FREDERICTON, N. B., WEDNESDAY, AUGUST 22, 1883.

VOL. IV

FELLOWS' DYSPEPSIA BITTERS

INDIGESTION.

In recommending this medicine the proprietors have the satisfaction of stating that it has undergone a thorough trial of at least forty-five years and thousands have witnessed its effect and been benefitted. The flattering accounts given and increased sales have induced the statement of the satisfactory in that it may become more them to advertise it, that it may become mor generally known. generally known.

It is Tonic, Discretic and Purgative, operating gently on the bowels it completely cures and prevents the return of Dyspepsia or Indigestion, Jaundice, Bilious attacks. Heartburn, Nausea or Acidity of the Stomach, Headache, Loss of Appetite disagreeable breath and all diseases arising from irregularity of the bowels.

Price 25 cents. Every bottle has the name Fellow & Co. blown on the glass.

T. B. BARKER & SONS. March 7,



THE MOST SUCCESSFUL REMEDY ever discovered as it is certain in its effects and does not blister. Also excellent for human flesh. READ PROOF BELOW.

DR. B. J. KENDALL & Co., Gents :- Four years ago while in the employ of A. P. Perley & Co., Danvers, Mass, we had a horse that become spavined during the first year of my stay with them, and remained so for four years, although we used every remedy we knew of or could hear of but of no avail. Some time during the fifth year, (for I was in their employ between five and six years,) we were recommended to try Kendall's Spavin Cure, and after using it two menths, the Horse was cured, the enlargement being entirely removed, and thus believing it to be a valuable medicine I fully recommend it to all who have occasion to use it Respectfully,

KENDALL'S SPAVIN CURE

Los Angels, Cal., Feb. 26th, 1882.

C. H, THAYER, P. O., Box, 1007.

P. H. LYONS.

MESSRS. B. J. KENDALL & Co.: -Having used your Kendall's Spavin Cure, I find it the best remedy for the horse that has ever been used on this coast. I have a fine colt that was kicked last fall on the point of the shoulder, and for three months had no use of his leg and by using two bottles of your Kendall's Spavin Cure, he is entirely cured. I enclose 25 cents, for which please send me one of your Treatise on the

KENDALL'S SPAVIN CURE. Send address for Illustrated Circular, which we think give positive proof of its virtues. No remety has ever met with such unqualified success to our knowledge, for beast as well as man, Price, \$I per bottle, or six bottles for \$5. All Druggists have it or can get it for you, or it will be sent to any address or receipt of price by the proprietors, DR. B. J. KENDALL & CO., Enos-burgh Falls, Vt.

SOLD BY ALL DRUGGISTS.

RELIEF IS AT HAND

GATES Certain Check

Is speedily making its way into every family in the land. On its own merits its sale has more than doubled during the last year, and all are satisfied that it is purely vegetable and a perfectly safe and harmless medicine, and at the same a certain and positive cure for Diarreland. Memory, Univer-BEFORE TAKING, sal Lass it ude, AFTER TAKING. Sal Lass it ude, AFTER TAKIN hee, Dysentery, Cholera, Cholera Morbus, and all other kinds of violent pain and cramps.

No family should be without it in the house one day, as it may save life before a physician can be called, and will certainly save a great

amount of suffering and perhaps a long sickness by its early use.

For children of all ages it is just the thing.
Infants take it in smaller doses with perfect success, being pleasant to the taste and giving instant relief. A few of the numerous testimonials may be seen in pamphlets and around Price only 25 cents. Try it once and you won't Sold everywhere, and at wholesale by John M. Wiley, and Davis, Staples & Co. Fredericton; and R. W. McCarty, and T. B. Barker & Sons,

Two years ago I was very sick with what is called Summer Complaint or Dysentery, and I bought one bottle of Gates' Certain Check, and I verily believe that it saved my life, This I can

A. L. MATHEW, J. P. FOR SALE.

THAT valuable property in Kingsclear known as "Woodlands," fronting on the River St. John, and situate one and one-half miles from the City of Fredericton (proper.) This property is well fenced and watered, and contains about forty acres, thirty of which are under cultivation, and the remainder heavily wooded. The buildings comprise a House, 45x32 feet, containing four sitting rooms and nine bed rooms, five of the rooms are furnished with rooms, five of the rooms are furnished with register grates, besides kitchen and scullery, 20x30, pantries, etc. There is a frost proof cellar under one-half the house, Lodge, containing four rooms with small barnattached. Two barns 50x30, studded and clapboarded, stone roothouse, 20x30, piggery with feed boiler and flue, shed containing woodshed, coalhouse hen house, ice house and workshop. All the buildings are framed and on stone foundations. There are ice house and workshop. All the building are framed, and on stone foundations. There are framed, and on stone foundations, etc. The two orchards in bearing, gardens, etc. The grounds in general being well laid out and planted, with ornamental trees, making a most desirable property for a gentleman's residence.
For further particulars apply to RAINSFORD & BLACK, Solicitors, Fredericton, H. L.
STURDEE, Solicitor, St. John, or 10 the sub-

