

Franklin Repository

AGRICULTURAL

DANGEROUS WEEDS.

One of the greatest cares of the farmer now is to keep his land clear of dangerous weeds, which pollute his soil, exhaust its strength, and sometimes almost if not entirely destroy his crops.

In order that our farmers may know this pestiferous foe, we have procured an accurate engraving (fig. 1) of it when in bloom; and by observing the peculiar formation of the leaves, it can be readily distinguished from the common thistle.



FIG. 1.—CANADA THISTLE.

The season of the year is at hand when the Canada Thistle must be attended to at once. It is now about to bloom, and unless war is made upon it without delay with mattock and salt, its seeds will soon ripen, and they will be spreading all over the country in their downy bed.

In most of the States the destruction of the Canada Thistle is made obligatory. In Pennsylvania we have a statute on the subject, passed March 22d, 1862, which imposes severe penalties for permitting the Thistle to go to seed.

SECTION 1. Be it enacted, &c., That from and after the passage of this act, it shall be the duty of every person or persons, and of every corporation holding lands in this Commonwealth, either by lease or otherwise, on which any Canada Thistles, or weeds commonly known as Canada Thistles, may be growing to cut the same, so as to prevent such weeds or thistles from going to seed, and the seed of the same from ripening; and any person or persons, or corporation as aforesaid, who shall or may have land as aforesaid, in the said counties, and who shall neglect or refuse to comply with the provisions of this act, shall forfeit and pay a fine of fifteen dollars, one-half to the county treasurer, and the other half to the use of the person suing for the same, who shall be a competent witness to prove the facts, to be recovered as other debts of the like amount before any justice of the peace, or in any court of record in said county.

SECTION 2. That if any person or persons, or corporation, so holding land as aforesaid, on which Canada Thistles, or the weeds commonly known as such, shall be growing and likely to ripen seed thereon, shall neglect or refuse to cut and destroy the same, so as to prevent the seed thereof from ripening, it shall and may be lawful for any person or persons, who may consider themselves aggrieved, or about to be injured by such neglect or refusal, to give five days' notice in writing to such person or persons, or corporation, to cut and destroy such weeds or thistles; and on their neglect or refusal to cut and destroy the same at the end of five days, it shall and may be lawful for any person or persons so aggrieved, or believing themselves about to be injured thereby, to enter upon, or hire other persons to enter upon such premises, and cut down and destroy such Canada Thistles; and the person or persons so employed, shall be entitled to recover from such person or persons, or corporation, owning or holding such land, compensation at the rate of two dollars per day, to be sued for and recovered as debts of like amount, before any justice or court in said counties.

The American Agriculturist for August has an intelligent article on the subject of the Canada Thistle. It says that though we have some ten native and introduced species of thistle, there are only two which are very troublesome to the farmer, and these are foreigners. The common "Bull thistle," or "Michigan thistle," (*Cirsium lanceolatum*) as it is sometimes called, is the commonest of our thistles. It is readily known by its broad luxuriant foliage and its large heads, which are an inch or more in diameter. Though exceedingly troublesome, especially in grain fields, where its prickly leaves are a great annoyance to the binder, it is not difficult to exterminate. Being a biennial the root is readily pulled. During the first year the plant forms a broad turf of leaves which lie close to the ground and it does not attract much notice; the second year it throws up a large flowering stem from 2 to 3 feet high and then becomes, from its very prickly leaves, a formidable customer.

