

Early in October 1787, the clover lay was ploughed once, about four inches deep, was sowed with rye, and in that rough state was harrowed. The rye was of a superior quality, and double the quantity on No. 1 and 2, of that on No. 3. After harvest, the rye-stubble was ploughed, and sowed with buck-wheat, when a striking difference was still observable in favour of the Gypsum, and which continues in the present crop of Indian corn.

2. In April, 1787, I sowed three acres of potatoe ground (a light loam) with barley and clover. Just as the barley was above ground, some Gypsum was strewed diagonally across the field, about eight feet wide. Little or no difference could be observed in the barley; but in the month of September following, there was a striking difference in the clover, in favour of the manure, which would have afforded a good crop of hay, whilst the remainder of the field was but indifferent. I have frequently put Gypsum upon grain, without observing any immediate difference in the appearance of the crops.

3. In April, 1786, six acres of poor isinglass soil, situated on German-Town hill, were sowed with oats; the ground not having been manured for twenty years, it produced a crop not paying expenses. In April 1787, one half of the field was covered with Gypsum, six bushels to the acre. The latter end of the same summer, that part, on which the manure had been put, produced good pasture of blue grass and white clover, whilst the remainder afforded little but a few scattered weeds. In October, the field was ploughed once, and sowed with rye; at harvest, the former produced ten bushels to the acre, the latter not above five.

4. A field of fifteen acres, a light loam, was, in April, 1784, sowed with barley and clover, the produce only twenty bushels to the acre, the ground not having been sufficiently manured. In 1785, it produced a good first, and a tolerable second crop of clover. In 1786, the first crop but tolerable; the second very indifferent, and therefore pastured. In the spring 1787, I wished to try if Gypsum would not renew the clover. In the month of April, the whole field was covered with Gypsum, six bushels to the acre, except the width of twenty feet, through the middle of the field. St. John's wort, mullain, and other weeds had taken such possession of the ground, that, although the manure produced a great luxuriance of grass, yet, being full of weeds, it did not answer for hay; and therefore was pastured until October, 1788:

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