SUPPLY AND DEMAND

22 November 2022



KEY POINTS

- Larger wheat carry-in stocks, combined with a rise in production, outweighs the increase in usage, leading to a substantial exportable surplus for 2022/23.
- While a rise in barley production and a fall in animal feed demand has led to a heavier balance sheet in 2022/23, the barley balance remains tight in a historical context and is the third tightest in 10 years.
- Maize usage is expected to be capped by higher domestic availability of grain.
- Another bumper oat crop has led to another year of high exports forecast.

INTRODUCTION

- 1. This release covers the first official estimates made of UK cereal supply and demand for 2022/23 (Appendix 1).
- 2. Defra were unable to publish provisional UK cereal and oilseed production estimates for 2022, due to reduced data availability from UK regions. Defra published provisional estimates for England only. AHDB have consulted with industry and Defra to build production estimates for Wales, Scotland, and Northern Ireland. These have been combined with the provisional Defra England production figures to produce UK wheat, barley and oat production estimates for this release. For 'other cereals', 2021 production has been used in these balance sheets. Production of all crops for previous seasons is based on the results from the Defra Cereal and Oilseed Rape Production Survey.
- In 2022/23, total cereals demand for animal feed is forecast at 12.850Mt. down 273Kt on the year and the lowest level since 2016/17. Animal feed production this season is projected to decline, largely driven by the monogastric sectors. A decline in poultry feed demand is expected, driven by squeezed producer margins (for egg producers in particular), avian flu and the current 'cost of living crisis' impacting consumer demand, like with all livestock sectors. For pigs, with the backlog on farms largely cleared and a contraction in the breeding herd expected, pig feed production is expected to fall back from last year's highs. Cattle feed demand declined last season and is expected to remain relatively stable. Despite higher milk prices, producer margins are again being squeezed driven by higher input costs, with producers expected to utilise forage and grazing where possible. With margins for livestock and poultry producers continuing to be squeezed, as well as the avian flu outbreak, animal feed usage will be monitored closely this season. Human and industrial (H&I) total cereal usage is expected to increase by 216Kt year-on-year to 10.571Mt. This increase is largely driven by a rise in demand by the bioethanol and starch industries.

WHEAT

4. At 18.735Mt, total availability of wheat in 2022/23 is forecast to be 1.337Mt higher than in

- **2021/22.** Higher opening stocks of 1.846Mt (up 429Kt from 2021/22), combined with a rise in output for harvest 2022, has outweighed a projected fall in imports, leading to the increased availability this season. UK wheat production is provisionally estimated at 15.664Mt, up 1.676Mt on the year, driven by higher-than-average yields. Wheat imports are forecast at 1.225Mt, down 769Mt from 2021/22 levels. The majority of imports are expected to be high protein wheat, with a small proportion feed wheat for Northern Ireland.
- H&I wheat consumption is expected to increase by 273Kt year on year to 7.385Mt in **2022/23.** A projected rise in demand by the bioethanol and starch industries is expected to outweigh a slight decline in flour miller demand. While both UK bioethanol plants are anticipated to be in operation, they are not expected to be running at full capacity for the entire season, partly due to longer maintenance periods. With higher input costs and less favourable bioethanol prices, bioethanol usage remains a key watch point. Wheat usage in starch production is also forecast to rise this season, on the back of increased capacity. Demand by flour millers is forecast to decline slightly on the year driven by higher extraction rates, on the back of higher specific weights, as well as the 'cost of living crisis' impacting the production of some premium and alternative products. While the protein content of this year's crop has averaged lower, flour millers are expected to use a slightly higher amount of home-grown wheat this season as imports are not pricing as competitively. However, a proportion of imported high protein milling wheat will be required to ensure continuity in the grist.
- 6. In 2022/23 usage of wheat in animal feed is forecast to remain relatively unchanged (-9Kt) on the year at 7.239Mt. The proportion of wheat used in rations this season is expected to increase, due to its availability and relative price compared with other feed grains such as maize. However, an overall decline in animal feed production this season, especially poultry feed, caps an increase in wheat usage. The amount of wheat fed on farm is forecast to be slightly lower due to the relative price, with growers yielding more by selling grain, instead of feeding it to livestock.

