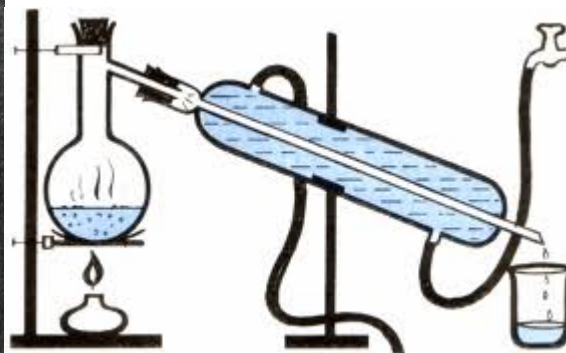
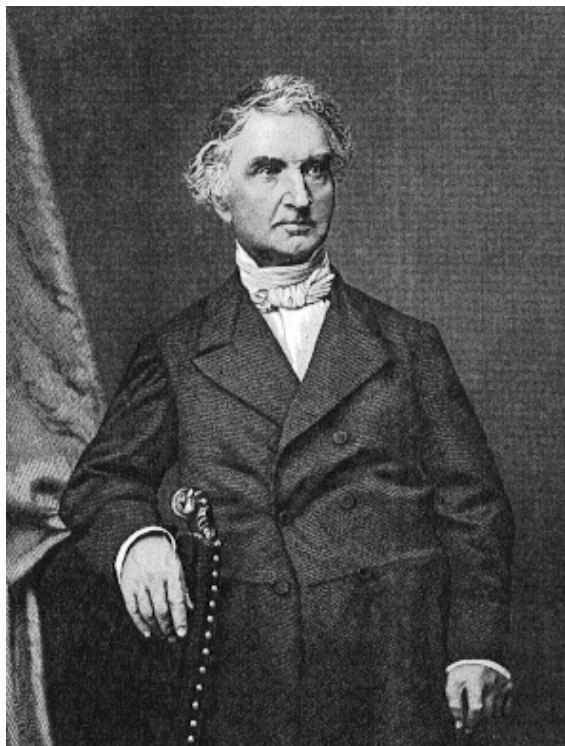


## Justus von Liebig (1803-1873)



**Justus von Liebig** (May 12, 1803 in Darmstadt, Germany - April 18, 1873 in Munich, Germany) was a German chemist. The chemist who promoted the Liebig Condenser to make distilled water.

### *Organic Chemistry in its Application to Agriculture and Physiology.*

by Justus Von Liebig - 1840

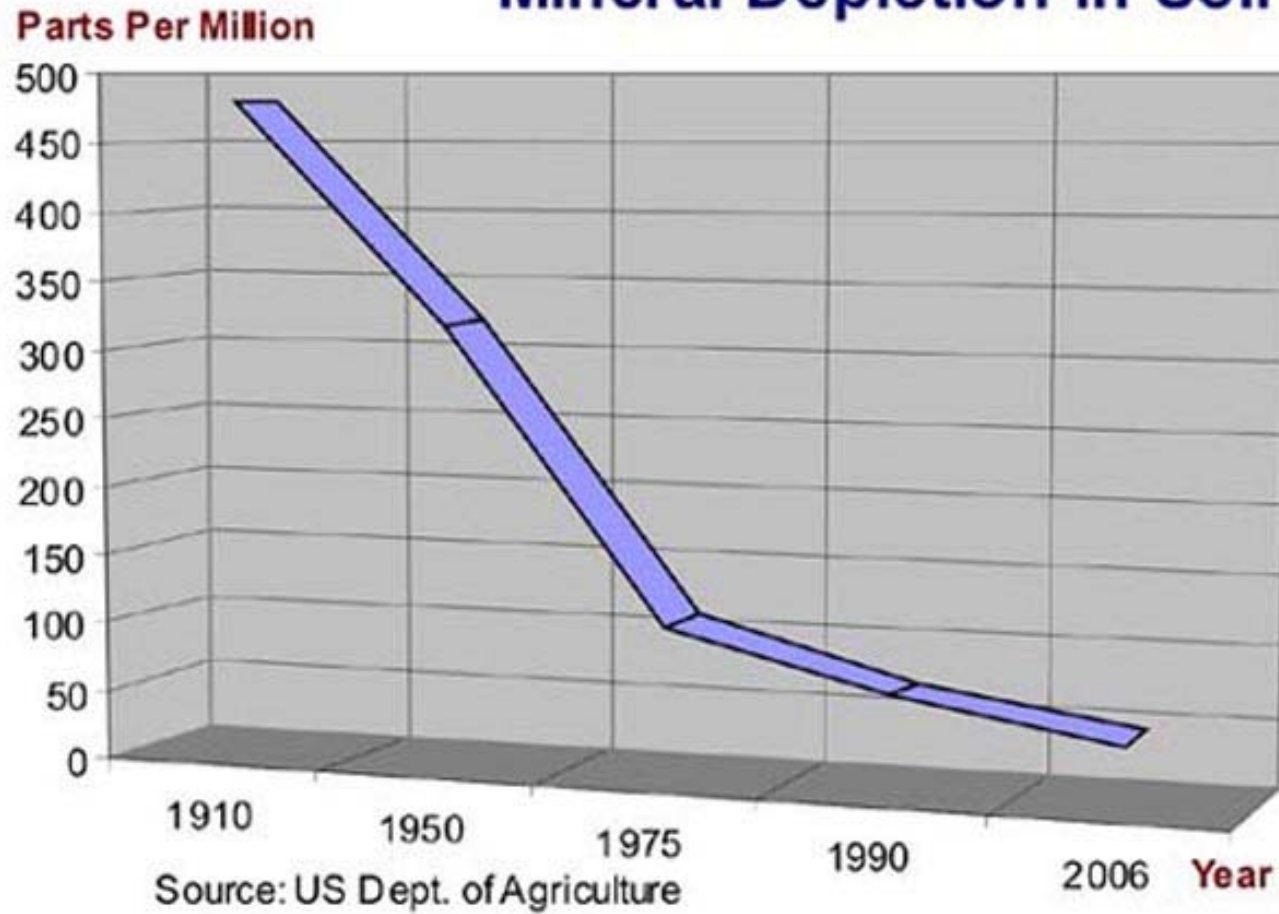
It is probably one of the biggest mistakes in the history of mankind convincing farmers that NPK type fertilizers is the way to go. Justus Von Liebig in 1840 wrote *Organic Chemistry in its Application to Agriculture and Physiology*. Later he repents on his big mistake causing chemical companies to take over and push NPK fertilizers that wind up killing the soil, growing poor quality food and causing a degeneration of health in mass humanity.

### **Von Liebig even said later:**

*"I had sinned against the wisdom of the Creator, and received my righteous punishment. I wished to improve his work, and in my blindness believed that, in the marvelous chain of laws binding life on earth's surface and keeping it always new, a link had been forgotten which I, weak and powerless worm, must supply."*

—Justus von Liebig, late in life  
Quoted from Encyclopedia Britannica, 1899.  
(removed from subsequent editions).

## Mineral Depletion in Soil



**The demineralizing effect on the fertility of the soil beginning 60 years after the introduction of the concept of NPK fertilizer by Justus Von Leibig in 1840**