

The following spray costs are a group average of heavy and wold land types.

Wheat

- 1999/00 The average cost of wheat was £94.89/ha.
- 2000/01 Average costs were reduced due to very heavy rain and flooding.
- 2003/04 Herbicide costs increase due to early drilling and less ploughing, making brome, blackgrass and ryegrass more of a problem. Fungicide costs increase due to the use of strob.
- 2004/05 Reduction in fungicide costs due to less strob being used.
- 2006/07 Fungicide costs increase due to brown rust control.
- 2007/08 Herbicide costs stay static. Fungicide costs have increased due to the promise of high wheat prices.

Barley Spray costs stay fairly static, 2003/04 was the highest year.

Oilseed Rape Herbicide costs are high as we tried to clean the grass weeds out.

2007/08 Costs have increased due to extra sclerotinia sprays applied and high prices.

Average Annual Spray Costings for the Seasons 1999/00 to 2007/08

Winter Wheat

| | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 2006/07 | 2007/08 |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Herbicides | 36.44 | 35.18 | 36.36 | 43.82 | 50.03 | 43.72 | 42.53 | 46.68 | 47.33 |
| Fungicides | 48.17 | 39.28 | 43.70 | 53.50 | 59.64 | 48.56 | 43.68 | 56.90 | 62.43 |
| Insecticides | 1.92 | 0.45 | 1.16 | 3.07 | 3.48 | 4.05 | 2.74 | 3.16 | 3.38 |
| Growth Regulators | 6.45 | 3.75 | 5.18 | 4.73 | 6.07 | 5.61 | 5.40 | 5.91 | 5.21 |
| Trace Elements | 0.74 | 0.58 | 1.04 | 1.00 | 1.06 | 1.55 | 1.17 | 1.81 | 1.65 |
| Molluscicides | 0.59 | 0.92 | 0.66 | 0.12 | 0.15 | 1.13 | 0.46 | 0.93 | 2.25 |
| Adjuvants | 0.58 | 0.65 | 0.65 | 0.72 | 0.95 | 2.10 | 1.66 | 1.97 | 1.98 |
| | 94.89 | 80.81 | 88.75 | 106.96 | 121.38 | 106.72 | 97.64 | 117.36 | 124.23 |

Winter Barley

| | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 2006/07 | 2007/08 |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Herbicides | 38.13 | 35.02 | 39.37 | 36.89 | 49.54 | 45.55 | 45.55 | 45.21 | 41.55 |
| Fungicides | 43.48 | 41.31 | 37.92 | 34.62 | 38.77 | 36.48 | 30.66 | 42.02 | 38.84 |
| Insecticides | 0.56 | 0.42 | 1.03 | 0.82 | 0.97 | 1.11 | 1.10 | 1.22 | 1.61 |
| Growth Regulators | 10.07 | 5.87 | 7.19 | 5.79 | 6.58 | 6.30 | 5.97 | 4.76 | 7.35 |
| Trace Elements | 0.82 | 0.64 | 0.94 | 0.99 | 1.24 | 1.38 | 1.31 | 1.72 | 2.04 |
| Molluscicides | 0.09 | 0.40 | 0.28 | 0.21 | 0.00 | 0.18 | 0.09 | 0.09 | 0.02 |
| Adjuvants | 0.14 | 0.32 | 0.02 | 0.07 | 0.11 | 0.02 | 0.66 | 1.32 | 0.73 |
| | 93.29 | 83.98 | 86.75 | 79.39 | 97.21 | 91.02 | 85.34 | 96.34 | 92.14 |

Oilseed Rape

| | 1999/00 | 2000/01 | 2001/02 | 2002/03 | 2003/04 | 2004/05 | 2005/06 | 2006/07 | 2007/08 |
|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Herbicides | 54.29 | 49.11 | 52.86 | 53.14 | 59.59 | 61.44 | 63.85 | 65.00 | 68.20 |
| Fungicides | 13.60 | 2.21 | 10.52 | 10.32 | 14.18 | 10.30 | 10.78 | 10.24 | 17.82 |
| Insecticides | 0.74 | 0.61 | 0.83 | 0.78 | 0.28 | 0.86 | 0.71 | 0.90 | 1.08 |
| Growth Regulators | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| Trace Elements | 0.03 | 0.10 | 0.16 | 0.06 | 0.19 | 1.95 | 0.25 | 0.21 | 1.07 |
| Molluscicides | 1.06 | 1.18 | 0.77 | 0.54 | 0.06 | 1.16 | 1.93 | 0.77 | 1.92 |
| Adjuvants | 1.77 | 1.86 | 0.78 | 0.41 | 0.14 | 0.10 | 0.03 | 0.37 | 0.53 |
| | 71.49 | 55.07 | 65.92 | 65.25 | 74.44 | 75.82 | 77.55 | 77.49 | 90.62 |

To calculate your cost per tonne and a more detailed benchmark, please do not hesitate to contact us about joining our HGCA benchmarking group. This is also available for non J K Senior & Son customers.