7. At 3.752Mt, the balance of total availability and domestic consumption is 1.065Mt or 40% higher than 2021/22 levels. Despite wheat consumption rising this season, larger carry-in stocks and output has led to the heavier balance. Taking into account an estimated operating stock requirement of 1.500Mt (unchanged year on year), that leaves a surplus available for either export or free stock of 2.252Mt, over 1.5 times 2021/22 levels of 857Mt and the largest surplus since 2015/16.

BARLEY

- 8. In 2022/23, the total availability of barley is estimated to be 117Kt higher year on year at 8.226Mt. Despite the lowest level of opening stocks in 10 years (961Kt), a rise in production has led to the overall increase in supply. Barley production is provisionally estimated at 7.190Mt, up 229Kt on the year, with higher-than-average yields outweighing a fall in planted area. Full season imports are forecast at 75Kt, 14Kt down on the year.
- 9. **H&I usage of barley is estimated to be 41Kt higher than 2021/22 levels at 1.923Mt.** If realised, this would be the highest level since 2014/15. Usage by the brewing, malting and distilling (BMD) is forecast to be higher on the year, with demand remaining robust, despite the rise in cost of living. Furthermore, an increase in distilling capacity in Scotland is expected this season.
- 10. At 4.014Mt, usage of barley in animal feed rations is forecast to fall by 213Kt from 2021/22 levels. At the start of last season barley was being included relatively heavily in rations, which was a knock-on from 2020/21, when supply of barley was high. However, with a larger supply of wheat from harvest 2021, barley inclusions fell at the expense of wheat for the rest of the 2021/22 season. With a higher domestic supply of wheat in 2022/23, this trend is expected to continue.
- 11. The balance of barley supply and demand in 2022/23 is 289Kt higher year on year at 2.088Mt, driven by a fall in overall usage outweighing the rise in availability. However, the barley balance remains lower than the previous five-year average and is the third lowest since 2012/13. Operating stocks remain unchanged at 800Kt, which leaves an exportable surplus of 1.288Mt, 360Kt higher year on year.

MAIZE

- 12. In 2022/23, the total availability of maize is estimated at 2.258Mt, 159Kt lower than 2021/22 levels as a fall in imports outweighs the rise in opening stocks. Full season imports of maize are forecast to fall by 197Kt on the year to 2.010Mt. So far this season (Jul-Sep) the UK has imported 627Kt of maize, nearly double the volume imported during the same period in 2021/22. It is expected that maize imports will steady as the season progresses due to its relative price compared with domestic grains.
- 13. At 743Kt, maize usage by H&I sectors is estimated to fall by 114Kt year on year. While bioethanol usage is expected to fall on the year, with wheat pricing more competitively, it's not projected to drop out of inclusions completely. The usage of maize in animal feed is forecast to be slightly (-23Kt) down on the year at 1.150Mt, which would be the lowest level since 2016/17. The relative price of maize and higher domestic supply of wheat is expected to cap maize inclusions in rations this season.
- 14. The balance of maize supply and demand is 22Kt lower than 2021/22 levels at 360Kt. Exports are estimated at 135Kt, relatively unchanged (+1Kt) on the year, while closing stocks are forecast at 225Kt, down 23Kt.

OATS

- 15. The total availability of oats in 2022/23 is forecast at 1.253Mt, down 35Kt on the year, driven by a drop in production outweighing a slight rise in opening stocks. Oat production is provisionally estimated at 1.081Mt, 42Kt lower year on year. Imports are pegged at 15Kt, down 2Kt from 2021/22.

 16. H&I usage of oats in 2022/23 is estimated.
- 16. H&I usage of oats in 2022/23 is estimated to increase slightly by 16Kt on the year to 519Kt. While additional oat milling capacity is expected to come online next year, it is not anticipated to impact demand for the 2022/23 season. Usage of oats in animal feed is expected to fall back slightly (-28Kt) from last year's record levels to 446Kt. While demand by compounders is expected to fall on the year, most of the decline is driven by a reduction in fed on farm usage, driven by a smaller, higher quality crop.
- 17. At 257Kt, the balance of oat availability and consumption is 22Kt lower than 2021/22 levels, but remains relatively high in a historical context. Exports are forecast to be 8Kt lower on the year, but remain strong at 115Kt. End-season stocks are estimated to be 15Kt lower on the year at 142Kt.
- 18. Appendix II shows cumulative usage and trade data to end-September. This release and related information can be found at ahdb.org.uk/cereals-oilseeds-markets.



