

Farmer's Department.

[From the Geneva Farmer.]
Cultivation of Buckwheat.

It has been said that buckwheat occupies the same position among grains as the donkey does among animals—useful but not popular. It will grow on the poorest of sandy soils; can be sown later than any other grain; and is one of the best crops for cleaning the land and for killing wireworms and other injurious grubs. It has been extensively used for plowing in as a manure. But though it has proved beneficial for this purpose, it is not as good as many other crops that might be used—such as white lupin, spurry, red clover, &c.

In clearing off poor and hilly land, buckwheat is admirable for the first crop. We have seen excellent crops on such land in New England, where apparently no other crop would thrive. On such land, however, it is exceedingly grateful for manure. On the farm of Mr. Henry Saxon, of Lee, Mass., we saw a crop of buckwheat on a rough hill-side, where half the field had been top-dressed with 100 lbs. of Peruvian guano per acre; and on this half the crop was at least double what it was on the other half, where no guano was used. An experienced farmer says, "barn-yard manure, whether green or rotted, ash, lime, and plaster, all seem to produce a wonderful effect when applied to this crop."

Buckwheat is often sown too early. When to early, the hot sun is apt to blast the flowers. The middle of June, in this section, is considered the best time to sow; though, in New England, good crops are often obtained when sown as late as 4th of July. In sections where there is danger of frosty nights early in the fall, it must be sown early, as a slight frost often destroys the crop. We must endeavor to enter between the two dangers—blasting of the flowers in the summer, when sown early; and the destruction of the crop by frost in the fall, when sown late. It succeeds well sown on clover or grass sod. Formerly, it was considered best to break up the land in the spring and cultivate and harrow it a few times before sowing; but lately the practice is to pasture the land, and break up immediately before sowing. From three pecks to a bushel is the usual quantity of seed.

Of the uses of buckwheat, we need not speak. Everybody likes buckwheat cakes on a cold winter's morning. It is good food for poultry. Hogs thrive upon it and are fond of it. When crushed, it is good feed for horses—more nutritious, it is said, than oats. It is good for milch cows, increasing the quantity and richness of the milk. Bees will travel considerable distance to find a field of buckwheat in flower, though it is said the honey is not as good as from clover, &c.

Stop the Sucker.—Good cows, many times, are in the habit of sucking themselves, and many ways are tried in vain to prevent the mischief; and young calves are always in the habit of sucking each other's ears. This may be prevented by a composition of spirits of turpentine, musk, and asafetida. Heat them all well together, and when cool, give the cow a large spoonful on the roots of the tongue; then rub a little on the cow's bag, about the roots of the teats. If the cow still continues in the habit, cut off the fingers of an old glove slip these over the teats, and saturate them well. They may be taken off when you want to milk. Always give your patient a good taste of the medicine before you rub it on. Calves may be treated in the same manner. If musk is not convenient, the composition may be made of spirits of turpentine and asafetida.

Planting Potatoes with Corn.—Last year I told you of my planting potatoes among corn and with what success, that being the second year. I am now to relate my third year's trial, this being with the Mercer, which have always been with me, more subject to the rot than any other kind I have raised. I digging them last fall, I found enough to prove that they were not wholly exempt from the disease, still there were far less than among those planted alone. The yield was not as good as by themselves, while I believe the corn was full as good in both quantity and quality, as if there had not been potatoes there. My method is to fit the ground for corn, mark for rows one way, and plant across the marks. This gives rows both ways. I then plant a hill of potatoes in every space between each two hills of corn. This leaves the crop so as to be cultivated only one way, which may be repeated as may be required.

Test Seed Corn before Planting.—Of repeated suggestions for saving and keeping seed corn have been given in this journal. But whether these have been followed or not, it is well to make a preliminary test of corn, and of all other seeds which sometimes fail to regenerate. This is easily done. Select from the mass enough to be a fair sample, and plant in a warm situation, or in a box of earth, kept suitable warm and moist. An examination of the specimens, even before coming up, will show whether they are in a sprouting condition. Better far to do this, than to make similar experiment on a five or ten acre field, and only learn of a bad result when too late to be remedied.

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Mulching is one of the best means of preventing the soil from becoming too dry, and it is the mildest of all the means of checking the growth of the plant. It is then called mulch.

Dr. Porter's Drug Store is Full.

DR. PORTER'S APOTHECARY STORE IS FULL!