scriber on the premises. CHARLES C. TABOR,

February 9, 1882



for Inflammation of the Urinary Organs caused by Indiscretion or Expoure. Hotel Dieu Hospital, Paris, Treatment. Positive cure in one to three days. Local treatment only required. No nauseous doses of Cupebs or INFALLIBLE, HYGIENIC, CURATIVE, PREVEN-TIVE. Price \$150, ir luding Bulbe Syringe Sold by all druggists, of sent free by mail securely sealed, on register to force. Descriptive treatise free on Application. AMERICAN AGENCY "66" MEDICINE CO, Detroit, Mich,

Sold in Fredericton by GEO. H. DAVIS, Druggist

> May 16, 1883 White Lead and Oil.

3000 L BS. Branch m's No. 1 White Lead; 6 ca ks Billed and Naw Linseed Oil; 6 d z. Narrow Axes; 3 doz. Boy's Axes; 3 doz. Bench Axes; 1 doz. Broad Axes; 1 doz. Mason's Stone Hammers; doz. Carpenter's Slices nandled

2 Fine Benders; 1000 [198] Sad Irons, assorted; 3 Blacksmith's Drills; 3 barrels Glue; 1 gross Bidwell's best Axle Grease; 45 bundles Steel and Iron Shovels, long and short handles, round and square pointed.

R. CHESTNUT & SONS. Aug. 8

Nervous Headache, Neuralgia AND SCIATICA.

Is one of the best preparations now before the public for the cure of those distressing complaints that have baffled the skill of phy-sicians for ages past. It is perfectly safe and sicians for ages past. It is perfectly safe and reliable being prepared from the prescription of a surgeon in the British army, who compounded it for the cure of those Nervous Diseases existing in the regiment to which he was attached, and by this Remedy he was enabled to effect a positive cure in every case. Wherever it has been used according to directions, it has never failed to produce the most satisfactory re-

It has but recently been introduced into this country, but during the last two years it has been used here, its cures of the above diseases been used here, its cures of the above diseases have numbered more than that effected by all other remedies combined; it has cured cases of from one to twenty years standing, as can be september next, between the hours of 12 o'clock Sold at all the principal Drug Stores in the

ADDRESS ALL ORDERS TO

GEO. H. DAVIS OR J. M. WILEY Druggists and Apothecaries, FREDERICTON, N. B. March 14

30 YEARS.

MPORTANT TRIAL of THIRTY YEARS

troyer in the world. 500 Medical men endorse and use it in their practice, and believe it is well worthy the name,

KING OF PAIN! \$100 will be paid for a case it will not cure or help of the following Diseases; Diptheria and Rheumatism, Scalds, Chilblains, Galls, Boils, Sprains, Lumbago, Bronchitis, Burns, Foothache, Broken Breasts, Sore Nipples, Felons, Stings, Bruises, Frost Bites, Old Sores, Wounds, Earache,

Pain in the Side or Back, Contraction of the Mus-

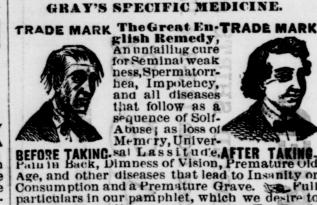
cles. There is nothing like it when taken internally for Cramos, Colic, Crouo, Colds, Coughs, Hoarseness, and Sore Throat. It is perfectly harmless and can be given according to directions without any injury whatever. A Positive Cure for Corns

and Warts, And will produce a fine growth of Hair on bald heads in cases where the Hair has fallen from disease, as thousands of testimonials will prove.

A trial will convince the most sceptical that the tinguished men who have used MINARD'S LINIMENT And now have a beautiful crop of Hair; and hundreds who have used it are willing to swear

that by the use of MINARD's LINIMENT they have obtained a new growth of Hair. W. J. NELSON & CO., Proprietors, Bridgewater, N. S. GEORGE H. DAVIS, Druggist, Wholesale Agent, Corner Queen and Regent Sts., Fre-dericton, N. B.

Dec 6, 1882-1 y



Consumption and a Premature Grave. Full particulars in our pamphlet, which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent sent free mail on receipt of the money by addressing

THE GRAY MEDICINE CO., Toronto, Ont., Canada.



WILL CURE OR RELIEVE DIZZINESS. BILIOUSNESS, FLUTTERING INDIGESTION OF THE HEART. ACIDITY OF ERYSIPELAS, THE STOMACH, SALT RHEUM DRYNESS HEARTBURN, OF THE SKIN, HEADACHE,

And every species of disease arising from disordered LIVER, KIDNEYS, STOMACH, BOWELS OR BLOOD, T. MILBURN & CO., Proprietors, TORONTO.

