

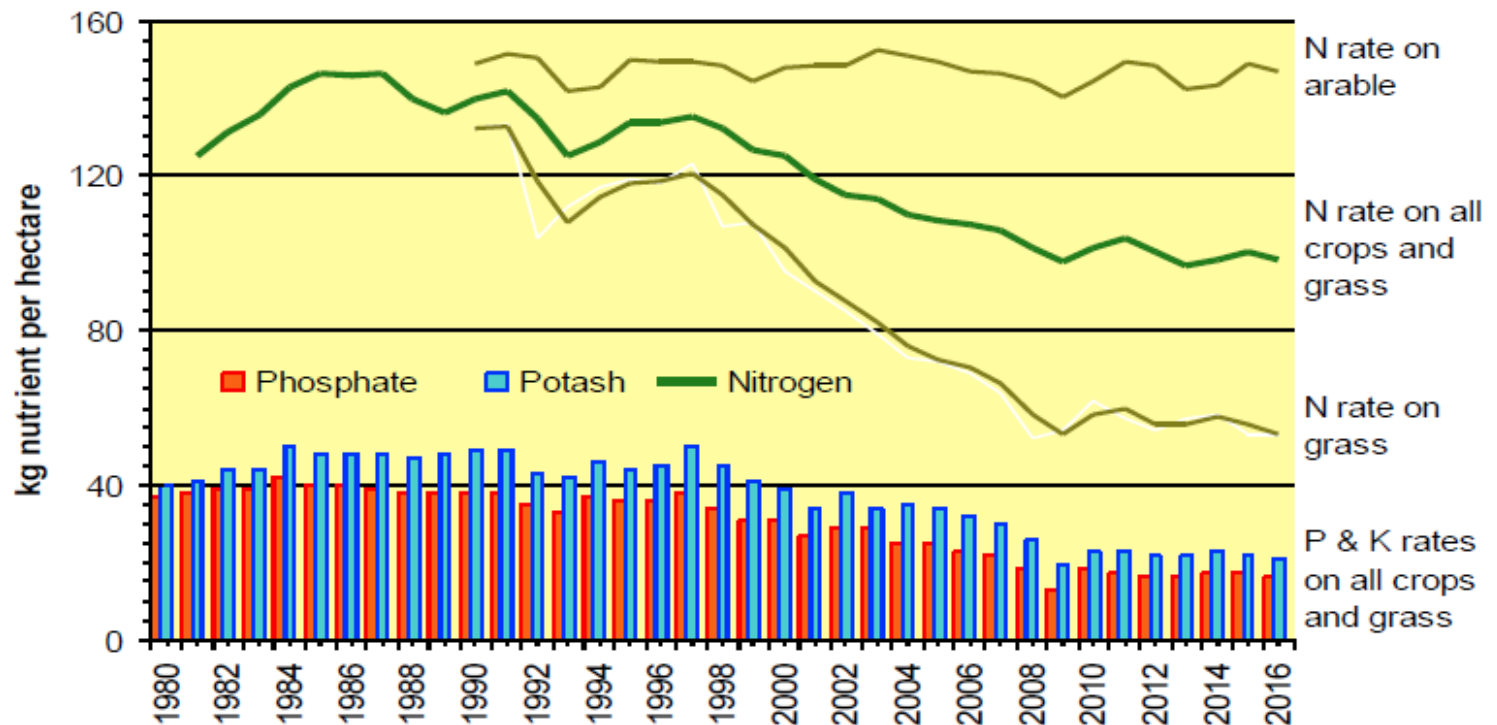


Fertiliser Statistics 2017



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Figure 1: Trends in overall nutrient application rates in England and Wales



Source: British Survey of Fertiliser Practice

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Table 1:
Areas of main
crops and
managed grass
in the UK
[‘000 ha]

