Fertilizing a Large Farm.

W. J. Fowler writes to an exchange as follows: "That the fertility of good land may be maintained by the use of clover alone, is shown by the experience of hundreds of Western New York farmers. I know pieces of land that have never had manure. Alternate wheat and clover has been the rotation ever since the original timber was cut off. The clover each alternate year has been plowed under, and nothing but gypsum, at the rate of one hundred pounds per year, has ever been applied. This land is still in good condition, not quite equal to the fields near the barnyard, and which have had less clover but more manure, but tolerably sure for twenty to twenty-five bushels of wheat per acre. The lack in such land is more apt to be phosphate of time, and a dressing of superpho phate applied with the wheat at seeding will cheaply and surely remedy this. By combining winter stock feeding with occasional plowing under of green clover for manure, I do not doubt that the fertility of large farms may as surely be kept up as if they were smaller. In any event, where clover is grown there must always be the roots in the soil to decay, and this will prevent very rapid deterioration of fertility. So much always depends on keeping the soil fertile, that commercial manures which on trial prove profitable should always be used.

How Good Cows are Ruined.

Milking is an art, and the farm hand who knows how to milk properly is more valuable to the careful dairyman than any other help. Of course anybody can milk, and some can milk a dozen cows before breakfast. The careful manager, before breakfast. The careful manager, however, is not so auxious for fast help as he is to employ those who are careful. The operation should never be hurried, but the milk should be drawn steadily and, as it flows, naturally. Some cows have very tender teats, and the rapid milkman forgets this fact in his endeavor to make speed. The cow that is naturally impatient and fretful does not like to submit to rough handling, and her to submit to rough handling, and her disposition is soon ruined by such treat ment. With the constant irritation she will fail in quantity, and be less productive, just as any human being would fail to perform faithful service when laboring under mental affliction or trouble. As the udder becomes distended and filled with milk the desire on the part of the cow is to be relieved of its contents, and she willingly submits to it for the relief it occasions. The constant practice of being milked at stated intervals impresses itself strongly upon her, and she will seldom offer resistance without cause. When a cow therefore, that has been a patient deliverer of milk becomes fractious the fault can always be traced to the milkman. The careless dairyman is the one who complains of the failure of his cows to keep up the flow, and bloody milk, garget and other evils are the results of his own bad management. There is another point in the treatment of cows that demands attention, and that is allowing them to stand a long time waiting to be milked. With cows that give large yields it is very painful, and when the udders have been filled to their utmost, and the milkman is not on hand to relieve them, they become exceeding-ly nervous and restless. This will do ore to cause a cow to go dry before her period than anything else, and many a good cow has been sent to the shamble through diminution of quantity simply because nature has revolted at her sufferings and allowed her to dry up because her storehouse was not emptied of its contents at the proper times. She should also be milked to the last drop, if possible, and as the last portion of milk is claimed to be the richest, the udder should be left with nothing in it. With regularity in feeding and milking, and kind treatment at all times, the cew will not only become gentle and remain so, but will milk on several weeks longer than otherwise. An experienced dairy-man needs help that are skilful, and he man needs help that are skilful, and he knows how to judge the milkman's work by the behavior of his cows. When a stable of cows begin to give trouble in milking it is only necessary to observe the manner in which they are milked in order to cure the evil. The udder of a cow is a very delicate structure, and she quickly rebels at rough usage or improper periods of milking.

A writer in the Scientific American, says: "We clean our premises of the detestable vermin, rats, by making whitewash yellow with copperas and covering the stones and rails with it. In every crevice in which a rat may go we put the crystals of the copperas and scatter in the corner of the floor. The result was a perfect stampede of rats and mice. Since that time not a footfall of either rats or mice has been heard around the house. Every spring a coat of yellow wash is given the cellar as a purifier, as as a rat exterminator, and no typhoid. dysentery or fever attacks the family. Many persons deliberately attract all the rats in the neighborhood by leaving the fruits and vegetables uncovered in the cellar, and sometimes even the soap is left open for their regalement. Cover up everything eatable in the cellar and pantry and you will soon starve them out. The precautions, joined to the service of a good cat, will prove as good a rat exterminator as the chemist can pro-We never allow rats to be poisoned in our dwelling. They are so apt to die between the walls and produce much annoyance.

EXECUTOR'S NOTICE.

Letters tostamentary on the estate of Dyer C. Moss, late of Benton township, Columbia county, Padeceased, have been granted by the Register of said county to Miles W. Moss, tambra, Lucerne Co. All persons having claims against the estate of the decedent are requested to present them fir settlement and those indested to the estate to make payment to the undersigned exe unto without delay, mar 24 6.8.

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Private Sale!