DR. PORTER'S OFFICE IS FULL!

OF ALL KINDS OF EVERYTHING!

OF EVERYTHING OF ALL KINDS!

OF EVERYTHING FOR EVERYBODY!

OF EVERYBODY—FOR ALL THINGS!

CHOICE PERFUMERY AND FANCY GOODS!

CHOICE GOODS AND FANCY PERFUMERY!

CHOICE TOILET ARTICLES & FRAGRANT WATERS!

ROSE, VERBENA, COLOGNE, BAY & LAVENDER!

TWINE FOR BROOM MAKERS!

TWINE FOR MAKING BROOMS!

TWINE FOR TYING BROOMS!

GLASS, LEAD, ZINC, OIL AND PUTTY!

VARNISH, BRONZE, GOLD AND SILVER LEAF!

VERMILION, OCHRE, UMBER, GREENS & BLACKS!

GOOD BURNING FLUID AND CAMPFIRE!

GOOD FLUID AND CAMPFIRE FOR BURNING!

GOOD FOR BURNING—CAMPFIRE AND FLUID!

IMPROVED—NON-EXPLOSIVE—FOR GAS!

FLOWER, FIELD AND GARDEN SEEDS!

FRESH TEA, OLD COFFEE AND PURE SPICES!

GUN DROPS, LIQUORICE AND REFINED CANDY!

ALL THE COLORS IN TUBE PAINTS!

ALL THE COLORS IN TUBE PAINTS!

ALL THE COLORS IN TUBE PAINTS!

FISH HOOKS, SNELLS, FLIES AND LINES!

COSMETICS, TEETH AND HAIR PREPARATIONS!

AMERICAN, ENGLISH AND CHINESE RAZORS!

ALL THE PATENT POPULAR MEDICINES!

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ALL MEDICINES POPULAR AND PATENT!

GUN CAPS, POCKET KNIVES AND SNUFF!

HAVANA, YARA AND PRINCE CIGARS!

TRUSSES, INSTRUMENTS AND SUPPORTERS!

COAL OIL, SPERM OIL AND OIL FOR MACHINES!

PURE WINES AND LIQUORS, FOR MEDICINE!

BEAUTIFUL LAMPS FOR FLUID OR KEROSENE!

DYE WOODS, DYE STUFFS & FLAVORING EXTS!

TINCTURES, SYRUPS, SPIRITS, & DECOCTIONS!

LIQUORS, GARGLES, LINIMENTS AND LOTIONS!

MIXTURES, POWDERS, INFUSIONS & SOLUTIONS!

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SEEDS, LEAVES, GUMS, EXTRACTS & ESSENCES!

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IN THE SOUTH STORE OF THE WARD HOUSE.

MEDICAL ADVICE GIVEN GRATUITOUSLY,

AT THE OFFICE IN THE DRUG STORE, BY

DR. PORTER!

THIS IS THE ESTABLISHMENT

where you can find a very fine assortment of

WATCHES AND JEWELRY of all descriptions, also

a good stock of CLOCKS, prices ranging from 10 shillings

up, and warranted to give good satisfaction or no sale.

I am also agent for the sale of D. E. LENT'S celebrated

Barometer, which every farmer should always have. Prices

run from \$8 to \$20, according to finish. BEARING in

case as usual in a neat and workmanlike manner and war-

anted.

N. B. The person that took a Great Pin from my shop,

PATTON & PAYNE,

DRUGS & MEDICINES,

CHEMICALS,

FAMILY GROCERIES.

They also have constantly on hand

PURE WINES AND LIQUORS,

FOR MEDICINAL PURPOSES.

FRESH CAMPFIRE,

At the lowest price, and BURNING FLUID, of superior

quality, manufactured expressly for the gas-jet fluid

Lamps. They also keep all the Popular

PATENT MEDICINES,

of the day. Every article going from this store is war-

anted as represented, and if any prove different, they

will be cheerfully taken back, and the money refunded.

J. O. PATTON,

Towanda, Feb. 1, 1888.

Business Cards.

DR. CHAS. M. TURNER, PHYSICIAN

& SURGEON, offers his professional services to the

inhabitants of Towanda and vicinity. Office and resi-

dence in the dwelling recently occupied by Henry

Seig, one door north of the Episcopal Church, on Main

Street.

OVERTON & MONTAGNE, ATTOR-

N. B. J. MADILL, P. D. MORROW,

MADILL & MORROW, ATTORNEYS

AND COUNSELLORS AT LAW, Office

over Mercer's Store, Towanda, Pa.

