## THE COLUMBIAN AND DEMOCRAT, BLOOMSBURG, COLUMBIA COUNTY, PA.

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BLOOMSBURG STATE

Mar .

## Suggestions to Farmers.

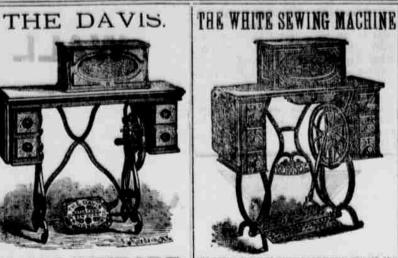
same time

(Tubune & Parmer.) GOOD DRAINAGE.—There is hardly any plant that likes stagnant water. Some things, like the cranberry for instance, like water, but it must not be stagnant, there must be a fall to allow for drainage. For field crop, fruit trees, and such things, there must be drainage. How quickly a grain field tells the tale of good or poor drainage. The yellow patches tell where the water lies longer than it where the water lies longer than it should. It pays always to provide proper outlets of water. Potatoes will thrive in a moist season, but the water must drain off quickly. A heavy rain will do little damage to a wheat field if provision is made for the prompt re-moval of the surplus water, while a moderate rainfall upon undrained land, which is already too wet will cause the destruction of many of the plants, and largely reduce the possible plants, and largely reduce the possible yield of the crop. While thorough drainage is much better than any makeshift which can be invented, it is much better to adopt the very imperfect plan recommended above than it is to make no provision for the protection of the erop from injury by an excess of mois-ture in the soil. It is better to set fruit trees on mounds, where the ground is low, rather than run the risk of underdraining.

VALUE OF ROOT CHOPS .- We think the time is coming when farmers will be surprised that they have so long overlooked the great value of root crops for winter feeding on cattle. There are hundreds of farmers within a day's journey of any one who never grow any root crop but turnip. Probably the most easily raised, most productive and most profitable root crop for us to raise, is some of the varities of beet, some of which grow very large, and yield 800 to 1.000 bushels to the acre, if the land is well manured and thoroughly tilled. The best way to grow them is to let them follow some deeply worked, highly manured crop, and on thoroughly good land, putting on no manure the year the beets are grown. There will then be few weeds to trouble, which are often the plague of root calture. The carrot is also easily raised. There is nothing but the cuitivation a corn crop would require needed, and in deep ground the yield of this root is very heavy. The feeding of roots with dry feed in winter is highly beneficial to cattle.

FATTENING HOGS .- The following experiment in fattening hogs is related

in an Iowa paper: "An Iowa farmer put up twenty-"An lowa farmer put up twenty-year-old logs for fattening, and for the first twenty days fed them on shelled corn, of which they ate eighty-three bushels. During this period they gained 837 pounds, or upwards of ten pounds to the bushel of corn. He then fed the same hogs for fourteen days on dry corn meal; during which time they consumed forty-seven bushels and cained fa55 monds, or 114 mounds to consumed forty-seven bushels and gained 535 pounds, or 11<sup>4</sup> pounds to the bushel. The same hoge next fed fourteen days on corn meal and water mixed, consumed 55<sup>1</sup>/<sub>2</sub> bushels of corn and gained 781 pounds, or 18<sup>1</sup>/<sub>2</sub> pounds of pork to the bushel. He then fed them fourteen days on corn meal cook ed, and after consuming forty five bush-



the world renowned reputation of th \$1,000 REWARD

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Farmers will soon be in the midst of

portunity to examine the lasting effect

A good Phosphate will not lose its

ONE THOUSAND (1,000) DOLLARS PREMIUM offered to ANY PERSON that will do as GREAT A RANGE OF WORK on ANY OTHER MACHINE. THATTHE White Sewing Machine induces many unscrupulous competitors to reso to all kinds of mean tricks to injure its reputatio we beg to caution all intending purchasers not buy a

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White Shuttle Sewing Machine, It will make wide hem on sheets, &c., hem all manner of blas woolen goods, as soft merino, crape, or goods difficult to hem on other machines. It makes a more classic stitch than any other ma-chine. It will turn a hem and put in piping at PLATE NUMBER 103339 FOR FAMILY PURPO SES, AND HERENY AGREE TO KEEP THE SAME IN REFAIR FOR THE TERM OF FIVE VRAME FROM THIS DATE, FREE OF CHARGE.