The farm owned by the catale of George Tovedeceased, located in Hemlock township, will be sold at private sale. The farm contains One Hundred and Seven Acres,

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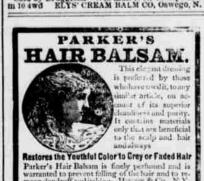
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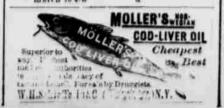
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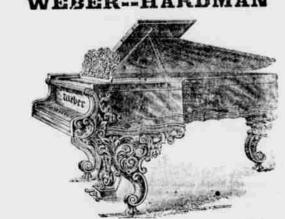
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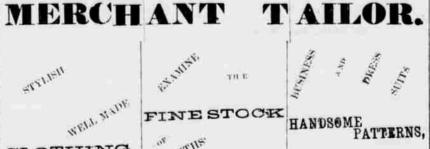
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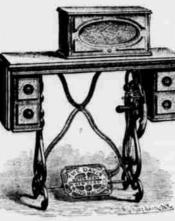
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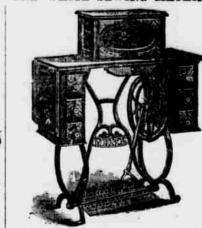
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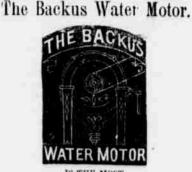


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Harrisburg
Subbury
Williamsport
Lock Haven
Rebovo
Kab
arrive at Erie
Niagara Express leaves Philadelphia
Harrisburg
Sunbury
Williamsport
Lock Haven Past Line leaves Philadelphia
Harrisburg
Sunbury
Williamspore arrive at Lock Haven Lock Haven Express leaves Lock Haven 7 50 a m

"Williamsport 9 05 a m

"Sunbury 10 0 6 a m

10 7 0 a m

Day Express leaves Kane 600 a m
Renovo 10 05 a m
Lock Haven 11 15 a m
Williamsport 12 15 p m
arrive at Harrisburg 2 30 p m
Philadelphia 705 p m
Krie Hall leaves Krie 11 35 a m
Krie Hall leaves Krie 11 35 a m
Kane 4 10 p m
Renovo 9 10 p m
Williamsport 11 30 p m
Williamsport 11 30 p m
Williamsport 11 30 p m
arrives at Harrisburg 3 00 a m
arrives at Harrisburg 3 00 a m
Krie Mall west and Lock Haven Express East make close connections at Northumber land with L. & B. R. trains for Wilkesbarre and Scranton,

Rrie Mall West, Niagara Express West and Fast Line West make close connection at Williamsport with N. C. R. W. trains north.

Niagara Express West and Day Express East make close connection at Lock Haven with B. E. V R. R. trains. Brie Mall East and West connect at Eric with trains on L. S. & M. S. R. R. at Corry with R. P.& W. R. R.; at Emporium with B. N. Y. & P. R. B. and at Driftwood with A. V. R. R. P.E. W. R. R.; as a substant of the control of the

NORTHERN CENTRAL RAILWAY On and after February 19th, 1881, trains will leave sunbury as follows: NORTHWARD. NORTHWARD.

Northern Express 6.30 a. m., arrive Elmira 12.30 p.m.

Arrive at Canandaigua 3.25 p. n.

"Rochester 4.40 "
Niagara 4.45 "
Niagara Express 1.50 p. m. arrive Elmira 6.05 p. m.

arrive Canandaigua 8.33 "

"Rochester 9.45 "
Niagara 12.60 a. m.

Fast line 5.15 p. m. arrive Elmira 10.20 p. m.

"Rochester 9.45 "
Niagara 12.60 a. m.

Fast line 5.15 p. m. arrive Elmira 10.20 p. m.

"Watkins 11.10 p. m. SOUTHWARD. Southern Express 1.32 a. m. arrive Harrisb'g 3,15 a. m.

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ARRANGEMENT OF PASSENGE November 7th, 1881. TRAINS LEAVE RUPERT AS FOLLOWS(SUNDAY EXCEPTAD

For New York, Philadelphia, Reading, Potts Famaqua, &c., 11,45 a. m For Catawissa, 11,45 a. m. 6,45 and 7,20 p. m. For Williamsport, 6,15 s,50 a. m. and 4,06 p. m RAINS FOR RUPERT LEAVE AS FOLLOWS (ILIDAY X-

Leave New York, via. Tamanend 5.45 a. m. and ta. Bound Brook Route 7,45 a. m. Leave Philadelphia, 9,45 a. m. Leave Reading, 11,56 a. m., Pottsville, 12, 0 p. n Leave Catawissa, 6,10 8,40 a. m. and 4,00 p. m.
Leave Catawissa, 6,10 8,40 a. m. and 4,00 p. m.
Leave Williamsport, 9,45 a. m, 2,00 p. m. and 4,3 p. m.
Passengers to and from New York, via. Tama
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