

J K Senior & Sons 2018 Summary of this Years Spray Costs

These are independent spray costs covering 30000 acres in East Yorkshire and surrounding areas. This format monitors your spray inputs to show how you have performed through the years, you can see the high disease years, 2012, 2014, 2016 and 2017 in the wheat.

Average Annual Spray Costings/Ha.

<u>Winter Wheat</u>	<u>2008/09</u>	<u>2009/10</u>	<u>2010/11</u>	<u>2011/12</u>	<u>2012/13</u>	<u>2013/14</u>	<u>2014/15</u>	<u>2015/16</u>	<u>2016/17</u>	<u>2017/18</u>
Herbicides	51.44	44.66	54.29	64.92	60.69	86.10	84.55	97.79	95.77	97.24
Fungicides	65.78	54.13	54.19	89.25	61.02	106.19	77.29	83.86	89.29	78.89
Insecticides	3.86	3.28	5.01	3.36	1.36	2.95	1.52	2.32	3.60	1.19
Growth Regulators	4.51	5.10	3.56	9.14	4.43	8.66	8.47	7.23	8.22	6.74
Trace Elements	1.23	2.44	2.89	2.07	1.69	2.63	2.73	2.33	2.22	2.41
Molluscicides	1.24	0.16	0.29	0.10	0.58	0.10	0.55	0.32	0.27	0.98
Adjuvants	2.35	2.46	2.08	1.99	2.10	1.62	1.12	1.05	0.97	1.05
	130.41	112.23	122.31	170.83	131.86	208.25	176.23	195.00	200.34	188.50

<u>Winter Barley</u>	<u>2008/09</u>	<u>2009/10</u>	<u>2010/11</u>	<u>2011/12</u>	<u>2012/13</u>	<u>2013/14</u>	<u>2014/15</u>	<u>2015/16</u>	<u>2016/17</u>	<u>2017/18</u>
Herbicides	53.33	43.52	50.27	59.51	62.74	80.60	87.59	98.68	99.32	95.56
Fungicides	46.99	44.58	42.29	56.66	35.82	62.35	49.03	46.35	54.68	68.73
Insecticides	1.87	1.48	0.96	1.00	1.06	0.96	0.93	1.09	1.70	1.40
Growth Regulators	5.78	6.79	4.08	7.01	6.15	8.04	5.68	6.06	6.10	5.93
Trace Elements	3.23	2.49	2.84	3.11	2.92	3.05	3.40	2.72	3.24	3.32
Molluscicides	0.45	0.00	0.00	0.00	0.06	0.00	0.34	0.04	0.10	0.04
Adjuvants	1.92	1.53	1.75	1.98	2.89	1.42	1.32	1.36	1.37	1.33
	113.57	100.39	102.19	129.27	111.65	156.42	148.29	156.30	166.51	176.31

<u>Oilseed Rape</u>	<u>2008/09</u>	<u>2009/10</u>	<u>2010/11</u>	<u>2011/12</u>	<u>2012/13</u>	<u>2013/14</u>	<u>2014/15</u>	<u>2015/16</u>	<u>2016/17</u>	<u>2017/18</u>
Herbicides	84.90	79.52	73.69	71.86	75.72	93.63	89.09	89.57	93.75	91.37
Fungicides	23.24	23.68	23.58	29.55	13.42	36.88	21.35	32.05	33.37	28.92
Insecticides	1.58	1.65	3.98	1.53	1.37	1.20	3.29	3.34	14.15	14.14
Growth Regulators	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.10	0.05	0.00
Trace Elements	1.75	0.15	1.95	1.00	0.09	1.81	0.41	0.41	0.34	0.14
Molluscicides	3.40	0.37	1.67	0.61	1.43	0.55	2.77	2.53	2.02	4.28
Adjuvants	0.76	0.27	0.55	0.91	1.00	0.78	0.88	1.02	0.67	1.45
	115.63	105.64	105.42	105.46	93.03	134.85	117.86	129.02	144.35	140.30

<u>Vining Peas</u>	<u>2008/09</u>	<u>2009/10</u>	<u>2010/11</u>	<u>2011/12</u>	<u>2012/13</u>	<u>2013/14</u>	<u>2014/15</u>	<u>2015/16</u>	<u>2016/17</u>	<u>2017/18</u>
Herbicides	56.73	63.65	52.03	53.18	59.98	78.41	75.02	72.35	57.38	53.19
Fungicides	3.87	5.10	5.13	10.37	2.38	7.93	14.54	14.44	13.66	1.47
Insecticides	7.15	13.62	9.22	5.09	7.99	7.69	11.79	9.20	13.11	13.72
Growth Regulators	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Trace Elements	0.00	0.00	0.00	0.74	0.00	0.16	0.00	0.00	0.00	0.52
Molluscicides	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Adjuvants	0.00	0.26	0.31	0.21	0.29	0.17	0.08	0.65	0.19	0.00
	67.75	82.63	66.69	69.59	70.63	94.36	101.43	96.64	84.34	68.90

<u>Spring Beans</u>	<u>2013/14</u>	<u>2014/15</u>	<u>2015/16</u>	<u>2016/17</u>	<u>2017/18</u>
Herbicides	87.63	79.53	57.69	77.78	51.19
Fungicides	61.48	25.72	27.76	26.58	24.75
Insecticides	17.81	11.49	12.52	13.43	13.09
Growth Regulators	0.00	0.00	0.00	0.00	0.00
Trace Elements	0.20	0.00	0.00	0.00	0.00
Molluscicides	0.00	0.64	0.35	0.00	0.00
Adjuvants	0.32	0.24	1.17	0.81	0.35
	167.44	117.62	99.49	118.60	89.38

<u>Spring Barley</u>	<u>2016/17</u>	<u>2017/18</u>
Herbicides	47.29	42.97
Fungicides	31.93	33.44
Insecticides	2.50	2.32
Growth Regulators	1.75	2.31
Trace Elements	1.90	2.48
Molluscicides	0.05	0.00
Adjuvants	0.60	0.25
	86.02	83.77

Please feel free to contact us alexreswell@jksenior.com for a full 2016 update or if you want to discuss your pesticide inputs.