THE BOARD OF AGRICULTURE having directed the Secretary to keep a REGISTER of FARMS and other Real Estate in this Province of which the owners may be desireus of making sale. Parties wishing to avail themselves of this Registry are requested to address the Secretary, at Fredericton, giving the following routing partial area.

Extent, and Description of Soil; Acreage under cultivation and Buildings and general or special advantages; Price and terms of payment and when posses-sion will be given.

JULIUS L. INCHES. Office for Agriculture, F ton, May, 1881

Dissolution of Co-Partnership.

existing between the undersigned, and known as LIMERICK REID & CO., is disolved, by mutual consent, Mr. Reid retiring there-from, with the intention of going from the city, known as heretofore by the name of A. Limerick & Co., and they would desire to thank the public generally for the liberal ratronage be-

stowed on them during the last year, and would solicit a continuance of the same.

W. H. REID.

Fredericton, May 2nd, 1883. ONE DOLLAR.

WE are selling a very good Tea at 5 lbs. for

GEO. HATT & SONS.

COME, EXAMINE AND BUY THE Toronto Mower, and Sharp's Self-Dumping Wheel Rake,

W.H. VANWART'S F'ion, June 20]

Threshing Machines!

NOW DELIVERING OUR WELL-KNOWN AND CELEBRATED THRESHERS, Also THE LITTLE GIANT, for those who prefer them SMALL & FISHER, Woodstock, N.

ated in Lake George Settlement and on the Lake George Road, Parish of Prince William, containing 100 acres, 30 acres of which are cleared, the remainder being well covered with hard and soft wood. There is a good House and Barn on the place.

Seven acres of land on the "Traynor" Farm, on the same Road and Parish, part of which is

MRS. SARAH JANE CLANCY. Fradericton, July 25, 1883.-3m

SHERIFF'S SALE.

property, use, possession, claim and demand whatsoever, at law or in equity, of Richard Carman, of in and to that certain tract, piece or parcel of land situate in the parish of St. Mary's, in the County of York, and boun ed as follows: Beginning at lower corner of the lot lately sold at Sheriff's sale to E. By ron Winslow and running south-east to the county line thence a north-easterly course along the said county line till it strikes land owned by William Good; thence in a north-westerly course 20 rods more or less, or till it strikes the upper line of lands lately sold by the Sheriff of York, to said Winslow; thence in a line parallel with the county line aforesaid to the place of beginning and being the lower half of lands in the occu-

pation of Richard Carman, and containing fifty

acres more or less, with the improvements

hereon, the same having been seized and taken

by virtue of an execution issued out of the Su-pieme Court at the suit of John McDonald against the said Richard Carman. A. A. STERLING,

Fredericton, May 16, 1883

JUST LANDING.

EXTRA No. 1 GREEN HEAD LIME

FARMERS' PLASTER, AT THE LOWEST POSSIBLE PRICES.

Also a full and complete line of GROCERIES

Quality not quantity we aim at. W. E. MILLER & CO'S.

FEED AND SEED HOUSE,

Opp. People's Bank, Queen St. Fredericton, July 11 WM. EWING. J. H. DAVIDSON. WM. GRAHAM.

WILLIAM EWING & CO., SUCCESSORS TO EWING BROTHERS. SEED MERCHANTS

142 McGill St., Montreal.

Samples and Prices on Application. A copy of our Illustrated Seed Catalogue for 1883 will be sent to any address on applica-

J. T. SHARKEY, LL. B.,

NOTARY PUBLIC. &c. OFFICE: Opposite Officers' Square, Queen Street, Fredericton.

A. L. BELYEA, INSURANCE AGENT.

Next door below

July 19, 1882-1yr Now Landing per "Brantford City."

Via Halifax from London SACK Choice Java Coffee; 5 cases Starch; 1 case Preserved Ginger; 11 barrels Pickles and Sauces; 4 cases Sperm Candles; 2 cases Marmalade

5 casks London Malt Vinegar; 1 cask Day & Martin's Blacking; 1 cask Cox's Gelatine; 1 case Nutmegs; 1 case Macaroni; 1 bol. Pure Ground Ginger At lowest prices,

GEO. HATT & SONS.