Appendix I

UK CEREAL SUPPLY AND DEMAND ESTIMATES (a) Estimates made in November 2022

July to June crop years

Thousand tonnes

| | | WHEAT | | | | | BARLEY | | | | | | |
|------|---|---------|----------|----------|----------|---------|----------|---------|----------|----------|----------|---------|----------|
| | | 2017/18 | | | | | % | 2017/18 | | | | | % |
| | | 2021/22 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | change | 2021/22 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | change |
| | | average | estimate | estimate | estimate | Nov-22 | on 21/22 | average | estimate | estimate | estimate | Nov-22 | on 21/22 |
| (1) | Opening stocks | 1,848 | 1,911 | 2,438 | 1,416 | 1,846 | 30% | 1,137 | 1,091 | 1,357 | 1,058 | 961 | -9% |
| (2) | <u>Production</u> [†] | 13,652 | 16,225 | 9,658 | 13,988 | 15,664 | 12% | 7,361 | 8,048 | 8,117 | 6,961 | 7,190 | 3% |
| (3) | <u>Imports</u> | 1,826 | 1,056 | 2,431 | 1,994 | 1,225 | -39% | 85 | 70 | 89 | 89 | 75 | -16% |
| (4) | Total availability | 17,327 | 19,192 | 14,527 | 17,398 | 18,735 | 8% | 8,583 | 9,210 | 9,562 | 8,108 | 8,226 | 1% |
| (5) | Human and industrial consumption (b) | 7,080 | 6,932 | 6,594 | 7,112 | 7,385 | 4% | 1,833 | 1,778 | 1,722 | 1,883 | 1,923 | 2% |
| (5a) | (of which home grown) | 5,994 | 6,169 | 5,108 | 6,011 | 6,511 | 8% | n/a | n/a | n/a | n/a | n/a | n/a |
| (6) | Usage as animal feed (c) | 7,168 | 7,560 | 6,115 | 7,248 | 7,239 | 0% | 4,262 | 4,144 | 5,312 | 4,227 | 4,014 | -5% |
| (6a) | (of which home grown) | 6,484 | 7,060 | 5,365 | 6,548 | 6,739 | 3% | n/a | n/a | n/a | n/a | n/a | n/a |
| (6b) | (of which compounders) | 4,084 | 4,320 | 3,654 | 4,049 | 4,078 | 1% | 1,457 | 1,399 | 1,890 | 1,544 | 1,358 | -12% |
| (6c) | (of which integrated poultry units) | 1,161 | 1,185 | 1,080 | 1,143 | 1,155 | 1% | 77 | 44 | 147 | 83 | 56 | -32% |
| (7) | Seed (d) | 265 | 215 | 278 | 280 | 280 | - | 188 | 223 | 185 | 164 | 164 | - |
| (8) | Other | 68 | 81 | 48 | 70 | 78 | 11% | 37 | 40 | 41 | 35 | 36 | 3% |
| (9) | Total domestic consumption | 14,581 | 14,788 | 13,035 | 14,710 | 14,982 | 2% | 6,320 | 6,185 | 7,260 | 6,309 | 6,138 | -3% |
| (10) | Balance (4) - (9) | 2,746 | 4,404 | 1,492 | 2,688 | 3,752 | 40% | 2,263 | 3,025 | 2,302 | 1,799 | 2,088 | 16% |
| (11) | Exports (e) | 546 | 1,205 | 209 | 511 | - | * | 1,162 | 1,790 | 1,290 | 764 | - | * |
| (12) | Intervention stocks (e) | - | - | - | - | - | - | - | - | - | - | - | - |
| (13) | Commercial end-season stocks (e) | 1,866 | 2,438 | 1,416 | 1,846 | - | * | 1,109 | 1,357 | 1,058 | 964 | - | * |
| (14) | (of which estimated operating stock requirement) (f) | 1,540 | 1,550 | 1,500 | 1,500 | 1,500 | - | 784 | 790 | 780 | 800 | 800 | - |
| (15) | (of which free stock) (g) | 326 | 888 | | 346 | | * | 325 | 567 | 278 | 164 | - | * |
| (16) | Surplus available for either export or free stock (10)-(12)-(14)-(18) | 872 | 2,093 | | 857 | 2,252 | 163% | 1,474 | 2,356 | 1,568 | 928 | 1,288 | 39% |
| (17) | 2020/21 operating stock deficit (13)-(14)** | | | -84 | | | | | | | | | |
| (18) | Residual (10)-(11)-(13) | | 761 | -134 | 331 | | | | -121 | -46 | 71 | | |