During the first year of its growth a cut with the hoe, or a tablespoonful of salt applied to the crown of the plant, will destroy it. When it is allowed to run up to flower it should be pulled or cut as early as possible. The fruit, or seed as it is called, is provided with a copious down, and thousands of these little balloons with a seed attached may be seen floating upon the breeze from the field of some careless farmer to annoy his more thrifty neighbor. If a whole neighborhood can be aroused to exterminate this thistle, not only from the field but from the road sides, they would soon be rid of the pest. This thistle is an exotic, but it seems to make itself perfectly at home in our cultivated fields, especially affecting the richest ground. A far more troublesome plant is the Canada Thistle (*Cirsium arvense*) which is perhaps the worst weed with which the farmer has to contend. As other, comparatively harmless plants have been taken for this, we give a very good engraving of the upper part of a flowering plant. This differs from the common thistle in being a perennial; besides its strong roots, it throws out into the soil numerous strong root-stocks, or underground branches, and multiplies very much in the way described for the couch-grass in the last number. Running a plough or cultivator through a patch of it, instead of destroying it, only breaks up those root-stocks and they become many separate plants. This plant has two separate modes of propagation. The one is by its seeds, which are readily borne by the wind from place to place, and the other is by its underground stems, which from a partial warfare against them only flourish and multiply. When one Canada Thistle appears upon the farm the war must begin. It is modest in its first appearance, presenting but a small tuft of prickly leaves, often hidden by the grass, but it must be exterminated at once. If let alone, the root-stock extends itself for a long distance in all directions, and branches are thrown up to the surface. These are apparently winter-killed, but the returning summer shows that this is not the case, they are only killed down to the ground, and as soon as favorable weather comes their prickly stems arise from the subterranean buds and stand up in bristly defiance to the cultivator. Wherever a Canada Thistle appears, cut it down. We have but little belief in specific applications to weeds, but we have known these and other thistles to be destroyed by cut-

ting as soon as they appeared and applying salt to the portion remaining in the ground. Whether the first year's attempt at exterminating this pest is successful or not, it is a duty that each farmer owes; not only to himself but to his neighbors, to prevent dissemination; let no plant upon the premises flower, much less perfect its seeds. Patience and frequent cutting as fast as it appears above the surface, will in time destroy it. The Red-root or Pig-weed has also become one of the pests of the farmer. We present also an engraving of it (fig. 2) when seeding, and it will be readily recognized by farmers.

FIG. 2.—RED-ROOT OR PIG-WEED. Its botanical name is *Amarantus retroflexus*; it belongs to the Amaranth or true Pig-weed family, which produces several troublesome weeds, but none so generally known as the one under consideration. (The plant most commonly called pig-weed is *Chenopodium album*.) Figure 2 will give a good idea of the full grown plant. It is sometimes called "Pig-weed," but the most common name is Red-root, given on account of the red color of the root. The plant is distinguished by great vigor and rapidity of growth, and if neglected for a short time, becomes so large as to resist the hoe and must be pulled up by hand. Being an annual, a cut with the hoe destroys the plant, but the stock of seeds in the soil seems to be inexhaustible, and crop after crop will spring up through the season. The flower clusters are crowded with minute green flowers, each one of which produces a seed. From the prolific character of the plant it will be seen that a single one, if allowed to arrive at maturity, will furnish hundreds if not thousands of seeds. If the plant has flowered, it should not go into the compost heap, as, in common with other plants, the stalk contains nutriment enough to perfect the seeds after it is cut off or pulled out of the ground. The plants, if they have flowered, should be dried and burned. Like all annual weeds this soon succumbs under careful cultivation. Let our farmers bear in mind the homely but excellent motto that "an ounce of prevention is better than a pound of cure." A little care and timely effort, and these relentless foes of good husbandry can be completely destroyed.

Drugs, Medicines, &c. THE OLDEST HOUSE IN TOWN, AS A HOUSE OR DRUG STORE, IS MILLER & HENSHEY'S, On the Northwest Corner of the Diamond WHERE CAN BE HAD, CHEAP FOR CASH, Everything, and more than is usually kept in Drug Stores.

FOR INSTANCE, All Regular Drugs, Cough Syrups, Murray's Camphorated Cordial, t will cure Diarrhea, Cordials, Certain Remedies, Rheumatic Liniments, Anodyne Cordial, The Infant's Protector And Mother's Friend, Worm Syrups, Aid Lozenges, Cod Liver Oil, Fluid Extract Buchu, Lindsay's Blood Searcher, Sarsaparilla Syrup.