Bars Cast Steel: OASK mill saw files, taper saw, round, flat half round, oval and square files, rat tail files, pit saw files, augur files, flat and half round files. 4 casks general shelf hardware-knives and forks, scissors, harness, upholsterers and spection by it without tharness awls, chest locks, pad locks, turning chisels and gouges, brass cocks, Wilson's shoe knives, butcher knives, engineer's hand hammers, turkey oil stones, dessert knives and forks, sorks only, carver knives and forks, whip

thongs, curtain rings. waterproof gun caps, worsted blin i cord, cash boxes, powder flasks, leather shot pouches, oval teatray, cork screws, spectacles, round brass stair rods and eyes, door bolts, brass chair nails, brass headed nails, wrought iron garden rakes, brass screw hooks,

brass buttons, plugs and nipples, gun cocks, ram rod screws and tips, halter chains, swivels, Japan ed mullin bits, halter rings, harness buckles, roller buckles, saddler's punches round and oval, builtet moulds, tind iron table and the species gun hammers gun locks coller tea spoons, gun hammers, gun locks, collar buckles, gridirons, measuring tapes, pea screws wash basins, bross pad locks, escutcheon pins, chisels, gouges, plane irons, and other shelf hardware. 8 bundles toe caulk steel; 1 bundle Blisterea steel; 22 bundles and bars Cast Steel, round, square and octagon, from } to 3 in square R. CHESTNUT & SONS

spose?" Haying Tools. Haying Tools. VERY LOW, AT

W.H. VANWART'S West End Queen Street. Fredericton

JUST RECEIVED: 500 Bushel Oats. 1000 lbs. Buckwheat Meal,

by mail, a Golden Box of Goods, that will bring you in more money in One Month than anything else in America. Alsolute Certainty. M. Young, 173 Greenwich St., New York

Miscellaneous.

A Mother's Love.

When others braid your thick brown hair And drape your form in silk and lace, When others call you "dear" and "fair," And hold your hands and kiss your face, You'll not forget that far above All others is a mother's love.

Some day, Mong strangers in far distant lands, In your new home beyond the sea, When at your lips are baby hands And children playing at your knee-O then, as at your side they grow, How I have loved you, you will know!

Some day, When you must feel love's heavy loss, You will remember other years When, I, too, bent beneath the cross. And mix my memory with thy tears. In such dark hours be not afraid Within their shadow I have prayed.

Some day, Your daughter's voice, or smile, or eyes My face will suddenly recall : Then you will smile in sweet surprise And your soul unto mine will call

Which we at evening used to share

Some day, A flower, a song, a word may be A link between us strong and sweet Ah, then, dear child, remember me! And let your heart to " mother" beat. My love is with you everywhere-You cannot get beyond my prayer.

At longest it can not be long. I shall with glad impatience wait, Amid the glory and the song. For you before the Gold n Gate. After earth's parting and earth's pain,

Never to part! Never again!

Subscribe for the FARMER, only one

It is the great art and philosophy of whether it be good or bad.

Cleanse the blood with Ayer's Sarsaparilla, and realize how far down in the scale of health you have been living.

A Concord philospher, whose wife knocked him out of bed in a rage and bunged his eyes, tells his friends that he is suffering from inflammatory room-It is a dangerous thing to allow the

and there is no need of it. A small bottle of Johnson's Anodyne Liniment will cure the most stubborn case that can be produced. you get your coat so muddy, Charles ?"

diarrhea or dysentery to go unchecked

Charles: "Let it fall last night, love." was I? Why-why-inside it!" A young lady in a Philadelphia semin ary was heard to say that the hot weather had made her "sweat." One of the

teachers, a lady of the old school, reproved her in these words: "My dear, bear in mind that horses sweat, men prespire, and young ladies get in a glow." cured of Liver and Kidney Complaint about one cow to each peasant, and as countries this year over last. They after life was dispaired of. He had he was mainly dependent on the proremained from ten to fifteen days with- duct of the animal for his daily food, he out any action of the bowels—Burdock took care to see that this one cow was a United States is the only exporting Blood Bitters cured him, and he writes

been for twenty years past. She-"Why?" He-"Because revenge in all ways to induce her to give enoris so sweet." She-" Certainly you mous quantities of very rich milk." may, provided, however, you will let

Mr. W. A. Wing, Westport, writes "I wish to inform you of the wonderful

Messrs. Gregory & Blair, Queen St. results which followed the use of Northrop & Lyman's Emulsion of Cod Liver Oil and Hypophosphites of Lime and that I was unable to work. I tried was restored to perfect health.

his creditors related to a friend a very and on the road, he has been as faithful strange dream that he had. "I dream-Per S. S. "Nova Scotian" via Halifax. ed that I was dead," he said. "I in gilded paraphernalia under the conthought that I had passed away peace-5 Casks Hardware and 26 Bundles and 5 fully and calmly, and when the mist cleared away from before my eyes I was in that better land where the weary

first man I met was the sheriff." Educated like a White Man.

"So, yer's eddycated like a white man, is yer?" said old Jasper to his son, who had just returned from school "Yes, sir; I have acquired a good education," the young man replied,

"Eddycated like a white man, yer "Like the man what buys cotton, I and also a credit to your pocket.

plants. Talk to me 'bout a eddycated marked about the end of July and the the consequences their conduct invol- t en be well watered and haded from selecting timbers for a long span, and

nigger."-Arkansas Traveller.

