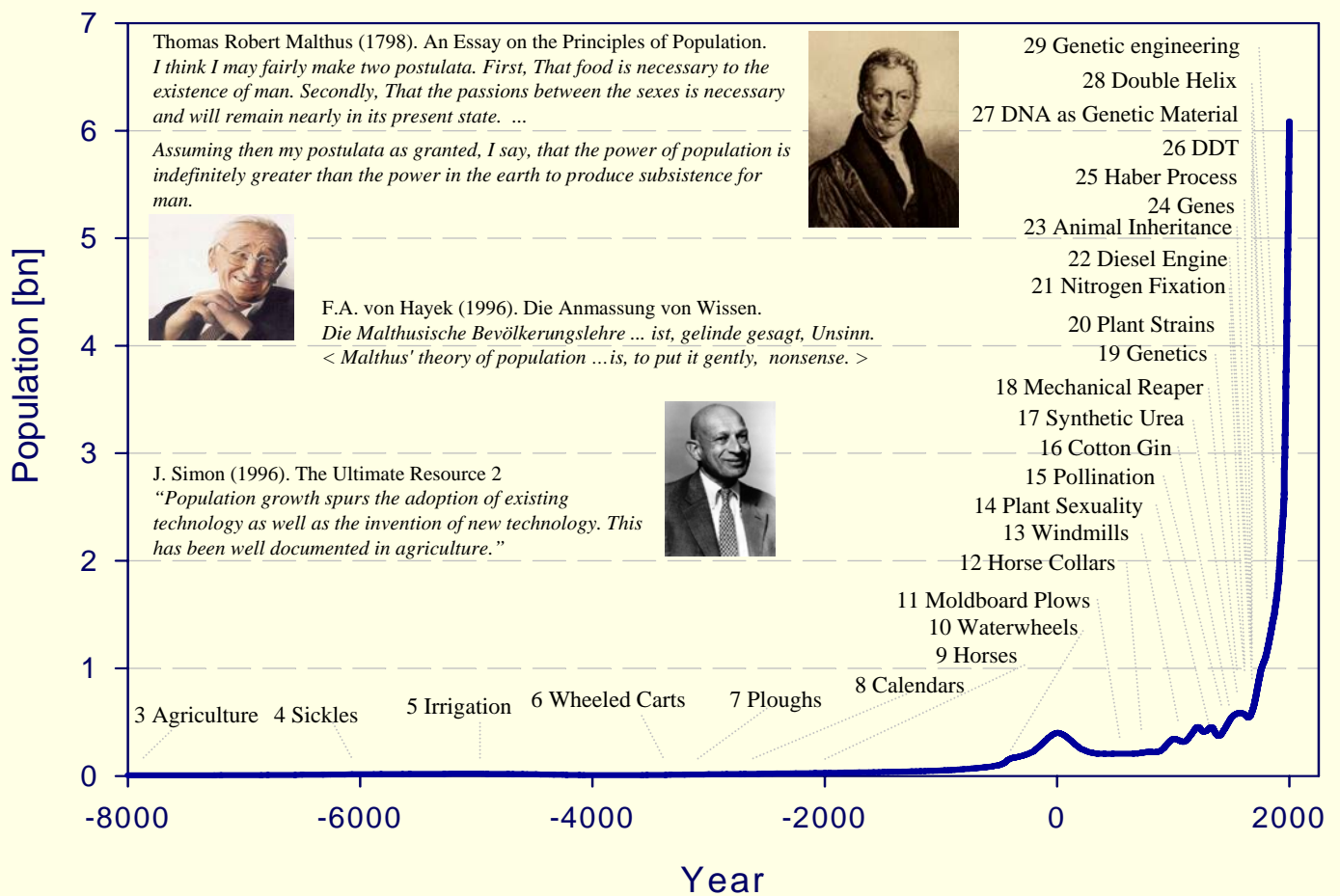


Population, agricultural discoveries and inventions

Name	Year	Pop. [bn]*	Inventor	Name	Year	Pop. [bn]*	Inventor
1 Bows and arrows	-20000	?	<i>Homo sapiens sapiens</i>	11 Moldboard plows	600	0.20	Slavs
2 Animal Domestication	-12000	?	Cave dwellers	12 Horse Collars	874	0.24	
3 Agriculture	-8000	0.005	Nomadic herders	13 Windmills	1180	0.43	Persians
4 Sickles	-6000	0.012		14 Plant Sexuality	1682	0.66	Nehemiah Grew
5 Irrigation	-5000	0.020		15 Pollination	1763	1.05	Josef Gottlieb Kohlreuter
6 Wheeled Carts	-3500	0.011		16 Cotton Gin	1793	1.10	Eli Whitney
7 Ploughs	-3100	0.012					
8 Calendars	-2800	0.016	Egyptians				
9 Horses	-2000	0.027	Nomadic dwellers				
10 Waterwheels	-85	0.300					



Name	Year	Pop. [bn]*	Inventor	Name	Year	Pop. [bn]*	Inventor
17 Synthetic Urea	1828	1.29	Friedrich Wöhler	24 Genes	1909	1.70	Wilhelm Ludvig Johannsen
18 Mechanical Reaper	1834	1.30	Cyrus Hall McCormick	25 Haber Process	1909	1.70	Fritz Haber
19 Genetics	1865	1.45	Gregor Johann Mendel	26 DDT	1939	2.10	Paul Hermann Müller
20 Plant Strains	1871	1.50	Luther Burbank	27 DNA as Genetic Material	1944	2.30	Oswald Theodore Avery
21 Nitrogen Fixation	1886	1.55	Hermann Hellriegel	28 Double Helix	1953	2.70	D. Watson, F.H.C. Crick
22 Diesel Engine	1897	1.60	Rudolf Diesel	29 Genetic engineering	1973	4.00	Standley H. Cohen, Herbert W. Boyer
23 Animal inheritance	1902	1.62	William Bateson				

* estimated