It will turn a hom, sew braid on the right side and stitch on trimming at one operation It will do felling bias or straight, either on cot-ton or woolen goods. This warranty excepts the breakage of needles bobbins and shuttles. This warranty will not be sustained unless the plate or number above riven corresponds with the number on the shuttle face slide. Beware of de-taged or altered numbers ton or wooten goods. It will fell across seams on any goods. I will bind a Dross or Skirt and sew on facing, elidae with fine same material, either scalings, point, segurares or straight. The only machine that will bind flats, Cloaks, or other articles with Diss, satin or sills, from & to 2 faches in width, without basing.

WHITE SEWING MACHINE CO. The "WHITE" Shuttle Sewing Machine

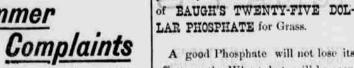
Has GREATES CAPACITY than any other family Sew ing Machine for doing every variety of wors. It will gather with or without sewing on. It will gather between two pieces and sew on at the same time. J. SALTINR, General Agent. B.o unsburg, Pa.

It will make a ruffle and stitch a pillow slip on to the facing at the same time. Oct. 1, '80-tf. It will shirr any kind of goods. It will make platted trimming either with or without sewing it on. What a first class article

It will make plaited trimming either scallaper or straight and sew a piping on at the same time will do when sold at the low-It will make knife plaiting. est possible price.

J. SALTZER, Gen'l Agent, Bloomsburg, Pa. oct. 1, '80-tf. the Hay Harvest and will have an op

Summer



effect on the Wheat, but will be seen At this season, various diseases of the bowels are prevalent, and many lives are lost through lack of knowledge of a safe in the crops which follow it. and sure remedy. PERRY DAVIS' PAIN KHLER is a sure cure for Diarrhora, Dys-entery, Cholera, Cholera Morbus, Summer Complaint, etc., and is *perfectly sufe*. You will do well to engage of the dealer a supply for fall seeding-this

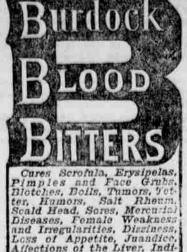
enables him to send in his order carly Read the following: which is a great advantage in manu-

Rend the following: Dawnmenors, N. Y., March 22, 189, Dawnmenors, N. Y., March 22, 189, Dawn Payle Kult & Killan and Common Dawn Payle Killan and Common Memory and Common Andrew State Memory Andrew State Memory Andrew State Memory State facturing. There are several thousand tons already booked for fall delivery.

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June

June 9-1m-



Loss of Appetite, Juandice, Affections of the Liver, Indi-gestion, Biliousness, Dyspep-sia and General Debility. A course of flurilock Blood Bitters will satisfy at skeppical that it is the treatest Blood Pumier FOSTER, MILBURN & CO., Prop's, Buffa'o, N.Y.

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**\$30** Per week can be made in any locality something entirely new for agenta. 5 offit free. G. W. INGRAHAM & CO., Boston June 9 - 4w

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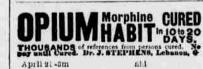
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of any kind, a short cours and pro-restore the lost functions and pro-and happinesswhere before was de a groom. The Specific Medicine is b J. H. Johnston, Pittsburgh, Pa Pamphilets sent free to all. Write for them an WSICAL INSTRUMENTS of all kinds for sale very cheap. Catalogues free. Address, RICHARD HULL & CO., Box 868, Pittsburgh, Pa

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els of the cooked meal the hogs gained 799 pounds, or very nearly fifteen pounds of pork to the bushel of meal.

THE PROFITABLE PIG.—Among the many kinds of pigs recommended, we do not often find the name of one of the best, which is the *contented* pig. There is no breed like it, and if we want a pig that will pay to keep we must get that kind. The quiet pig is always a fat pig, and however healthy the pig, and however good its appetite, if it is restless and uneasy, it will always be a hard keeper. Look in any pen of fattening pigs and you will always find one restless and squealing pig the poorest of the lot. The rest-less pig is also a great rooter, and as most farmers are fruit growers as well, they do not want their orchards torn up and the roots broken and destroyed The fruit grower has two objects in view in keeping pigs; of these the most important is the eating of all wormy and prematurely fallen fruit, and the destruction of all insects contained in them ; the other is the making of a reasonable profit on the growing and fattening of the pig for market and to him the quiet, peeceable, non rooting pig is indispensible.