| | | MAIZE | | | | | OATS | | | | | | |
|------|----------------------------------|---------|----------|----------|----------|---------|----------|---------|----------|----------|----------|---------|----------|
| | | 2017/18 | | | | | % | 2017/18 | | | | | % |
| | | 2021/22 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | change | 2021/22 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | change |
| | | average | estimate | estimate | estimate | Nov-22 | on 21/22 | average | estimate | estimate | estimate | Nov-22 | on 21/22 |
| (1) | Opening stocks | 253 | 313 | 222 | 211 | 248 | 18% | 124 | 116 | 106 | 147 | 157 | 6% |
| (2) | Production [†] | - | - | - | - | - | - | 991 | 1,076 | 1,031 | 1,123 | 1,081 | -4% |
| (3) | <u>Imports</u> | 2,458 | 2,376 | 2,856 | 2,207 | 2,010 | -9% | 21 | 18 | 20 | 17 | 15 | -13% |
| (4) | Total availability | 2,710 | 2,689 | 3,078 | 2,417 | 2,258 | -7% | 1,136 | 1,210 | 1,157 | 1,287 | 1,253 | -3% |
| (5) | Human and industrial consumption | 822 | 800 | 1,011 | 858 | 743 | -13% | 532 | 553 | 531 | 503 | 519 | 3% |
| (5a) | (of which home grown) | - | - | - | - | - | - | 511 | 537 | 513 | 485 | 505 | 4% |
| (6) | Usage as animal feed | 1,375 | 1,362 | 1,536 | 1,174 | 1,150 | -2% | 358 | 346 | 394 | 474 | 446 | -6% |
| (6a) | (of which home grown) | - | - | - | - | - | - | 358 | 346 | 394 | 474 | 446 | -6% |
| (7) | Seed | - | - | - | - | - | - | 26 | 29 | 28 | 25 | 25 | - |
| (8) | Other (h) | 4 | 4 | 4 | 4 | 4 | - | 5 | 5 | 5 | 6 | 5 | -17% |
| (9) | Total domestic consumption | 2,201 | 2,166 | 2,551 | 2,035 | 1,898 | -7% | 921 | 933 | 958 | 1,007 | 995 | -1% |
| (10) | Balance (4) - (9) | 509 | 523 | 527 | 382 | 360 | -6% | 215 | 276 | 199 | 280 | 257 | -8% |
| (11) | Exportable surplus | 153 | 135 | 138 | 134 | 135 | 1% | 70 | 120 | 41 | 123 | 115 | -7% |
| (12) | Commercial end-season stocks | 248 | 222 | 211 | 248 | 225 | -9% | 133 | 106 | 147 | 157 | 142 | -9% |
| (13) | Residual (10)-(11)-(12) | | 166 | 178 | | | | | 50 | 11 | | | |

Links connect to relevant Defra/AHDB data pages

Due to rounding, totals may not agree with the sum of individual items

†Defra were unable to publish provisional UK cereal and oilseed production estimates for 2022, due to reduced data availability from UK regions. Defra published provisional estimates for England only. AHDB have consulted with industry and Defra to produce production estimates for Wales, Scotland, and Northern Ireland. These have been combined with the provisional Defra England production figures to produce UK wheat, barley and oat production estimates for this release. For 'other cereals', 2021 production has been used in these balance sheets. Production of all crops for previous seasons is based on the results from the Defra Cereals and Oilseed Rape Production survey.

