (+/- 12) | | (+/- 2) | (+/- 0.3) | (+/- 12) | | (+/- 2) | (+/- 1.2) | (+/- 10) | |
| Yorkshire and The Humber | 226 | 7.3 | 1 663 | ✓✓✓ | 103 | 5.9 | 606 | ✓✓ | 68 | 6.3 | 427 | ✓✓ | 35 | 5.0 | 179 | ✓ | 7 | 5.4 | 37 | ☒ |
| | (+/- 7) | (+/- 0.2) | (+/- 70) | | (+/- 5) | (+/- 0.3) | (+/- 49) | | (+/- 4) | (+/- 0.2) | (+/- 29) | | (+/- 3) | (+/- 0.2) | (+/- 19) | | (+/- 2) | (+/- 0.6) | (+/- 10) | |
| East Midlands | 344 | 7.1 | 2 427 | ✓✓✓ | 69 | 5.8 | 399 | ✓✓ | 43 | 6.0 | 256 | ✓✓ | 26 | 5.4 | 142 | ✓ | 12 | 5.4 | 67 | ✓ |
| | (+/- 8) | (+/- 0.2) | (+/- 98) | | (+/- 5) | (+/- 0.4) | (+/- 39) | | (+/- 3) | (+/- 0.2) | (+/- 20) | | (+/- 4) | (+/- 0.4) | (+/- 21) | | (+/- 2) | (+/- 0.4) | (+/- 12) | |
| West Midlands | 153 | 7.0 | 1 075 | ✓✓ | 48 | 5.4 | 256 | ✓ | 30 | 5.5 | 163 | ✓ | 18 | 5.2 | 93 | ✓ | 19 | 5.3 | 101 | ✓ |
| | (+/- 6) | (+/- 0.3) | (+/- 63) | | (+/- 4) | (+/- 0.8) | (+/- 44) | | (+/- 3) | (+/- 0.4) | (+/- 21) | | (+/- 2) | (+/- 0.5) | (+/- 15) | | (+/- 3) | (+/- 0.5) | (+/- 17) | |
| Eastern | 471 | 7.5 | 3 537 | ✓✓✓ | 131 | 5.6 | 732 | ✓✓ | 76 | 5.9 | 445 | ✓✓ | 55 | 5.2 | 286 | ✓ | 10 | 5.7 | 58 | ☒ |
| | (+/- 9) | (+/- 0.2) | (+/- 100) | | (+/- 7) | (+/- 0.3) | (+/- 60) | | (+/- 5) | (+/- 0.2) | (+/- 31) | | (+/- 5) | (+/- 0.2) | (+/- 29) | | (+/- 2) | (+/- 0.5) | (+/- 13) | |
| South East and London | 229 | 7.2 | 1 644 | ✓✓✓ | 61 | 5.3 | 324 | ✓ | 24 | 5.4 | 129 | ✓ | 37 | 5.2 | 195 | ✓ | 21 | 5.8 | 124 | ☒ |
| | (+/- 8) | (+/- 0.3) | (+/- 94) | | (+/- 6) | (+/- 0.5) | (+/- 47) | | (+/- 4) | (+/- 0.4) | (+/- 22) | | (+/- 4) | (+/- 0.4) | (+/- 27) | | (+/- 4) | (+/- 0.4) | (+/- 26) | |
| South West | 172 | 6.6 | 1 142 | ✓✓ | 94 | 5.3 | 494 | ✓✓ | 40 | 5.6 | 220 | ✓✓ | 54 | 5.1 | 274 | ✓✓ | 21 | 5.0 | 107 | ✓ |
| | (+/- 8) | (+/- 0.3) | (+/- 73) | | (+/- 6) | (+/- 0.4) | (+/- 49) | | (+/- 3) | (+/- 0.3) | (+/- 20) | | (+/- 4) | (+/- 0.2) | (+/- 25) | | (+/- 3) | (+/- 0.4) | (+/- 19) | |
| Wales | 13 | 6.6 | 86 | .. | 20 | 5.1 | 100 | .. | 7 | 5.5 | 37 | .. | 13 | 4.9 | 63 | .. | 4 | 5.1 | 21 | .. |
| Scotland | 103 | 8.1 | 832 | .. | 279 | 6.0 | 1 658 | .. | 53 | 7.3 | 384 | .. | 226 | 5.6 | 1 273 | .. | 21 | 5.9 | 124 | .. |
| Northern Ireland | 9 | 7.4 | 68 | .. | 23 | 5.2 | 119 | .. | 5 | 6.2 | 29 | .. | 18 | 5.0 | 90 | .. | 2 | 5.2 | 11 | .. |

Notes

(a) Yield and production estimates for Great Britain have been adjusted to 14.5% moisture content, and for Northern Ireland to 15% moisture content.

(b) Figures in brackets are 95% confidence intervals. Information on confidence intervals and RSE indicators can be found on page 2.