DR. E. H. MASON, PHYSICIAN AND

SURGEON, offers his professional services to the

people of Towanda and vicinity. Office at his residence

on Pine street, where he can always be found when not

professionally engaged.

E. B. PARSONS, ATTORNEY AT

LAW, TROY, Bradford Co., Pa. Office over V.

M. & H. F. Long's store, Aug. 7, 1887.

HENRY B. MCKEAN, ATTORNEY

AT LAW, TOWANDA, PA.; will pay prompt

attention to business entrusted to him, and will

on reasonable terms, with prompt remittances.

ELHANAN SMITH, having returned to

Towanda, has opened a Law Office over Mercer's

Store. Dec. 1, 1887.

DR. H. WESTON, DEN-

TIST, permanently located in Towanda.

OFFICE one door south of Bailey's News.

Towanda, Feb. 13, 1888.

TOWANDA FOUNDRY.

THE subscriber continues to carry on the

Foundry business in Towanda, and is prepared to do

all kinds of work in his line on short notice and in a

workmanlike manner. He will keep on hand or make to

order, Brass, Iron, and Steel castings, of all kinds, in

boxes, and any article of cast iron that may be required.

Turning and fitting work will be done on short notice

and on reasonable terms. He is also prepared to purchase

stores of any kind and find it much to his advantage to

buy at the Foundry, as they can be repaired much

cheaper. Please call and examine before purchasing else-

where. Don't mistake the place—one door east of Mercer's

Store. I would also say to those having accounts stand-

Great Western Insurance Co. and THE Farmers Union Insurance Company, of IOWA.

HAVING CONSOLIDATED THEIR BUSINESS, the same will hereafter be conducted by the

UNITED COMPANIES, in the name of the GREAT WESTERN INSURANCE AND TRUST COMPANY, as

offices in the Company's Building, 408 Walnut St., Philadelphia. By this arrangement the income of the

Great Western Insurance & Trust Company will be largely

augmented, and over \$100,000 added to the assets, of

which \$100,000 is in First Mortgages, with bonds, bear-

ing 4 per cent. interest on improved property, worth dou-

ble the amount; which gives the Company over \$300,000

of available means to meet any liabilities.

All running risks of either Company are assumed, and

any losses that may occur will be promptly adjusted and

paid.

A continuance of public patronage is respectfully

solicited.

CHAS. C. LATHROP, President.

W. M. DARLING, Vice-President.

C. N. SHIPMAN, 3d Vice-President.

JAMES WRIGHT, Sec. and Treas.

Q. S. RUSSELL, Asst. Secretary.

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CHAS. HANLAN, C. N. SHIPMAN,

S. B. WILCOX, DINGMAN AND BEAVER, Table,

Mahogany, Walnut, Maple and

Cherry Bureaus, Stands of various

kinds, Chairs and Bedsteads of every

description, which are, and will be made of the best ma-

terial and workmanlike manner, and which they will sell

for cash cheaper than can be bought in any other Ware-

house in the city.

READY-MADE COFFINS, on hand on the most reason-

able terms. A good HEARSE will be furnished on

short notice.

JAMES MACKINSON.

Towanda, January 1, 1887.

SUSQUEHANNA COLLEGIATE IN-

STITUTE.—The fifteenth term of the above school

commenced TUESDAY, March 13.

Tuition, fuel and light, and board in the Institute, from

the 1st of September to the 1st of June, \$100.00.

No scholar taken on account of poverty.

Board and contingent expenses payable in advance.

Washing 35 cents per dozen.

No scholar taken for less than half a term.

April 6, 1888.

TOWANDA HARDWARE, CUTLERY

IRON AND STOVE STORE.

D. C. HALL

Wholesale and Retail Dealer

in all kinds of Hardware, Cutlery, and

Stoves, and all the necessary tools, and

all the necessary tools, and all the necessary

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necessary tools, and all the necessary tools,

Spring Machines.

GROVER & BAKER'S

Family Sewing Machines.

NEW STYLES—PRICES \$50 TO \$125.

EXTRA CHARGE OF \$5 FOR HEMMERS.

F. B. CHANDLER, Agent, MONTICELLO,

J. M. ROBINSON, LAKESIDE, MINN.

THESE MACHINES are from two pools,

as purchased from the store, requiring no re-wind-

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