Growing season:	2011/12 5 years ago	2012/13	2013/14	2014/15	2015/16	1 year % change 2015-16	5 year % change 2012-16	crop area as % of total 2015-16
Wheat	1992	1615	1936	1832	1823	- 0.5	- 8.5	15.3
Barley	1002	1213	1080	1101	1122	+ 1.9	+ 12.0	9.4
Total cereals	3142	3028	3179	3064	3132	+ 1.0	- 0.3	26.3
Potatoes	149	139	141	129	139	+ 7.8	- 6.7	1.2
Sugar beet	120	117	116	90	86	- 4.4	- 28.3	0.7
Oilseeds (inc. linseed)	785	750	690	667	606	- 9.1	- 22.8	5.1
Peas/beans (dry)	120	147	139	195	228	+ 7.0	+ 90.0	1.9
Other crops (excl. grass)	432	484	457	534	476	- 0.8	+ 10.2	4.0
Grass, < 5 yrs old	1357	1390	1396	1167	1144	- 2.0	- 15.7	9.6
Grass, 5 yrs old+	5799	5802	5824	6078	6118	+ 0.7	+ 5.5	51.3
Total UK area*	11904	11857	11942	11924	11929	+ 0.0	+ 0.2	100.0
Uncropped arable land	153	255	160	214	262	+ 22.4	+ 71.2	

*Area of potentially fertilised arable land and managed grass

Source: Defra Statistics

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Figure 2:
 Average nitrogen application rates on some major crops in Great Britain