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Kill the Potato Bugs. It is important to destroy the first brood of potato beetles. The brood comes from the ground in early spring, and the beetles soon lay their orange colored eggs in clusters on the under aide of potato leaves. These eggs are readily found by turning up the foli-age with a hoe handle, and picked off and destroyed. If this is omitted, the larvæ, or "grubs" soon hatch out, and begin their rapid destruction. Poison in some form must now be used. The two leading insecticides, are Paris green and London purple. Both are arsenic compounds. The "green" is a manufactured article while the "purple is a by-product or refuse-compound from the die factories and therefore cheaper. These substances are used in either dry or wet. In the former they are mixed with 20 or 50 times their bulk of flour or plaster, and dusted or sifted on-best while the dew is on, or soon after a rain, that the wet foliage may retain the substance. In the wet method, which is now generally preferred, the poison is stirred in watera large tablespoonful or so to the pail-ful—and applied through a sprinkler, stirring in very frequently as it does not dissolve. The bugs have been in most potato growing regions so long that a full discussion of the subject is unneccessary. It is important to re-member that these arsenic compounds are deadly poisons, and to be used with great caution. Any "green" or "pur ple"-it is fortunate that they have marked colors-in the house, should b put where no one can use them by mistake, and out of reach of children. —American Apriculturist

## A Remedy for Potato Bugs.

The Troy Press tells of a farmer who has tried a remedy for potato bugs with success: "He produced a num-ber of boards and placed here and there among his potatoes, and on these boards were placed a few raw potatoes sliced. At noon the first day of the experiment he and his hired man found over where of boards covered with every piece of potato covered with bugs. The men killed this crop and at bugs. night another crop was killed, though not so large, and in a week's time not a bug was to be seen, and his trouble with bugs after that was comparatively with bugs after that was comparatively small. In the Spring he sayes is the best time to attend to the bugs, as a Spring bug breeds from 300 to 500 during the season. He thinks it would be a good plan to dip the pieces of po-tatoes in Paris green, as it would save the work of killing them."

W. O. SPERAR. CONWATBORD, S. C. J. Fch. 23, 1981. Mearly every family in this socilor keys a both the house U. S. CONSULATS. CREPTLD: RUESSIE TALESIA FYD. 5, 1881. Thave know APRIMY DAYLO FAIS KILLSKIMMOOD From the day if was introduced, and all to y serve of Observation and use I repress the presence in my lousehold as all social to be the server of the server. household as an entry should necessing. I S. POTTER, U.S. Consul, BURTERS STORY, ESG. I had been several days sumering reversly from disrinos, second and should be the second story from trid your Pary Rithman and town had not been to relief. relief. II. J. NOON-BUT STATUS F. LONDOR, FSG. During a residence of twenty duren years in India, I have given it in many enses of during a during a during tery, and cholera, and never knew it to fall to give relief. II. CLARIDOR No family can safely be without this invaluable remody. Its price brings it within the reach of all. For sale by all druggists at 25c., 50c. and \$1.00 per bottle. PERRY DAVIS & SON, Proprietors, Providence, B. I.

> PLAIN TRUTHS

The blood is the foundation of life, it circulates through every part of the body, and unless it is pure and rich, good health is impossible. If disease has entered the system the only sure and quick way to drive it out is to purify and enrich the blood. These simple facts are well known, and the bighest medical

known, and the highest medical authorities agree that *nothing* but iron will restore the blood to its natural condition; and also that all the iron preparations hitherto made blacken the teeth, cause headache, and are otherwise injurious. BROWN'S IRON BITTERS will thor-ughly and quickly assimilate with the blood, purifying and strengthen ing it, and thus drive disease from any part of the system, and it will not blacken the teeth, cause head-ache or constipation, and is posi-

Saved his Child.

tively not injurious.

co his offitd, iz N. Entaw St., Baltimore, Md, Feb. 19, 1380, Gents:--Upon the recommenda-tion of a friend 1 tried Buows's hors Dirrens as a tonic and re-triative for my daughter, whole I was thoroughly convinced was wasting away with Consumption. Having Lot three daughters by the terrible disease, under the care of eminers physicians, I was leth to believe that anything could arrest the progress of the disease, but, to my great surprise, before my daugh-ter had taken enclotter of Buows's lines Dirrens, the began to mend and new is quite restored to former insult. A shift doublet began to Back Intro Birrens, she began to mend and near is quite restored to former instit. A fifth daughter began to show signs of Consumption, and when the physician was consulted be quickly said." Tracics were re-quired." and when followed that the effect of the state a good tonic take R." ADORAM PHELPS.

EROWN'S IRON BITTERS effectually cures Dyspepsia, Indigestion and Weakness, and renders the greatest relief and benefit to persons suffering from such wasting diseases as Con-sumption, Kidney Complaints, etc.

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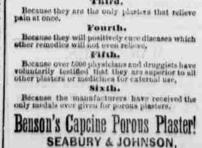
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