- (b) Defra updated the registry for the UK flour millers survey in spring 2016, the wheat H&I usage has been adjusted to take account of this change.
- (c) Animal feed usage has been split by sector. Note, other users are only included in the total.
- (d) Seed numbers have been updated based on a number of assumptions, calculated for the purposes of the balance sheets only.
- (e) Split of exports, intervention and total commercial end-season stocks only published for historical seasons.
- (f) Estimated operating stocks requirement is a calculated estimate of the minimum tonnage that users of grain require to get through to a point at which new crop can be utilised.
- (g) Free stock is the stock available after both exports and estimated operating stock requirements have been fulfilled.
- (h) 2014/15 new format: Maize demand in "Other food use" has been added to the H&I total for maize. This was previously included in the "Other" category.

^{*} Change not meaningful

^{**} Due to the highly unusual nature of this seasons hugely reduced wheat production figure, an extra line is included in the balance sheet to show the operating stock deficit.

⁽a) These are revised during the year. Figures rounded to the nearest 1000 tonnes.

| | | OTHER CEREALS (i) | | | | | | | | |
|---------|------------------------------|-------------------------------|---------------------|---------------------|---------------------|-------------------|-------------------------|--|--|--|
| | | 2017/18 2021/22 average | 2019/20 estimate | 2020/21 estimate | 2021/22 estimate | 2022/23 Nov-22 | % change on 21/22 | | | |
| (1) | Opening stocks | 5 | 5 | 5 | 5 | 10 | 90% | | | |
| (2) | Production [†] | 145 | 169 | 168 | 297 | 297 | 0% | | | |
| (3) | Imports | 3 | 3 | 1 | 11 | 10 | -9% | | | |
| (4) | Total availability | 153 | 177 | 174 | 313 | 317 | 1% | | | |
| (5+6) | H&I and animal feed | 144 | 169 | 166 | 294 | 298 | 1% | | | |
| (5a+6a) | (of which home grown) | 142 | 166 | 165 | 284 | 284 | 0% | | | |
| (7) | Seed | 3 | 3 | 3 | 5 | 5 | - | | | |
| (8) | Other | - | - | - | - | - | - | | | |
| (9) | Total domestic consumption | 147 | 172 | 169 | 299 | 303 | 1% | | | |
| (10) | Balance (4) - (9) | 5 | 5 | 5 | 14 | 14 | -2% | | | |
| (11) | Exportable surplus | - | - | - | 4 | 4 | - | | | |
| (12) | Intervention stocks | - | - | - | - | - | - | | | |
| (13) | Commercial end-season stocks | 5 | 5 | 5 | 10 | 10 | -3% | | | |

| | | TOTAL CEREALS | | | | | | | |
|-----------|---|-------------------------------|---------------------|---------------------|---------------------|-------------------|-------------------------|--|--|
| | | 2017/18 2021/22 average | 2019/20 estimate | 2020/21 estimate | 2021/22 estimate | 2022/23 Nov-22 | % change on 21/22 | | |
| (1) | Opening stocks | 3,367 | 3,437 | 4,128 | 2,837 | 3,221 | 14% | | |
| (2) | Production [†] | 22,149 | 25,518 | 18,974 | 22,369 | 24,232 | 8% | | |
| (3) | Imports | 4,393 | 3,523 | 5,397 | 4,318 | 3,335 | -23% | | |
| (4) | Total availability | 29,908 | 32,478 | 28,499 | 29,524 | 30,788 | 4% | | |
| (5) | H&I (wheat, barley, maize, oats) (h) | 10,267 | 10,063 | 9,858 | 10,355 | 10,571 | 2% | | |
| (6) | Animal feed (wheat, barley, maize oats) (h) | 13,163 | 13,412 | 13,357 | 13,123 | 12,850 | -2% | | |
| (5a + 6a) | Other cereals (H&I and animal feed) | 144 | 169 | 166 | 294 | 298 | 1% | | |
| (7) | Seed | 483 | 470 | 494 | 474 | 474 | 0% | | |
| (8) | Other | 114 | 130 | 98 | 115 | 123 | 7% | | |
| (9) | Total domestic consumption | 24,171 | 24,244 | 23,973 | 24,361 | 24,316 | 0% | | |
| (10) | Balance (4) - (9) | 5,738 | 8,234 | 4,526 | 5,163 | 6,472 | 25% | | |
| (11) | Exports | 1,931 | 3,249 | 1,679 | 1,537 | - | - | | |
| (12) | Intervention stocks | - | - | - | - | - | - | | |
| (13) | Commercial end-season stocks | 3,361 | 4,128 | 2,837 | 3,224 | 377 | -88% | | |
| (14) | Estimated operating stock requirement (wheat & barley only) | 2,324 | 2,340 | 2,280 | 2,300 | 2,300 | - | | |
| (15) | Free stock for wheat and barley*** | 651 | 1,455 | 278 | 509 | - | | | |
| (16) | Surplus available for either export or free stock (10)-(12)-(14)-(18) | 3,414 | 5,038 | 2,237 | 2,461 | 4,172 | 70% | | |
| (17) | Residual (10)-(11)-(13) | | 856 | 10 | 403 | | | | |