And all other Standard Preparations of the Day. None Others Kept at this House. Soars, about forty kinds; PERFUMERY, the best of all kinds; HORSE AND CATTLE POWDERS, that can be rolled on; KEROSENE OIL AND LAMPS, and KEROSENE LAMP CHIMNEYS THAT WILL NOT BREAK, AT MILLER & HENSHEY'S, June 17, '63. Chambersburg, Pa.

KENNEDY'S Medical Discovery, Ayer's Sarsaparilla, Sewer's Cod Liver Oil, Lindsay's Blood Searcher, Stover's Bitters, Hostetter's Stomach Bitters, Swain's Panacea, Brown's Essence of Jamaica Ginger, Helmbold's Extract Buchu, Radway's Medicine, Spalton's Throat Confections, Brown's Troches, and other reliable Medicines at SPANGLER'S.

CHAMBERSBURG ACADEMY. RE-OPENED AND REORGANIZED. Will open its fall term on Monday, September 7th. Large additions have been made to its already extensive apparatus. Skill and efficient corps of teachers has been employed and no pains or expense spared to render ours one of the first institutions of learning in the country. For further particulars send to Teachers and young men preparing for College. A Primary Department for Little Boys and Girls will be opened in the Academy under charge of Miss Schively, in which the elements of Spelling, Reading, Writing, Arithmetic, Geography and Grammar will be thoroughly taught. Tuition in this department, \$3 per quarter. For further particulars send for circular or apply to the Principal.

IRVING FEMALE COLLEGE, MECHANICSBURG, PA. The attention of parents having daughters to educate, is respectfully called to the advantages afforded at this Institution, for acquiring a thorough and accomplished education. It is easy of access, is healthfully and pleasantly located, employs a full corps of efficient and experienced Teachers, is chartered by the Legislature with full Collegiate powers to confer Literary Honors upon its Graduates, and its terms are as low as they can be in view of the comfort of the students and the permanency of the Institution. THE FALL SESSION will commence on Wednesday, September 2nd. Students should enter promptly and as far as possible patrons should write or come on and engage rooms in advance. For Catalogues address Aug 6-3-64. A. O. MARLATT, President.

EMORY FEMALE COLLEGE, CARLEISLE, PA. This Institution of Learning for Young Ladies, will be opened on Thursday, September 3rd, 1863. The President is M. F. DECHERT, Commercial and Manufacturing. The course of instruction will embrace all the branches necessary to give young ladies a refined and thorough Collegiate education. For Circulars, particular information, address the undersigned, Carleisle, Pa. R. D. CHAMBERS, July 29, '63-101. President.

CHAMBERSBURG YOUNG LADIES SEMINARY.—The fall Session of 1863 will begin September 8th. The terms will be the same as heretofore. A reduction of one-third will be made in the charge for boarding where the pupil is to be attendance from Monday to Friday. For further particulars apply to Rev. HENRY REYES, A. M. Principal, August 1st.

THE ELEVENTH SESSION OF SUNNY SIDE SEMINARY will open on Tuesday, September 1st. (July 22-64.)

Watches and Jewelry. SALISBURY BROS. & CO., No. 57 DORRANCE STREET, and 67 WEYBOSSETT STREET, PROVIDENCE, R. I. Proprietors of one of the most extensive JEWELRY MANUFACTORIES in the Eastern States. Beg to call the attention of the community generally to the very SURPRISING CHEAP RATE At which they are offering their Goods! FAB. SUPERFINE Both Foreign and Domestic Manufactures in point of Elegance and Real Durability!

HATS AND CAPS. HATS, CAPS AND STRAW GOODS. I am now prepared to furnish my customers with all the new styles of Hats, Caps and Straw Goods, which I will sell low. J. L. DECHERT, 4 doors South of Eyster & Bro's.

NEW STOCK OF STRAW GOODS at old prices, at DECHERT'S.

SOFT HATS OF ALL COLORS, styles, and qualities, from fifty cents up, call and get bargains at DECHERT'S.

