

Commission (1845); The Emigration Commission (1825); the Tithe Commutation Act (1836); the Copyhold Enfranchisement Act (1841); the Penny Post—Sir Rowland Hill (1840); the Land Drainage Company; the Lands Improvement Company; Government Drainage Loans: the first was passed in August, 1816, and a grant for England and Scotland for a period of 22 years, at 6½ per cent., was for £2,000,000, and for Ireland, £1,000,000. The demand for Scotland was very great, as much as £40,000 by a single proprietor; but early in the session of 1817 an act was passed limiting the amount to any one proprietor to £10,000. In 1849 the whole money was applied for and granted, and an act passed for enabling companies or private parties to advance money. In 1850 another act was passed, making an additional grant for England and Scotland of £2,000,000, and for Ireland of £200,000, but limiting the sum to any one applicant to £5,000, including previous grants—a pretty clear proof of the anxiety for improvement by drainage. An act passed for obtaining outfalls in 1847.

Implemental Inventions.—The drill—Jethro Tull, the Horse-hoe, ditto (1740); the thrashing machine and fixed beaters (1793); by Meikle (Scotland), in use sixty years at Clackmannan; the reaping machine (1827), by the Rev. Patrick Bell (Scotland), who is still living; the dibbling machine, by the Rev. J. Cooke (1788); the Americanized Bell's reapers, made by McCormick, and Hussey (1856); the first agricultural portable steam-engine invented and made by Davis of Birmingham, the grass-mowing machine introduced from America, pipe-making machines (Clayton and others), first draining tiliery established (1841); Fowler's steam draining plough, Fowler's steam cultivating plough, Smith's (of Woolston) system of steam cultivation; winnowing machine introduced from Holland into Scotland, and publicly denounced from the pulpit (1710).

Literary Events.—The art of printing; Casson's type manufacture; the printing and circulation of agricultural newspapers and magazines—Roffee's Farmers' Journal (about 1790); the first English work on agriculture (1531) entitled "The Boke of Husbandrie," 100 pages, by Sir Anthony Fitzherbert, Chief Justice of the Common Pleas in the time of Henry VIII.; the second was by Thomas Tusser, an Essex man, born 1527, who farmed at Rivenhall, about six miles from Tiptree; Jethro Tull—Arthur Young, also an Essex man (1740); the "Annals of Agriculture," commenced by Arthur Young (1784), and continued until 1808; the Journals of the Highland Society and of the Royal Agricultural Society of England; the works of Morton, Stephens, Low, Loudon, Huxtable, Smith, Hewitt, Davis, Caird, Rham, and Pusey.

General Events.—Turnpike Roads, canals; railways Manchester and Liverpool (1830); the

spinning jenny, the mule, the power loom; the steam-engine as applied to manufactures, mines, and river and ocean navigation; the electric telegraph (1837); steam navigation first built on the Clyde (1801).

Fluctuation in the Imperial Average Price of Wheat, annually from 1641 to 1860.

Year	Price per qr.	Year	Price per qr.	Year	Price per qr.	Year	Price per qr.
	s.		s.		s.		s.
1641	57	1696	63	1751	34	1806	37
1642	60	1697	54	1752	37	1807	37
1643	60	1698	61	1753	40	1808	38
1644	61	1699	57	1754	31	1809	38
1645	51	1700	36	1755	30	1810	38
1646	43	1701	34	1756	40	1811	39
1647	66	1702	26	1757	54	1812	39
1648	76	1703	32	1758	44	1813	39
1649	71	1704	42	1759	35	1814	39
1650	68	1705	27	1760	23	1815	39
1651	65	1706	23	1761	27	1816	39
1652	44	1707	25	1762	35	1817	39
1653	31	1708	37	1763	36	1818	39
1654	23	1709	60	1764	42	1819	39
1655	30	1710	69	1765	48	1820	39
1656	38	1711	48	1766	43	1821	39
1657	42	1712	41	1767	48	1822	39
1658	58	1713	45	1768	54	1823	39
1659	59	1714	44	1769	41	1824	39
1660	50	1715	38	1770	44	1825	39
1661	62	1716	42	1771	47	1826	39
1662	66	1717	40	1772	51	1827	39
1663	51	1718	34	1773	51	1828	39
1664	36	1719	31	1774	53	1829	39
1665	44	1720	33	1775	49	1830	39
1666	32	1721	33	1776	38	1831	39
1667	32	1722	32	1777	46	1832	39
1668	36	1723	31	1778	42	1833	39
1669	40	1724	33	1779	34	1834	39
1670	37	1725	43	1780	36	1835	39
1671	38	1726	41	1781	45	1836	39
1672	37	1727	38	1782	48	1837	39
1673	42	1728	48	1783	53	1838	39
1674	61	1729	42	1784	49	1839	39
1675	58	1730	32	1785	52	1840	39
1676	34	1731	29	1786	39	1841	39
1677	38	1732	24	1787	41	1842	39
1678	53	1733	25	1788	45	1843	39
1679	54	1734	31	1789	51	1844	39
1680	40	1735	38	1790	55	1845	39
1681	41	1736	36	1791	49	1846	39
1682	39	1737	34	1792	43	1847	39
1683	36	1738	31	1793	49	1848	39
1684	39	1739	34	1794	52	1849	39
1685	41	1740	45	1795	75	1850	39
1686	30	1741	42	1796	79	1851	39
1687	23	1742	30	1797	54	1852	39
1688	41	1743	22	1798	52	1853	39
1689	27	1744	22	1799	69	1854	39
1690	31	1745	25	1800	114	1855	39
1691	30	1746	35	1801	120	1856	39
1692	41	1747	31	1802	70	1857	39
1693	60	1748	33	1803	59	1858	39
1694	57	1749	33	1804	62	1859	39
1695	47	1750	29	1805	90	1860	39