Source: AHDB, Defra

Links connect to relevant Defra/AHDB data pages

Due to rounding, totals may not agree with the sum of individual items

(i) Includes mainly rye, triticale and mixed grain.

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^{*} Change not meaningful

^{***} Free stock figure in total cereals for 2020/21 balance sheet relates to barley only, due to the wheat deficit

Appendix II

CUMULATIVE MONTHLY STATISTICS Usage of cereals by processors, external trade and stocks

Situation as at end of Sentember 2022

| ### The components of the comp | Situation as a | at end of September 2022 | | | | | | | | | Thousand tonnes |
|--|----------------|------------------------------------|-------|----------|----------|----------|----------|----------|----------|------|-----------------------------|
| MHEAT | | | | 2017/18 | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | | Actual Change 2022/23 on |
| Floor millors 1,816 | | | | 13 weeks | | 2021/22 |
| Of which home-grown 1,317 1,576 1,290 1,228 1,168 1,120 1,280 14% Of which imported 299 242 436 266 312 357 224 -37% - Brewers, malisters and distillers 387 298 884 927 917 840 836 815 -33% Imports From July (1) 179 147 79 247 73 94 243 160% Brewers, malisters and distillers 450 469 461 470 400 443 461 44% Imports From July (2) 24 35 22 16 25 40 21 47% Imports From July (2) 24 35 22 16 25 40 21 47% Imports From July (3) 355 343 129 671 279 268 288 7% Imports From July (3) 355 343 312 313 32 328 338 31 32 328 339 Imports From July (3) 355 343 312 313 329 335 344 391 275 336 376 Imports From July (3) 355 343 312 371 372 388 388 776 Imports From July (3) 355 343 312 371 372 373 374 375 375 Imports From July (3) 355 343 312 371 372 373 374 375 Imports From July (3) 355 343 312 371 375 375 375 Imports From July (3) 355 343 312 375 375 375 375 Imports From July (3) 356 338 344 351 35 32 325 325 325 Imports From July (3) 356 338 344 351 35 32 325 325 Imports From July (3) 356 338 344 351 35 32 325 325 Imports From July (3) 356 338 344 351 35 32 325 325 Imports From July (3) 353 | WHEAT | | | | | | | | | | |
| Usage Brewers, maltsters and distillers 187 298 168 192 180 209 247 18% | | Flour millers (1) | 1,616 | 1,817 | 1,726 | 1,444 | 1,477 | 1,477 | 1,504 | 2% | 27 |
| Brewers, malisters and distillers 187 208 168 192 180 209 247 18% | | of which home-grown | 1,317 | 1,575 | 1,290 | 1,238 | 1,165 | 1,120 | 1,280 | 14% | 160 |
| Animal Feed Processors (?) Animal Feed Processors (?) of which feed compounders 882 884 927 917 840 886 815 -33% of which intergrated poultry units 292 304 297 276 290 275 287 4% Imports From July (?) Brewers, maltsters and distillers 450 469 461 470 400 43 461 44% From July (*) Animal Feed Processors (?) of which intergrated poultry units 18 17 16 11 27 38 18 18 -52% Imports From July (?) From July (?) 