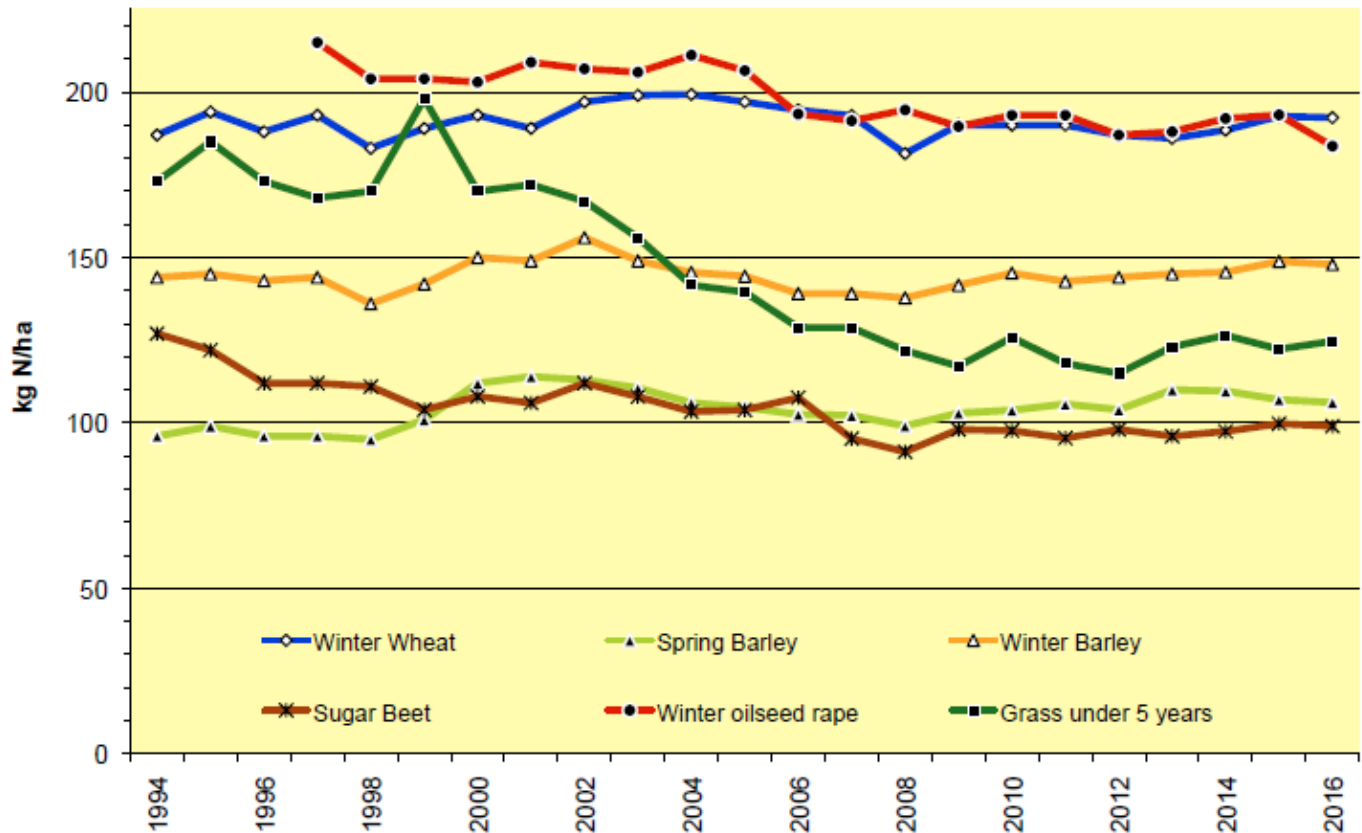


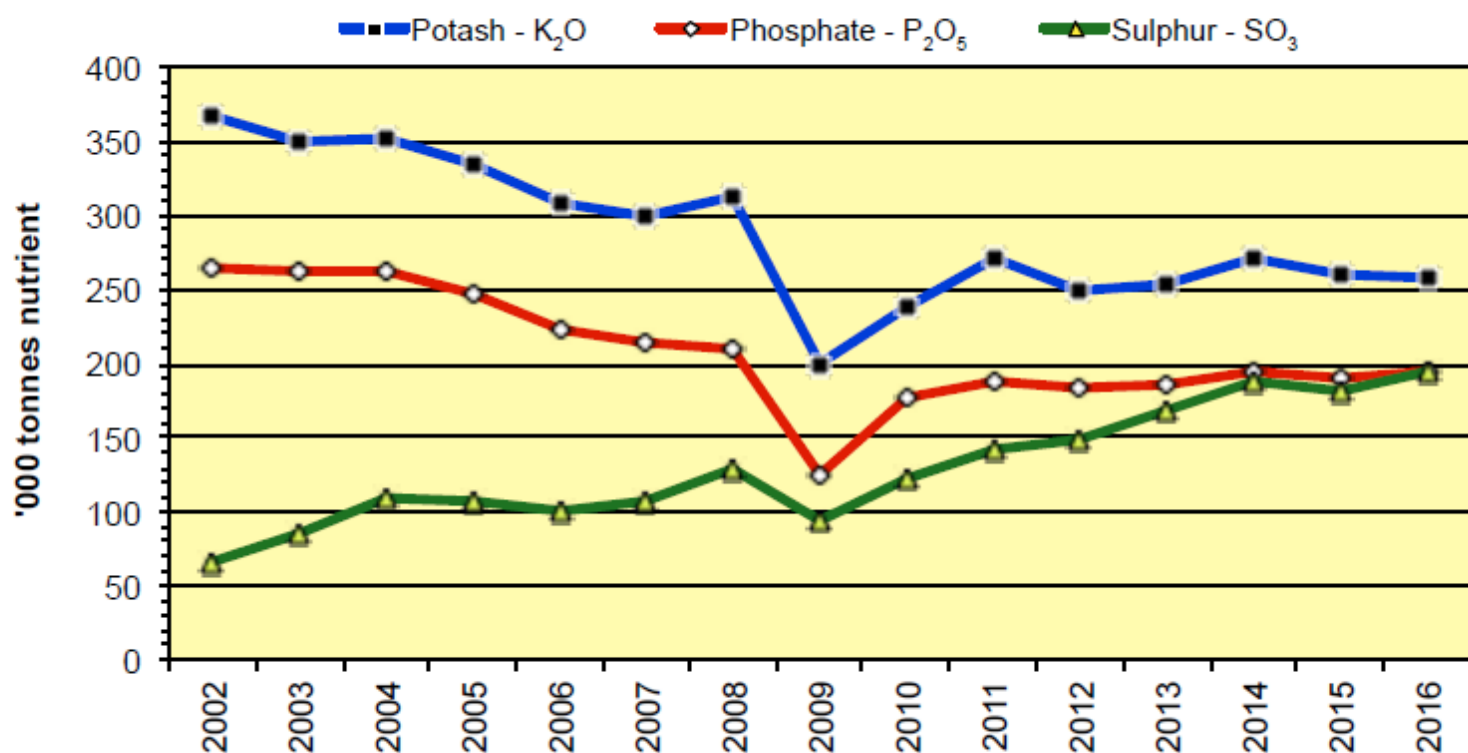
Table 2:
Overall rates of
fertiliser usage,
Great Britain