Agriculture.

The cotton fields of the Southern States are suffering from drouth.

Economy is fuel: Wood will further if it is left out of doors,

after midsummer helps the fruit instead of increasing wood production.

chased the pacer Johnston, that created recently, for \$25,000.

oil in three gallons of water.

is Allen Bros. Patent Cow Tail Holder, constant switching that cows have dur-

ing milking.

According to the report of the Millers' National Associaalon for July, the wheat crop of the United States this year will be only 10,760,700 bushels short of the crop of 1882. The May report indicated a shortage of 93,000,000

adopted a novel method to save his cherries from the birds. He has hung a string of sleigh bells in one of his trees, life to make the best of the present, to which a cord is attached leading to the house, with which the bells are occasionally rung. The birds give the

trees a wide berth. The Great North-West Land Company have a steam plough at work on their farm which is about eight miles north of Plum Coulee siding, on the South-Western branch of the C. P. R. The apparatus is ploughing on an average 271 acres per day, although one day this spring their record for nine and a helf hours was 411 acres

Sheep often go a long time without drinking, especially if in a pretty good pasture, and the dews are heavy so that Careful but curious wife: "How did they can fill up with wet gsass in the morning; but when they do want to deficit, compared with an average drink, water is as necessary to their crop, of 70,000,000 bushels in both Wife: "But where were you to do health and comfort as to that of any such a stupid thing?" Charles: "Where other animals. Therefore, keep a supply of pure water in the sheep pastures as much as in any other, and if the sheep do not drink from it, give them a little salt once a week. They should have salt as often as once a week under

any circumstances. The New York Sun says that the W. A. Edgars, of Frankville, was world by the fact that "as there was good one. It was a matter of life or that he is a better man than he has death with the peasant, and he studied

animal by the horns and held him until The surface appeared to be almost en- of wheat as in 1882. could be easily loaded with them.

Of all domestic animals, the horse is the most useful, and if well bred, the most beautiful. The most ancient poets Soda. A cough of six months' stand- and philosophers whose manuscripts ing had reduced me to such an extent, have come down to the present time have spoken in the highest praise of many remedies without effect; at last I this valuable creature. And well they used this Emulsion, and before three may. His usefulness, his intelligence bottles were used I am glad to say I and affection, under proper treatment, have endeared him to people of every A man who was much harrassed by race and clime. In peace and in war, in his humble occupation on the farm trol of kings and princes.

scene that met my eyes and the angel fodder; then give plenty of clean, sweet music that came to my ears, Then I clover hay, with the same quantity of started down the golden street, and the oats as before, sometimes changing them for carrots. This will be a plenty until the colt is eighteen months old, when it may be increased to three quarts. Some writers say, "You should let the colt grow thin on grass alone at three years." My experience has been to never let the colt grow thin, always keep him growing, and if you have followed the foregoing rules, using your own judgment, you will have a colt that will be a credit to you as a breeder,

A little more than a decade ago a tors. Stupidity never makes good ful for success in planting in pots, a what of expense till of marketable "Well, I'll hab to see 'bout dat new disease began to despoil the potato butter. Intelligence is always a valu- well as in the open border. Set the age, can hardly be too careful in mak-Now, sposen I has a bale ob cotton what near Stavanger, Norway, and it has able constituent in the qualifications plants in the shade for two or three ing his selections, of both dams and weighs 500 pounds, an' I sell it to ver- been steadily increasing in virulence and "make up" of the operatives in lays, or into a well-prepared hot-bed. sire; especially of the latter, as he is self, de white man, how much would year after year. Funguid growths in any industry, but it is indispensable and cover them with newspapers. supposed to have the former already yer gin me fur de bale, at seben cents er fest the stem, reducing its interior in in the fine art of butter making. Water freely with a watering-pot- on hand. The opinion of an expert, the first place to a sort of pulp, and at Innocent consumers are often made ut if kept in the house do not give a thoroughly competent veterinarian. "Thirty-five dollars," the young man last so prey upon the plant that the he victims of fifthy and unwholesome enough to sodden and decay them - is as clearly proper in the case of stems are mere hollow reeds which ractices simply because the opera- and in a week they will have taken buying the services of a sire, as in "Yees mistaken!" the old man shout readily fall to the ground. The ripe tives in the dairy have not intelligenc root in their new home and begun to buying a horse for ordinary work. A germs of the fungus are about the size enough to distinguish between wha grow, and when they have entirely competent man, having learned by "Yer'd figger roun' and cheat me of a small bean, and when they remain is and what is not filthy and detrimen recovered from a long journey they eareful inspection what kind of brood outen ten dollars. Dar ain't no usen in the earth all winter they are found tal, or, if they have the ability, they can be transplanted into the border mares you have on hand, and the und sendin' yer to school' nor liftin' yer when the warm season commences send- neglect to use it. Thus dairymen if they have only come a short dis- you propose to put the increase, scars bove the natchul lebil ob a coloured ing out minute spores, which attack the frequently do unwittingly what they tance, however, after a bath and a the proposed sire with as much clearman. Come on heak, now. Drap your plant before it shows itself on the sur- would scorn and most seduously avo o roll in the sand, they can be planted ness as to the ends aimed at, as though eddycation and help me set out cabbage face. The ravages of this pest are most if they had a clearer appreciation of directly into the border, and should be were a bridge builder, in the act of

beginning of August.