18 17 16 11 27 38 18 18 -52% From July (?) Animal Feed Processors (?) of which intergrated poultry units 18 17 16 11 27 38 18 18 -52% From July (?) From July (?) Animal Feed Processors (?) of which intergrated poultry units 18 17 16 11 27 38 18 18 -52% From July (?) Animal Feed Processors (?) Animal Feed Processors (?) Animal Feed Processors (?) Animal Feed Processors (?) From July (?) Animal Feed Processors (?) of which intergrated poultry units 18 17 16 11 27 38 18 75 -22% From July (?) Animal Feed Processors (?) Animal Feed Processors (?) Animal Feed Processors (?) Animal Feed Processors (?) of which intergrated poultry units 13 11 9 19 14 1 " " " " Animal Feed Processors (?) of which intergrated poultry units 13 11 9 19 14 1" " " " From July (?) From July (?) 536 398 544 561 640 324 627 93% From July (?) Animal Feed Processors (?) 13 10 15 12 14 25 19 -25% Animal Feed Processors (?) Animal Feed Processors (?) 13 10 15 12 14 25 19 -25% Imports From July (?) Animal Feed Processors (?) 13 10 15 12 14 25 19 -25% Imports From July (?) 6 6 11 6 6 2 6 6 4 3 3 -30% | | of which imported | 299 | 242 | 436 | 206 | 312 | 357 | 224 | -37% | -133 |
| of which feed compounders 982 884 927 917 840 836 815 -33% of which intergrated poultry units 292 304 299 276 290 275 287 4% 14% 147 15% 147 79 417 73 303 744 632 343 -46% -46% -46% 15% 15% 15% 15% 15% 15% 15% 15% 15% 15 | Usage | Brewers, maltsters and distillers | 187 | 208 | 168 | 192 | 180 | 209 | 247 | 18% | 38 |
| Imports From July (a) From July (b) From July (b) From July (c) Fr | | Animal Feed Processors (2) | 1,185 | 1,188 | 1,226 | 1,194 | 1,130 | 1,111 | 1,102 | -1% | -10 |
| Imports From July (9) 562 430 772 303 744 632 343 -46% -4 | | of which feed compounders | 892 | 884 | 927 | 917 | 840 | 836 | 815 | -3% | -22 |
| Exports From July (a) 179 147 79 417 73 94 243 160% 160% 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 179 147 148 139 128 130 2% 149 170 148 179 148 139 128 130 2% 149 170 148 148 150 142 128 139 128 130 2% 149 150 140 150 142 128 139 128 130 2% 149 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 140 150 1 | | of which intergrated poultry units | 292 | 304 | 299 | 276 | 290 | 275 | 287 | 4% | 12 |
| Barley Brewers, maltsters and distillers | Imports | From July (3) | 562 | 430 | 772 | 303 | 744 | 632 | 343 | -46% | -289 |
| Brewers, maltsters and distillers | Exports | From July (3) | 179 | 147 | 79 | 417 | 73 | 94 | 243 | 160% | 150 |
| Usage | BARLEY | | | | | | | | | | |
| Usage of which feed compounders 294 282 270 281 344 391 275 -30% | | Brewers, maltsters and distillers | 450 | 469 | 461 | 470 | 400 | 443 | 461 | 4% | 18 |
| of which feed compounders 294 282 270 281 344 391 275 -30% - of which intergrated poultry units 18 17 16 11 27 38 18 -52% Imports From July (3) 24 35 22 16 25 40 21 -47% Exports From July (9) 355 343 129 671 279 268 288 7% MAIZE Usage Human and Industrial (9) | Heado | Animal Feed Processors (2) | 312 | 299 | 285 | 292 | 371 | 429 | 293 | -32% | -136 |
| Imports From July (3) 24 35 22 16 25 40 21 -47% | Usage | of which feed compounders | 294 | 282 | 270 | 281 | 344 | 391 | 275 | -30% | -116 |
| Exports From July (3) 355 343 129 671 279 268 288 7% MAIZE Usage Human and Industrial (4) | | of which intergrated poultry units | 18 | 17 | 16 | 11 | 27 | 38 | 18 | -52% | -20 |