			kg/ha				
			2011/12	2012/13	2013/14	2014/15	2015/16
Arable	Total Nitrogen	N	144	137	146	146	142
	Compound N		13	16	14	13	14
	Straight N		131	121	132	133	128
	Total Phosphate	P₂O₅	28	28	29	29	29
	Total Potash	K₂O	37	40	39	38	39
Grass	Total Nitrogen	N	56	59	60	56	56
	Compound N		31	31	30	28	28
	Straight N		25	28	30	28	28
	Total Phosphate	P₂O₅	9	9	10	9	9
	Total Potash	K₂O	12	13	14	12	12
Arable & Grass	Total Nitrogen	N	95	94	99	98	94
	Compound N		23	24	23	21	21
	Straight N		72	70	76	77	73
	Total Phosphate	P₂O₅	17	18	18	18	18
	Total Potash	K₂O	23	25	25	24	24

Source: British Survey of Fertiliser Practice

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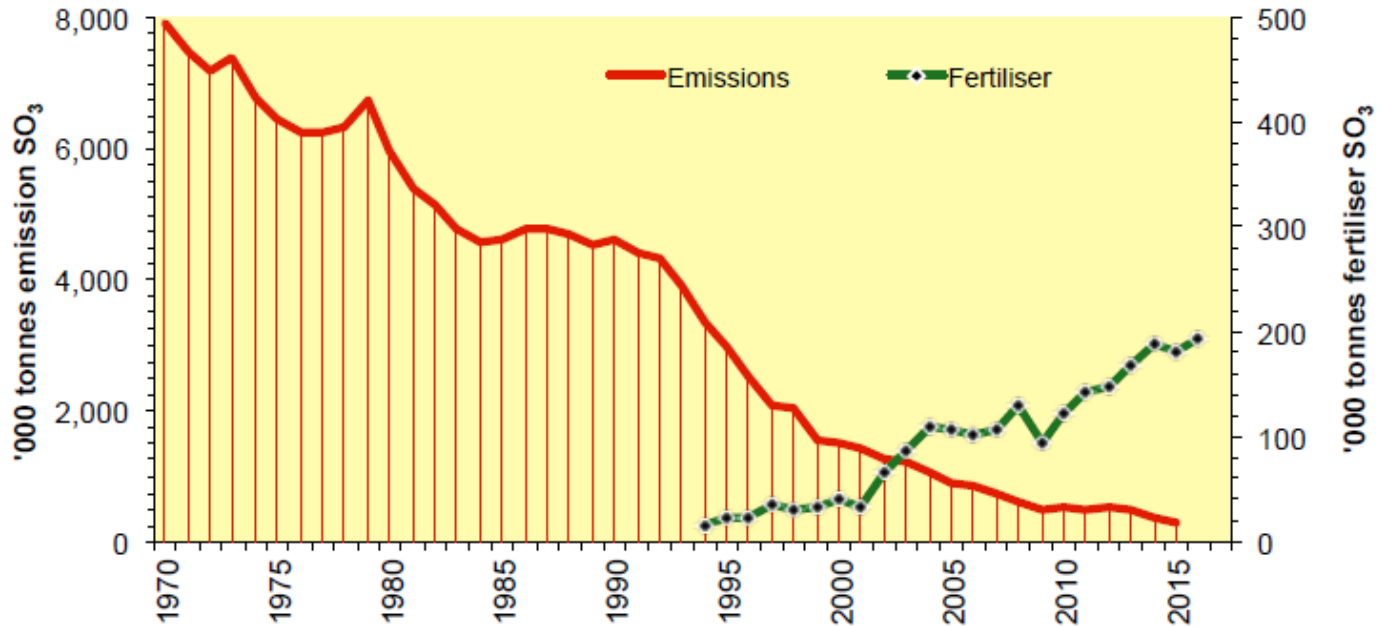
Figure 3:
 Consumption of
 mineral phosphate,
 potash and sulphur
 in Great Britain