The World's Wheat Crop for 1883.

As we are approaching the end of Dr. B. D. Halsted, writes of a serithe wheat harvest, or at least have ous pest of the orchard, in the Ameri- killing bushes that interfere with the gone safely through that of the winter can Agriculturist, for August:crop and begun on the spring, thus Mr. D. D. Gaines, near Catskill, N. more leisure to attend to the business having secured three-quarters of our Y., brings us peculiarly distorted than earlier or later in the season, go total crop, it is safe to make an esti branches from his plum orchard, and They may be cut easily at this time, mate of the world's supply for 1883, complains that the trouble is a serious as the wood has not become thoroughand from it draw conclusions as to one, as he has over two thousand plum ly hardened. They will be less likely Manure applied to apple trees a little the probable value and course of trees more or less affected. The cause to sprout than if dut in the spring or prices for 1883-84. Beginning with of this distortion of the smaller branch- very late in the fall. Willows are the United States, we take the Gov- es is a fungus, and it has long been likely to send up sprouts if they are ernment estimate for June as our known as "Black Knot." It has often cut at any season of the year. The J. I. Case of Racine, Wis., has pur- basis, as the conditions for July have been claimed by careless observers best way is to destroy them, if they not been such as to materially change that the swellings were due to various are telerably large, is to cut the bark such a stir in Chicago sporting circles the general result, although there has insects which infest the peculiar out- just below the branch, and to strip it been a great deal of talk for specu- growths. The parasitie fungus attacks down to the ground, where it should lative effect about damage by drought the young branches in early spring, be allowed to remain exposed to the The cabbage worm is most effectually to the spring wheat, and disappoint causing them to increase rapidly in sun until it becomes thoroughly dry. repulsed with a mixture of half a pound ing yield of winter. These estimates, size rupture of the bark soon follows The bushes may then be cut close to of hard soap and half a pint of kerozene from the manner in which they are and the soft substance, coming to the the ground, thrown over the roots and made, being based upon the reports surface, expands in an irregular man- burned. Sometimes the roots are so of those living in the agricultural ner, and is shortly covered with a near the surface that they can be It is estimated that domestic animals sections, where interests are bound up peculiar olive green coat. The fuugus readily grubbed out. At other times of the value of \$12,500,000 are destroy- indirectly if not directly with those plant is like many others of the same however, they penetrate the soil for ed by wolves overy year in European of the farmers, and hence in their low order of vegetation ,as the vari- so great a distance that it is very Russia. Many human lives are also favor, are always under-estimates ous molds, meldews, etc., and consists difficult to tug them out. The easiest rather that over, as is shown by com- of a multitude of fine threads, that as well as the most effectual way to parison of every preliminary estimate run in all directions through the sub destroy hazel bushes is to cut them made since the Bureau was establish- stance of the plum tree. The alive off close to the surface of the ground ed, with his final returns. This color of the surface is due to a vast and to devote the land to sheep pasunderestimate averages 10 to 12 per number of minute bodies called spores, turage. If no portion of the stems rewhich is a preventative to that habit of cent. too low, and hence when we which are formed on the tips of the main above ground they will throw take the Government figures of 75,- threads, and, breaking away from up but few sprouts, and these may be 000,000 bushels less than last year's their attachments, serve to propagate easily cut of with a scythe if they are abnormal crop, we are on a safe basis. the trouble. After the knot has not eaten by sheep. A bush-scythe, This would give us a crop of 425,000,- grown to some size, its soft substance as it is ordinarily employed, is not a 000, or 30 000,000 bushels less than offers a good home for various kinds good implement to use for cutting the average the past five years. Last of insects, and it is rare to find such a bushes. It does not cut them suffiyear, on Aug. 1st, statistical author- knot that is not thus infested. This ciently close to the ground. A short ities estimated the balance of old crop was the strong argument in favor of stump remains which throws up wheat and flour carried into the new the view that the knots were of insect sprouts. A carpenter's adze is an exat 30,000,000 bushels; this year they origin. The scientific name of the cellent implement for cutting bushes. estimate it at 100,000,000 bushels, or fungus is Sphæria morbosa, and this, The handle should be adjusted so as A Westchester (Pa.) gentleman has 70,000,000 more than a year ago, the cause of the black knot, is as much to shave the ground. It may be used which offsets within 5,000,000 bushels a plant as the plum tree upon which to good advantage after the ground is the deficit of this crop compared with it lives. the big crop of 1882, and gives us The olive surface-spores continue to 40 000,000 bushels more than an aver- form through the summer, and at age crop to supply our wants for 1883- autumn another kind of spore begins 84. In other wheat producing coun- to develop within the substance of the

countries a reserve in excess of last attacked, it may be best to remove it. cessively rapid decomposition and year of 31,000,000 bushels to offset a