| MAIZE Usage Human and Industrial ⁽⁴⁾ Animal Feed Processors ⁽²⁾ of which feed compounders of which intergrated poultry units Imports From July ⁽³⁾ Exports From July ⁽³⁾ OATS Usage Human and Industrial ⁽⁶⁾ Human and Industrial ⁽⁶⁾ 134 130 142 128 139 128 130 2% Animal Feed Processors ⁽²⁾ 13 10 15 12 14 25 19 -25% Imports From July ⁽³⁾ 6 11 6 2 6 4 3 -30% | Imports | From July (3) | 24 | 35 | 22 | 16 | 25 | 40 | 21 | -47% | -19 |
| Human and Industrial (4) | Exports | From July (3) | 355 | 343 | 129 | 671 | 279 | 268 | 288 | 7% | 20 |
| Name From July (3) 134 130 142 128 139 128 130 2% 2 | MAIZE | | | | | | | | | | |
| Animal Feed Processors (2) 107 83 101 125 119 ** ** ** ** ** ** ** ** ** ** ** ** ** | Heada | Human and Industrial (4) | ** | ** | ** | ** | ** | ** | ** | * | * |
| Imports From July (3) 536 398 544 561 640 324 627 93% 526 54 | Usage | Animal Feed Processors (2) | 107 | 83 | 101 | 125 | 119 | ** | ** | * | * |
| Imports From July (3) 536 338 544 561 640 324 627 93% 545 546 54 | | of which feed compounders | 94 | 71 | 92 | 106 | 105 | 91 | 107 | 17% | 16 |
| Exports From July (3) 35 35 38 31 35 20 28 41% | | of which intergrated poultry units | 13 | 11 | 9 | 19 | 14 | ** | ** | * | * |
| OATS Usage Human and Industrial ⁽⁵⁾ 134 130 142 128 130 2% Animal Feed Processors ⁽²⁾ 13 10 15 12 14 25 19 -25% Imports From July ⁽³⁾ 6 11 6 2 6 4 3 -30% | Imports | From July (3) | 536 | 398 | 544 | 561 | 640 | 324 | 627 | 93% | 302 |
| Usage Human and Industrial ⁽⁸⁾ 134 130 142 128 139 128 130 2% Animal Feed Processors ⁽²⁾ 13 10 15 12 14 25 19 -25% Imports From July ⁽³⁾ 6 11 6 2 6 4 3 -30% | Exports | From July (3) | 35 | 35 | 38 | 31 | 35 | 20 | 28 | 41% | 8 |
| Usage Human and Industrial ⁽⁸⁾ 134 130 142 128 139 128 130 2% Animal Feed Processors ⁽²⁾ 13 10 15 12 14 25 19 -25% Imports From July ⁽³⁾ 6 11 6 2 6 4 3 -30% | OATS | | | | | | | | | | |
| Animal Feed Processors (2) 13 10 15 12 14 25 19 -25% Imports From July (3) 6 11 6 2 6 4 3 -30% | | Human and Industrial (5) | 134 | 130 | 142 | 128 | 139 | 128 | 130 | 2% | 2 |
| imports | Usage | Animal Feed Processors (2) | 13 | 10 | 15 | 12 | 14 | 25 | 19 | -25% | -6 |
| Exports From July ⁽⁹⁾ 18 17 14 26 16 6 49 768% | Imports | From July (3) | 6 | 11 | 6 | 2 | 6 | 4 | 3 | -30% | -1 |
| | Exports | From July (3) | 18 | 17 | 14 | 26 | 16 | 6 | 49 | 768% | 44 |

Source: AHDB, Defra, HMRC

Notes

Due to rounding, totals may not agree with the sum of the individual items.

There are 53 weeks in the statistical year 2020. In order to incorporate the change January 2020 was increased to a 5 week period compared to 4 weeks in 2019.

There are 53 weeks in the statistical year 2016. In order to incorporate the change April 16 was increased to a 5 week period compared to 4 weeks in 2015.

Figures in Appendix II were updated on 22 November 2022. The data above may differ from the most recent published data.

Disclaimer

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⁽¹⁾ Includes bioethanol and starch usage

⁽²⁾ Great Britain only

⁽³⁾ HMRC

⁽⁴⁾ Data no longer available. For quarterly data to end of 2017/18, please access using historic balance sheets.

⁽⁵⁾ Oat milled data published quarterly.

^{*} Changes not meaningful

^{**}Insufficient sample to produce robust figure