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TABLE 3: OILSEED RAPE IN THE UNITED KINGDOM: AREA, YIELD AND PRODUCTION - see notes (a) to (c)

| OILSEED RAPE | | 2003 | 2004 | 2005 | 2006 | 2007 | % change 2007/2006 |
|---|----------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-----------------------|
| AREA (thousand hectares) | UNITED KINGDOM | 542 | # 554 | # 594 | 575 | 681 | 18% |
| | UK SET-ASIDE | 82 | # 55 | # 75 | 76 | 80 | 6% |
| | UK NON SET-ASIDE | 460 | 498 | 519 | 500 | 602 | 20% |
| | England | 422 | 455 | 480 | 463 | 562 | 21% |
| | Winter Sown | 367 | 387 | 455 | 447 | 550 | 23% |
| | Spring Sown | 55 | 69 | 25 | 16 | 12 | -23% |
| | Wales and Northern Ireland | 3 | 4 | 3 | 3 | 3 | 4% |
| | Scotland | 35 | 39 | 36 | 34 | 36 | 8% |
| YIELD (tonnes per hectare) - see note (b) | UNITED KINGDOM | 3.3 | # 2.9 | # 3.2 | 3.3 | 3.1 | -6% |
| | UK SET-ASIDE | 2.7 | # 2.5 | # 2.7 | 2.9 | 2.6 | -9% |
| | UK NON SET-ASIDE | 3.4 | 3.0 | 3.3 | 3.4 | 3.2 | -6% |
| | England | 3.4 | 2.9 | 3.3 | 3.3 | 3.1 | -6% |
| | Winter Sown | (+/- 0.1) 3.6 | (+/- 0.1) 3.1 | (+/- 0.1) 3.4 | (+/- 0.1) 3.4 | (+/- 0.1) 3.2 | -7% |
| | Spring Sown | (+/- 0.1) 1.9 | (+/- 0.1) 2.1 | (+/- 0.1) 1.8 | (+/- 0.1) 1.8 | (+/- 0.1) 1.5 | -18% |
| | Wales and Northern Ireland | (+/- 0.1) 3.4 | (+/- 0.2) 2.9 | (+/- 0.5) 3.3 | (+/- 0.2) 3.3 | (+/- 0.5) 3.1 | -6% |
| | Scotland | 3.4 | 3.3 | 3.5 | 3.6 | 3.8 | 3% |
| PRODUCTION (thousand tonnes) - see note (b) | UNITED KINGDOM | 1,771 | # 1,608 | # 1,901 | 1,890 | 2,108 | 12% |
| | UK SET-ASIDE | 223 | # 138 | # 196 | 216 | 208 | -4% |
| | UK NON SET-ASIDE | 1,548 | 1,471 | 1,706 | 1,674 | 1,900 | 13% |
| | England | 1,418 | 1,330 | 1,571 | 1,541 | 1,753 | 14% |
| | Winter Sown | (+/- 55) 1,312 | (+/- 109) 1,183 | (+/- 54) 1,527 | (+/- 64) 1,512 | (+/- 68) 1,734 | 15% |
| | Spring Sown | (+/- 52) 106 | (+/- 96) 147 | (+/- 53) 45 | (+/- 64) 29 | (+/- 68) 19 | -36% |
| | Wales and Northern Ireland | (+/- 14) 9 | (+/- 34) 11 | (+/- 13) 11 | (+/- 7) 10 | (+/- 7) 10 | -2% |
| | Scotland | 121 | 130 | 124 | 123 | 137 | 11% |

Notes

(a) Yield and production estimates for Great Britain have been adjusted to 9% moisture content

(b) Figures in brackets are 95% confidence intervals. Information on confidence intervals and RSE indicators can be found on page 2.

(c) Figures marked '#' have been revised since the publication of the provisional figures on 11 October 2007 as a result of more accurate set-aside data being made available by the Rural Payments Agency.

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TABLE 4: WINTER OILSEED RAPE ON NON SET-ASIDE LAND IN ENGLAND: AREA, YIELD AND PRODUCTION BY REGION - see notes (a) to (c)

| GOVERNMENT OFFICE REGION | Area | Yield | Prod | RSE Indicator |
|-----------------------------|------------------------|-------------------------|--------------------------|------------------|
| | Thousand hectares | Tonnes per hectare | Thousand tonnes | On Production |
| England | 550 (+/- 18) | 3.2 (+/- 0.1) | 1 734 (+/- 68) | ✓✓✓ |
| North East | 26 (+/- 3) | 3.6 (+/- 0.2) | 94 (+/- 13) | ✓ |
| North West and Merseyside | 4 (+/- 1) | 3.6 (+/- 0.2) | 14 (+/- 5) | ☒ |
| Yorkshire and The Humber | 75 (+/- 6) | 3.3 (+/- 0.2) | 250 (+/- 24) | ✓✓ |
| East Midlands | 136 (+/- 8) | 3.0 (+/- 0.2) | 402 (+/- 32) | ✓✓ |
| West Midlands | 41 (+/- 4) | 3.3 (+/- 0.2) | 134 (+/- 16) | ✓ |
| Eastern | 128 (+/- 9) | 3.1 (+/- 0.1) | 395 (+/- 31) | ✓✓ |
| South East and London | 89 (+/- 8) | 3.0 (+/- 0.2) | 272 (+/- 28) | ✓ |
| South West | 50 (+/- 6) | 3.5 (+/- 0.2) | 173 (+/- 22) | ✓ |

Notes

- (a) Yield and production estimates for Great Britain have been adjusted to 9% moisture content
(b) Figures in brackets are 95% confidence intervals. Information on confidence intervals and RSE indicators can be found on page 2.
(c) Regional yields are not available for spring oilseed rape due to the low number of producers.

TABLE 5: LINSEED IN ENGLAND: AREA, YIELD AND PRODUCTION - see note (a)

| LINSEED - ENGLAND | 2003 | 2004 | 2005 | 2006 | 2007 | % change 2007/2006 |
|--|------|------|------|------|------|-----------------------|
| AREA (thousand hectares) | 31 | 29 | 45 | 32 | 11 | -67% |
| YIELD (tonnes per hectare) | 1.7 | 1.7 | 1.9 | 1.4 | 1.6 | 18% |
| PRODUCTION (thousand tonnes) | 55 | 50 | 84 | 44 | 17 | -61% |

Notes

- (a) Yield and production estimates have been adjusted to 9% moisture content