CARPETINGS AND BEDDING. R. E. M. O'V. L. R. L. KNIGHT & SON have removed from 222 S. Second street, to 307 CHESTNUT Street, above Eighth, where they have opened a well selected stock of CARPETS, OIL CLOTHS AND MATTINGS, Bedding and Mattresses of Every Description, READY-MADE OR MADE TO ORDER. FEATHERS OF VARIOUS QUALITIES, ALWAYS ON HAND. The manufacture and sale of Bedding will also be continued at 202 S. Second street.

25 CENTS will pay for the REPOSITORY three months to be sent to a Soldier's service. REEVE L. KNIGHT, HARTLEY KNIGHT.

MANUFACTURERS can reach a large class of their dealers by advertisement in THE FRANKLIN REPOSITORY. MECHANICS who desire to exchange their business should advertise in THE FRANKLIN REPOSITORY. FANCY PRINTING, in every variety of colors, done with neatness and dispatch at THE FRANKLIN REPOSITORY office. IMPLEMENTS.—Dealers and Manufacturers of Agricultural and other Implements, can reach a large class of valuable customers by advertisement in THE FRANKLIN REPOSITORY. CATALOGUES, containing full information and Prices of Goods, can be obtained upon application. Orders by Mail, Telegraph, or Express, respectfully solicited. SALISBURY BROS. & CO., 57 DORRANCE & 67 WEYBOSSETT STS., PROVIDENCE, R. I. June 17, '63-6m.

GROCERIES, &c. NOTICE TO THE PEOPLE OF FRANKLIN COUNTY, who have LOST MONEY by the REBEL INVASION, and to all others who desire to MAKE AND SAVE MONEY. WILLIAM GELWICKS, Wholesale and Retail DEALER IN MERCHANDISE, CHAMBERSBURG, PA. has just returned from the East and opened the following list of FRESH MERCHANDISE, which he proposes to sell WHOLESALE AND RETAIL, CHEAPER THAN THE CHEEPEST: 100 Barrels Brown Sugar, 40 " White " 60 Syrup and Molasses. 3000 Lbs. choice Hams, 5000 " Sides and Shoulders, 4000 Bags G. A. Salt, 60 Bags Ashton Fine Salt, 1000 Sacks Table or Dairy Salt, 50 Boxes Prime Cheese; 25 gross Essence Coffee; 1500 Lbs. Excelsior Coffee, 50 bbls. No. 1, 2 and 3, Mackarel, 100 boxes Scotch Herring, 50 doz. Twine and Bed-Cords, 70 Dozens Assorted Brushes; 50,000 Segars as Manufacturers' Prices; 100000 lbs. of Raisins, 50 dozen Curry-Combs and Horse Cards, 100 gross Matches at factory prices; 200 doz. Mason's shoe Blacking at factory prices; 500 doz. packed Smoking Tobacco, 25 gross Stove Polish, 25 gross Indigo in boxes, 100 lbs. Indigo in lump, 100 doz. Pint and half pint Flasks at Factory prices, 25 " Wine Bottles, 100 " Fancy Soaps. WATER, SUGAR, SODA and FANCY CRACKERS, by the barrel; PAINTED BUCKETS, by the dozen, GROUND AND UNGROUND SPICES, at wholesale prices; also, HOUSEKEEPING ARTICLES, STONEWARE, QUEENSWARE, NOTIONS, &c., &c. in great variety. TOBACCO OF ALL KINDS, from 5 lbs. to a box, at City prices, together with hundreds of articles not named, all of which will be politely shown to customers, and if not satisfied after examination, that HIS STOCK IS THE LARGEST IN THE TOWN AND HIS PRICES THE LOWEST, he will not expect to make sales. I am determined to sell goods very cheap and thereby sell the more of them. The special attention of country merchants is invited to this stock of merchandise, as I can and will sell goods as low as any Jobbing house in the city. On all articles I can do well, and on many articles better, than a single barrel, box, package or dozen could be bought for in the city. July 29, '63-1c. WILLIAM GELWICKS. KEROSENE OIL. WILLIAM GELWICKS, Wholesale and Retail GROCER, on the Diamond, Chambersburg, Pa. has been appointed Agent for Franklin County of one of the best KEROSENE OIL COMPANIES in the State, and will sell OIL, WHOLESALE AND RETAIL, as low as any House in Pittsburgh or Philadelphia. Look for our interest and buy your OIL where you get it the Cheapest, and where it is always warranted to be the very first quality. [July 29, '63-1c.]