The crop of France last year was more than the average, and hence the deficit compared with a year ago is still less than the above figures Hence the deficit, compared with last year, to be supplied this year is less than the difference between the above figures 70 000.000 and 31,000,000 busbels-or 59,000,000 bushels. Probably Jersey cow was made the best in the 25.000,000 bushels will cover the excess to be imported by these two are the only importing countries that have any deficit whatever. The country that has a deficit in crop, and as we have shown, even she has no the cow's nature, and catered to her deficit in surplus for export. On the He—"May I call you revenge?" wants and humoured her whims, trying other hand, all other countries have, as a whole, larger crops than a year ago, besides carrying over larger

acres of eggs. A sea captain who exporting countries will have a larger And she became his in a few months recently visited it says the island is of surplus for export than a year ago, rock, with a surface of about three and the United States as much, with A schoolmistress of Yreka, Cal., while acres. It is covered with guano, in only 25,000 000 bushsls deficit anyon her way to school, was attacked by which sea fowls of all description were where to supply. Thus we have an infuriated steer. "She seized the found laying or incubating their eggs. practically the same world's supply help came." The next day she saw a rat tirely covered with eggs. principally As to prices, there has been a widein the school room, whem she hastily those of the sea gulls, shaggs, and a spread belief that wheat would rule Attorney-at-Law, gathered her skirts about her, jumped small bird known as the salt water higher the coming that the past year up on a desk and yelled murder. A rat duck. He says it was difficult to walk It is a well known fact, however, that has no horns for a woman to grab hold of. without treading on the eggs, and a ship the first large crop after a short one does not restore normal prices. Hence last year's prices were above a moral basis of average crops. It takes the second good crop to bring

prices to the average level. Hence we should look for the world's average price in times of universal peace and average production or acreage under cultivation. There does not, therefore, appear to be any prospect of higher prices than last year for wheat unless some accident should happen to the balance of the world's harvest by mail:-

Cleanliness in the Dairy.

ly true in regard to butter.

V08.

The Black Knot on Plum Trees.

tries there is an admitted full average knot. These are of slow growth, and from large yields of rich milk. This crop, and more than last year, outside are not ripe until the following spring. being settled, it is sometimes taken of Great Britain and France; while The only remedy thus far known is for granted that the larger the yield Spain and Portugal, which were bad the judicious use of the knife. The the greater the profit will always be. ly short last year, have full average knots should be cut off and burned A large production of milk is certainly crops this year. The deficit in Great whenever they are found, They are a good thing, but it is possible to Britain is about 20,000,000 bushels most conspicuous in the winter, when strain production so hard as to get less than an average crop, and in the branches are covered with leaves, too much of a good thing. There is France 50,000 000 bushels. Each had but when a tree is attacked it is not a limit to which the flow of milk may not over 10,000,000 bushels reserves wise to delay the removal until a more profitably be carried. If the secrelast year on entering new crop. This convenient time. The diseased branch- tion is crowded too hard the product year Great Britain has a reserve of es should always be burned, otherwise becomes vitiated. It will become wheat and flour estimated by statistic- the spores will continue to form a more watery and will decay sooner. ians at 34.000,000 bushels, and France | while, and thus propagate the con- It will contain more fragments of about 17,000,000 bushels; or, for both tageous pest. If the tree is badly undissolved tissue, the result of ex-

The Source of Profit. The principle on which all farming rests is the profit of fertility; whether the fertility be purchased in the land or in the manure applied, the manure being eventually the main dependence. The more manure, therefore, that can be used, the better, if it be intelligently done. To bury manure in the lower soil is to lose a large share of it; it overcharge the soil with it, is to incur loss in the manure and the crop; to intermix it intimately with the soil and in sufficient quantity to grow a full crop (which must be determined by practice) is to get the greatest benefit; and this is the true testing point between the cost of the manure flow dries down to an amount the and the value of the crop. The dif- food and vigor of the cow can sustain. ferent kinds of soils and their condition must also be considered in the amount of manure to be used, A full henefit can not be realized on rough reserves than in years, for the same me call you Vengeance." He—"And There is an island on the coast of reasons the United States, Great and poorly-tilled land. There will be ATTORNEY-AT-LAW, why would you call me Vengeance? California which is covered by three States, Great an increased waste and less effect of to injury and disease from slight the manure, and a reduction in the states, Great an increased waste and less effect of to injury and disease from slight the manure, and a reduction in the states, Great an increased waste and less effect of to injury and disease from slight crop. This is because the mechanical condition will not admit of that free passage of the roots and their close contract with the soil as in well fined

mellow ground. It is for this reason largely, that thorough working of the soil is held to enrich it. It is in a condition the better to favour the makes these suggestions :manure; hence less manure is re quired, and hence the profit on it is ncreased. Those farmers, therefore, that use most the implements of culture get the most grofit on their manure, have a cleaner soil and more quires the most care and work. Plants by Mail.

