

## Experience with the Water Ram.

I have had some experience with a Water Ram, and for the benefit of those who inquire in regard to them, I give it in detail:

**A Water Ram** manufactured by W. J. Douglass, of Middletown, Conn., No. 4. It has been in operation more than eight years, and is one of the greatest labor-saving machines I have on the farm. The pipe line is 12 inch caliber by 30 miles. The height of spring from base is 10-12 feet. The discharge pipe is half an inch caliber and about 12 rods long. Height of water discharged from Ram, 18 feet. The quantity of water discharged is 16 gallons per hour, or 384 gallons per day. I have a branch, so I have it at both house and barn. By it I have watered seventeen cattle and two horses the past winter, and I suppose there is enough runs to water three times the above number.

The Ram cost \$12 eight years since, and the drive pipe cost, I think, about \$4, and the discharge pipe 83 cents per rod. The expense of repairs for the eight years has been \$350, besides putting in new valves to the air chamber two or three times, they being of leather. This does not require great skill or mechanism.

The quantity of water discharged by a Water Ram, is in proportion to the fall of water from spring to Ram, and the height the water is to be raised. Therefore, if my drive pipe had a fall of four feet to Ram, the quantity of water discharged would be much greater. On the other hand, if the height of water to be raised was twenty-seven feet, the quantity of water discharged would be much less. I think the quantity of water discharged by Ram is six or seven times greater than that from small pipe. The piston-rod can be so adjusted that the Ram will take more or less water; therefore it will operate in the dryest seasons.—[JAS. CUTTS, Duxfield, Mass.]

## Object & Effects of Irrigation.

The purpose of irrigation is not only moistening, as many farmers may think, but chiefly maintaining by means of irrigation; damp up a little stream, and make a small ditch along the higher part of a piece of land, so as to cause the water to overflow; in the immediate vicinity of the ditch the grass will grow a great deal longer and faster than in some distance from the ditch, where the moisture has been exhausted by the sun.

Readymade Clothing, for Spring and Summer wear, every open in this place. If you want a well-made Coat, Vest, Trouser, &c., go to the firm of Readymade Clothing, at the corner of the High and Market Streets, and you will find them the best.

At present we have a large stock of Readymade Clothing, for Spring and Summer wear, every open in this place.

WILL promptly attend to all business entrusted to his care.

CHARLES TATE, Ticket Agent, at the Eagle Hotel, in Chambersburg street.

Special attention given to small packages, &c., or other business entrusted to the undersigned.

JOHN D. DIVE, Proprietor, 70 Wall Street, April 27, 1857. I.

**JUST FROM THE CITY.**

MARCUS SAMSON

Has just received at his Readymade Clothing Store, the last assortment of Readymade Clothing, for Spring and Summer wear, every open in this place. If you want a well-made Coat, Vest, Trouser, &c., go to the firm of Readymade Clothing, at the corner of the High and Market Streets, and you will find them the best.

JOHN D. DIVE, Proprietor, 70 Wall Street, April 27, 1857. I.

**Always in Time!**

JACOB MCGRATH

Has just received at his Readymade Clothing Store, the last assortment of Readymade Clothing, for Spring and Summer wear, every open in this place. If you want a well-made Coat, Vest, Trouser, &c., go to the firm of Readymade Clothing, at the corner of the High and Market Streets, and you will find them the best.

JOHN D. DIVE, Proprietor, 70 Wall Street, April 27, 1857. I.

**TWO DAILY LINES**

**TO AND FROM BALTIMORE.**

**EXTRA ACCOMMODATIONS.**—The undersigned returns his thanks to the public for the encouragement before extended to him, and takes pleasure in announcing that he has completed arrangements for which TWO DAILY LINES OF COACHES will run between Gettysburg and Hanover, to conduct with the trains to and from Baltimore, York, Harrisburg, Philadelphia, &c., Persons desiring tickets or information will call on the undersigned, or on CHARLES TATE, Ticket Agent, at the Eagle Hotel, in Chambersburg street.

CHARLES TATE, Ticket Agent, at the Eagle Hotel, in Chambersburg street.

WILL promptly attend to collections and all business entrusted to his care.

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