Sources: AIC Statistics and British Survey of Fertiliser Practice

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Figure 3a: Trends in atmospheric sulphur deposition and use of sulphur fertilisers in Great Britain



Sources: National Atmospheric Emissions Inventory and AIC Statistics

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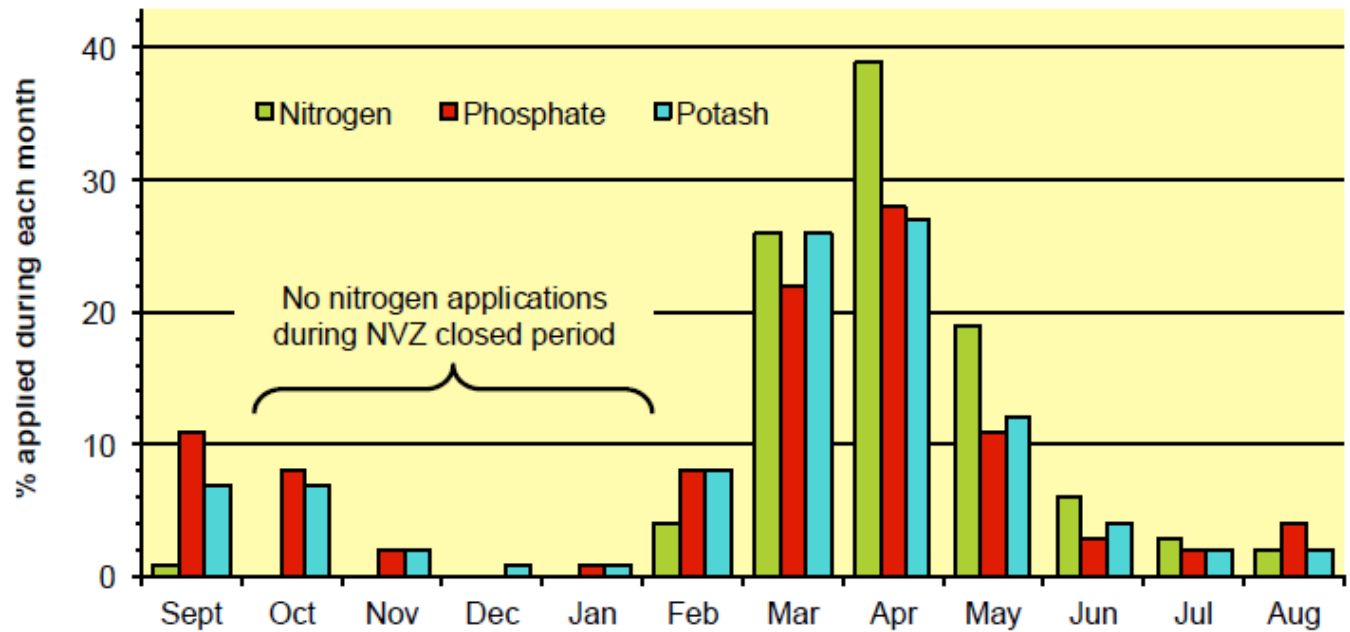
Table 3:
UK consumption
of fertiliser
nutrients
('000 tonnes)