MEDICAL. NOT ALCOHOLIC. A HIGHLY CONCENTRATED VEGETABLE EXTRACT, A PURE TONIC. DR. HOOFLAND'S GERMAN BITTERS. Prepared by Dr. J. C. Jackson, Philadelphia, Pa. WILLIAM GELWICKS, Wholesale and Retail Dealer in Merchandise, Chambersburg, Pa. has just returned from the East and opened the following list of FRESH MERCHANDISE, which he proposes to sell WHOLESALE AND RETAIL, CHEAPER THAN THE CHEEPEST: 100 Barrels Brown Sugar, 40 " White " 60 Syrup and Molasses. 3000 Lbs. choice Hams, 5000 " Sides and Shoulders, 4000 Bags G. A. Salt, 60 Bags Ashton Fine Salt, 1000 Sacks Table or Dairy Salt, 50 Boxes Prime Cheese; 25 gross Essence Coffee; 1500 Lbs. Excelsior Coffee, 50 bbls. No. 1, 2 and 3, Mackarel, 100 boxes Scotch Herring, 50 doz. Twine and Bed-Cords, 70 Dozens Assorted Brushes; 50,000 Segars as Manufacturers' Prices; 100000 lbs. of Raisins, 50 dozen Curry-Combs and Horse Cards, 100 gross Matches at factory prices; 200 doz. Mason's shoe Blacking at factory prices; 500 doz. packed Smoking Tobacco, 25 gross Stove Polish, 25 gross Indigo in boxes, 100 lbs. Indigo in lump, 100 doz. Pint and half pint Flasks at Factory prices, 25 " Wine Bottles, 100 " Fancy Soaps. WATER, SUGAR, SODA and FANCY CRACKERS, by the barrel; PAINTED BUCKETS, by the dozen, GROUND AND UNGROUND SPICES, at wholesale prices; also, HOUSEKEEPING ARTICLES, STONEWARE, QUEENSWARE, NOTIONS, &c., &c. in great variety. TOBACCO OF ALL KINDS, from 5 lbs. to a box, at City prices, together with hundreds of articles not named, all of which will be politely shown to customers, and if not satisfied after examination, that HIS STOCK IS THE LARGEST IN THE TOWN AND HIS PRICES THE LOWEST, he will not expect to make sales. I am determined to sell goods very cheap and thereby sell the more of them. The special attention of country merchants is invited to this stock of merchandise, as I can and will sell goods as low as any Jobbing house in the city. On all articles I can do well, and on many articles better, than a single barrel, box, package or dozen could be bought for in the city. July 29, '63-1c. WILLIAM GELWICKS. KEROSENE OIL. WILLIAM GELWICKS, Wholesale and Retail GROCER, on the Diamond, Chambersburg, Pa. has been appointed Agent for Franklin County of one of the best KEROSENE OIL COMPANIES in the State, and will sell OIL, WHOLESALE AND RETAIL, as low as any House in Pittsburgh or Philadelphia. Look for our interest and buy your OIL where you get it the Cheapest, and where it is always warranted to be the very first quality. [July 29, '63-1c.]

BEWARE OF COUNTERFEITS! See that the signature of "C. M. JACKSON" is on the WRAPPER of each bottle. PHOENIX BRAND, OR HALF DOZ. FOR \$1.00. Should your nearest druggist not have the article, do not be put off by any of the intoxicating preparations that may be offered in its place, but send us, and we will forward to you the genuine article. PRINCIPAL OFFICE AND MANUFACTORY, No. 63 ARCADE STREET, JONES & EVANS, (Successors to C. M. JACKSON & CO.) FOR SALE by Druggists and Dealers in every town in the United States. [June 17, 1863.]