and not much then, for the number of put the moss bound roots into a pan within the bran casing of the grain, bushels is now made, and it is only of water quite warm to the hand, and filling it not with flour, but with inin performing his duty as he has been the quality that can be affected here let the roots drink to their fill of it, numerable black, stinking seed of the after, while it is well known that any It will not hurt them to soak an hour parasite which, when set free, float larger amount of damaged wheat in the water, or until it becomes quite out and stick fast to sound grains of drags down the price of the good cold, and if the leaves still look a wheat and also to particles of the soil In the fall the colt should be taken until all of the poor is used up. We little crisped, turn off the cold water where they lie ready to enter into are supposed to be at rest. I was from grass gradually, at first only nights cannot see what the farmer has to and add warm water. Then take off the circulation of the next years speechless with joy, and for a moment then part of the day, and so on until gain, therefore, by holding back his the moss carefully and dip the roots growth of wheat plants, unless killed stood enraptured with the beautiful the change is made from green to dry wheat for higher prices — The Dairy. into fine sand; if you only have white by steeping the polluted seed in blue sea sand for scouring purposes, wash vitrol solution, and drying off with it through two or three waters in a lime. As to polluted soil, it is purificolander or sieve, and dry it in the ed from the contamination only by It is a matter of primary import- oven partly, then roll the roots in it using it for some other crop on which ance that all persons engaged in the until they are coated with it. Plant the smut plant cannot take hold." preparation of human food should, in | in good rich compost of one-third dethe most careful and thorough man composed manure and two-thirds Under the title of "Selecting a ner, study and practise the most per- garden soil, good and rich, and well Stallion to Breed From" the National fect cleanliness. This is especially mixed together. Take small pots for Live Stock Journal says that horses true in dairy work, where the intro-small plants. Three-inch pots are are often not at all what they appear duction of any foul or even foreign large enough for all plants sent by to be, on a casual inspection, especialmatter vitiates the product, both in mail. Put a small bit of charcoal or ly when this inspection is made by value and healthfulness, as well as in broken pottery at the bottom and fill some one not a thorough expert, and appearance, and this is most especial one third with soil. Press in the no selection for breeding purposes roots and fill up tightly with the soil should be made except after careful The best butter comes from the Close planting-that is, settling the examination. Therefore the man who most intelligent and observing opera- earth close around the roots-is need | rears colts, holding these under some-

the hot sun for several days.

Killing Bushes in Fields.

NO. 51

August is a favorable month for mower or plough. There is generally

Limiting the flow of Milk.

The highest profit in dairying comes waste of the substance of the milk glands. There will be more foreign matter in it in a solid form, and there will also be a more frequent sprinkling of blood globules. Scattering globules of blood are of frequent occurrence in large yields of milk, and the larger the yield the more numerous they are apt to be. In cases of very excessive production they can frequently be detected in the bottom of the vessel after the milk stands awhile, as being heavier than the milk, they settle to the bottom. Occasionally, at the last end of a milking, the blood will follow out nearly pure. When this extreme has been reached, the secretion is too large, and it may be remedied by leaving back a part of the milk at each milking, till the Then the severe strain on the mammary glands which excessive production occasions, wears them out prematurely. By becoming overdone and debilitated, they become subject

by organs more healthy and vigorous. -National Live-Stock Journal.

Theory of Crop Rotation. A writer in Country Gentleman. "It is now generally admitted that rotation of crops is rendered nece.

sary, not as formerly supposed becau-e

the soil becomes exhausted of some necessary element, or becomes unwholesome for that particular plant, easily tilled, where there is a large owing to poisonous excreta left by proportion of clay, which constitutes the roots, but because insects and disthe greater part of our land, and re- eases accompany the plant which are special to it, the eggs or spores of which are left in the soil to attack the same crop in the next following year with hundred fold increase of numbers and power. Prof. Bessey of the Iowa The following directions are for the Agricultural College, shows how this guidance of those who receive plants is the case with smut, which grows up all through the interior of a wheat not secured or some portion thereof, Unfold the packages carefully, and plant, and finally develops its spores

destined to bear a heavy strain.