Growing season:	2005/06 10 yrs ago	2011/12	2012/13	2013/14	2014/15	2015/16	1 year % change 2015-16	10 year % change 2006-16
Nitrogen (N)	1003	1000	998	1060	1049	1026	- 2.2	+ 2.3
Phosphate (P ₂ O ₅)	235	188	194	201	196	197	+ 0.5	- 16.2
Potash (K ₂ O)	325	259	267	284	272	270	- 0.7	- 16.9
Sulphur (SO ₃)	101	158	176	195	188	201	+ 6.9	+ 99.0
Total Plant Food	1664	1605	1635	1740	1705	1694	- 0.6	+ 1.8

Sources: AIC Statistics

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Figure 4: Time of application of fertiliser nutrients in Great Britain, 2015/16



Source: British Survey of Fertiliser Practice

Figure 5:

 Average quantities

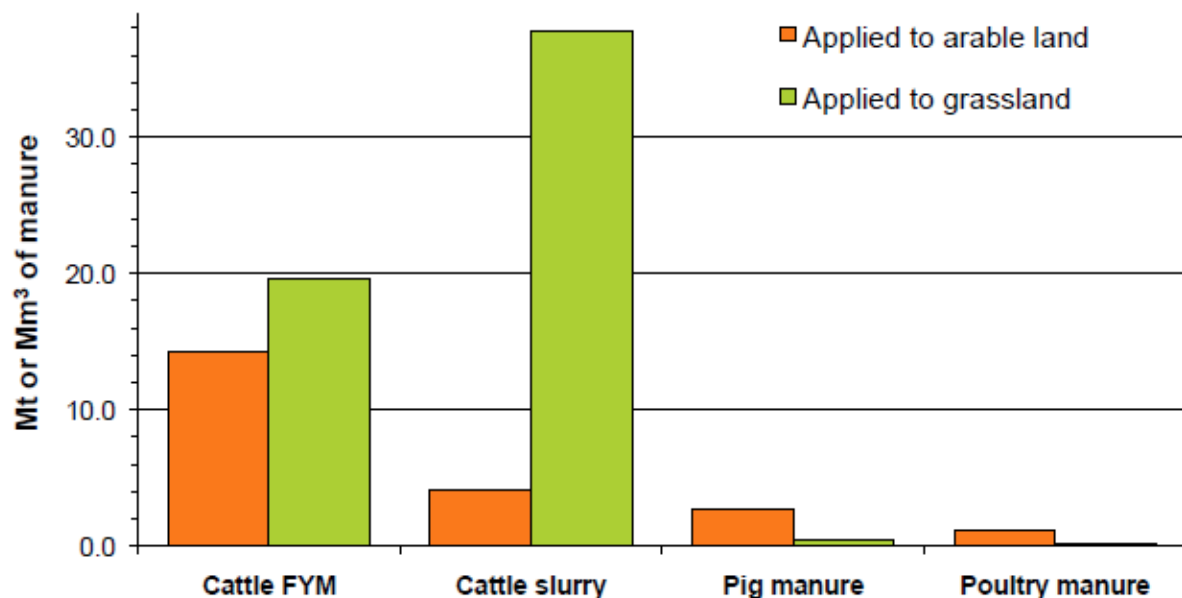
 of different farm

 manures applied

 to arable or

 grassland in

 Great Britain



Source: British Survey of Fertiliser Practice

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Figure 6: Some global fob fertiliser product prices compared with the UK on-farm price

