Tuesday, April 7, 1874.

FARM AND HOUSEHOLD ITEMS

We invite communications from all persons who are interested in malters properly belonging to this do

Grafting Fruit Trees-Grafting Wax. An agricultural correspondent says that every farmer should do his own grafting. It is a very easy operation when once understood, and this is readily done by seeing it done. A sharp penknife and a good fine saw are indispensable. Splitting the stalk so that the bark shall not be bruised, and shaping the scion wedge-fashion both ways, preserving also the bark uninjured, and placing the rim of the wood of both stock and scion exactly together so that the sap can intermingle—there is no danger of failure if properly waxed. We make a shoulder to the graft and think it adds to the certainty of success, though probably it weakens it. We prefer also two eyes or buds to a graft, and rather have only one than more than two. One year's wood should always be used when it can be obtained, as it is more certain to take and grow more vigorously, and the graft should be cut from bearing branches.

We wish to remind those preparing grafting-wax, that we have found four parts of rosin, one part of beeswax and one part beef tallow, to be the best proportions. Melt them together in a skillet (which is best) or a tincup, and mix well. It should remain in the vessel and be used as needed. Twenty or thirty scions can be waxed with one heating up. When much grafting is to done, a little fire for heating the wax should be made on the spot, between bricks or stones. Apply with a narrow wood paddle.

We have seen various preparations for making grafting-wax, and we believe we have tried them all, but prefer our own. Applying it warm or hot does no injury to the graft. The object to attain in the proportion is that the wax will not crack in cool, dry weather, or run in warm weather. If, however, upon trial, different proportions be required, the foregoing can be altered, though after using them in several ways we have come back to these.

The Use of Salt for Stock.

While a certain amount of salt is absolutely necessary for the health of stock, it by no means follows that its indiscriminate use is either needful or safe. On the contrary, salt used in excessive quantities is highly dangerous. It then acts upon the stomach and intestines as an irritant poison, and cases of death have occurred through permitting cattle and hogs to consume too much of it. When stock are allowed free access to it they will take a small quantity very often, but if denied a frequent supply they become ravenous for it, and are in danger of eating to excess. The safest way is to use a small quantity regularly in the food; a quarter of an ounce daily being amply sufficient for a cow or horse, and a fourth of that quantity for hog or sheep. If stock are salted once a week no more than one ounce at a time should be given to a cow, and quarter of an ounce to a sheep or hog. It should also be given in such a manner that no one animal should eat more than its share. It may be given scattered thinly in the feeding trough with more safety than in any other way excepting when it is mixed with the feed. Regularity in use is the most conducive to the health of cattle. We find it necessary to give this caution because some of our readers have been led to suppose, very erronsously, that as much salt is a good thingstock can not have too much of it.

This is the way a famous cantelope cultivator gets a fine start with his plants, and has early fruit, as early as any in our markets: "I dig holes twelve inches square, eight or ten inches deep; fill up with well-rotted horse-manure to the surface. On this put two inches of soil. Then take a four-inch flower-pot; set in the centre; draw the remainder of the soil around the pot, until the soil is about four inches deep; then giving the pot a twist round, withdraw it. This leaves a hole four inches deep by four wide. In this I drop tive or six seeds, and cover to the depth of three-quarters of an inch. Over this I place a light of six by eight glass, pressing it lightly to fit close. I then give no more attention till the plants are touching the glass. Then go through, taking a small stone, raise up one end of the glass with it; this admits of a circulation of air over the plants and hardens them. In about three days more remove the glass entirely. By this time they will be in the rough leaf. I thin out to three plants in a hill. I draw a little fine soil around them, up as high as the seed leaf, and the work is done."

Relieving Choked Cattle.

A correspondent says he makes the suffering animal jump over a pair of bars, inft up as high as the snimal can be made to jump when compelled by the use of the whip. He never falls to relieve a case of choking by this means. Occasionally be makes them jump over the bara twice; but once is usually sufficient.

Chartered March 11, 1870.

U. B.

Mutual Aid Society OF PENNSYLVANIA,

HOME OFFICE:

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Lebanon county, Penn'a.

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7 12 10 10 10 13 1.50 Per all classes of \$2,000 benefits the above rates are in it cases double, and for all classes of \$2,000 benefits tripled. Eight classes down no peration. Classes open to intro for \$1,000, \$2,000 and \$3,000. Make and Femile from Fifteen to Sixty-Five years of \$0,00 good moral habits, in good health, inde, and of outding think in the second members. For other information, address the period of the period of the second members.

GEO. A. MARK.
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PERMANENT CURE OF CHILLS AND FE-VER, DUMB AGUE, OR ANY FORM OF INTERMITTENT FEVER!

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THERE are no diseases so debilitating in THERE are no diseases so debilitating in their effects upon the constitution as the above, and noue more difficult to cure by the usual modes of practice. The Fever and Ague Powders will effect a cure in cases of the longest standing, as well as prove a preventive in the forming stages of disease. Being purely Vegetable, they act with certainty on the disease, totally gradicating it from the system, and preventing a return at any future period. Why waste your money and health in trying every medicine you hear of, when Thompson's Fever and Ague Powders have never failed to cure the Chills in any case.

REASONS WHY THEY ONLY SHOULD BE

Their Reputation is Established. — Thousands of testimonials have been received, showing that these Powders have performed miracles in curing cases of long standing, many of them considered hopeless.

There is no Risk in Taking Them. — They contain nothing injurious, and, therefore, cause none of those lingering diseases so often the result of the many nostrums of the day. Physicians recommend them as far superior to Quinine, or any other known remedy, for they leave the system in a healthy state, and the patient beyond the probability of a relapse.

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Sprains, Bruises, &c., &c.

EQUALLY GOOD FOR MAN OR BEAST. EQUALIT GOOD FOR MAN OR BEAST.

This Liniment has carned for itself a reputation unequalled in the history of external applications. Thousands who now suffer from Rheumatism, Neuralgis, &c., would find immediate relief from all their pain by using this certain remedy. It is equally effectual in Cuts, Buros, Scalds, Stiffuess of the Neck, Sore Throat, Swellings, Inflammations, Frost Bites, Pains in the Side and Back, Bites of Spiders or Stings of Insects. One rabbing will in all cases give immediate relief, and a few applications complete a cure. On account of its powtions complete a cure. On account of its pow erful penetrating properties it is beyond doubt, the SUREST REMEDY for the most trouble the SUREST REMEDY for the most troublesome diseases to which horses and cattle are
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directions accompany each bottle. Prepared

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Soldiers who receive invald pensions can now have their pensions increased to any sum or rate between \$8. and \$15; per month.

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Fathers and mothers are as a soldiers and one of the control of

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