The unproductive without culture. mind is improved by observation and reading, which makes it familiar with the best models of practice, and enables it to profit by the improvement ef others.

The science teaches the laws and proportions of inorganic matter-as of rocks, earths, manures, &c., &c.; of organic matter, as animals and vegetables; of their structure, food and uses; and the agency of heat, water, air, light and electricity, i., their development and maturity; the employment and adaptation of these matters for the best uses of man. It contradicts the experience of ages and the labours of nations upon these interesting subjects, and makes them subservient to our wants and our com-The science is a collection of facts and leading truths, illustrated in practice and confirmed by experienco.

Land and labor are the legitimate sources of public wealth. The first. to be productive, must be cultivated; and the labor of doing this is abridged by the culture of the mind, which

guides its operations.

Without agriculture there is no wealth Gold and silver are not wealth -they are its convenient representatives. Commerce produces no wealth -it simply exchanges it. Manufactures and the arts re-combine it.-Maoufac-Agriculture is the prolific mother of The rest simply handle it wealth. when produced and delivered into their hands. The carth itself, originally, spontaneously produces wherewith to keep the race of man from starving-only whilst he is making ready to till the soil. Without it be soon degenerates into a wild animal, living h: re and there in small squads, a little superior to the other beasts of The earth breeds savages .prey. Agriculture breeds enlightened nations. It breads houses and ships, temples and seminaries; it breads the manufactory; sculpture, painting and mu-ic are its offspring. It would be folly to speak of the existence, or beauty, or power of any of these things. without agriculture.

The pulp t, the professor's chair the scientific laboratory, the triped, the library, the ship, the trip-hammer, the loom and the anvil -all would go down in one generation. It is by the superabundant produce and stability of agriculture that all things exist. Nor gold, nor silver, nor diamonds could replace it. The state of husbandry, in any country, is the test of its en-lightenment. The thermometer of civilization rises and talls as drives the plow. "You must send the plow," exclaimed a man who had travelled all over Christian missionary ground in heathen lands. A barbarian nation needs but to be plowed up-deep, subsoiled, continued, sowed, planted, and the mevitable harvest will be on enlightened empire. A practical, working agricultural society will dig barbarism and mental and physical and spiritual poverty out of a nation, as effectually as any powerful grubbing machine will "shake out" the stubborn stumps.

A few centuries ago, a learned writer describes the times in these words: "Rude were the manners then; the man and wife ate out of the same trencher; a lew wooden-handled knives, with blades of rugged iron, were a luxury for the great; candles were unknown. One, or almost two, mugs of brown earthenware, formed all the drinking apparatus in a house. Rich gentlemen wore clothes of unlined leather. Ordinary persons scarcely ever touched flesh meat. In nuble mansions, corn a little seemed

wealth '

This is history. Any one of our neighours, if compelled now to live as the highest and wealthtest of mankind lived in those days—such a neighbor would excite our sympathies. We would consider him as good as starying; would carry in gifts to supply his wants, and start a subscription among our friends to feed and clothe

A few hundred years ago, and all