SATURDAY by

ANDREW LIPSETT,

OFFICE ON QUEEN STREET,

Opposite City Hall, F'ton, N. B.

\$1.50, in advance

Should the supscription remain unpaid for 3 months from the time the first paper is sent to the subscriber, the price will be \$2.00.

Agriculture.

PRIZE LIST.

We commence publishing this week the list of prizes awarded at the Provincial Exhibition, copied from the special record, but omit amounts giving for prizes. We shall Buggy, 1st prize; Track Buggy, 1st prize; Single Sleigh, 1st prize.

week. S. L. Alward, Stallion, 1st prize. J. D. Andrews, Hoes, assortment, 2nd prize. 1st prize. A. C. Atkinson, Track Sulky 2nd prize prize; Carriage Springs, 1s Mrs. B. Atherton, Cloth Linen, 1st Half Patent Axles, 1st prize.

prize. Harris Allen, Brass Castings and assortment of Castings, 1st prize.

prize. Fancy Wood word, 1st prize. John Amos, Model of Ship, 1st

F. F. Bridges, Stallion, 3 years oid 1st prize.

1st prize; Ladies' Hose, hand, 1st 3rd prize. prize; Knit Shirt, 1st prize.

3rd prize: Bull Calf under 1 year, 1st 1st prize; Apples, 1st prize. prize; Short Horn Cow, 1st prize; Grade Heifer Calf, 1st prize.

Y. F. Barker, Short Horn Bull 1 prize. vear old. 1st prize. A. M. Broderick, Horse Shoes, 1st 2nd prize.

prize; Axes, &c., 1st prize; Edge Ayrshire Bull, 2nd prize; Ayrshire Parsnips, 2nd; Markey's, 1st. Tools, all kinds, 2nd prize.

machine, 1st prize; Shirts, machine. | prize; Shear, Ewe, 2nd prize.

2nd prize; Leicester Ewe Lamb, 1st prize; Grade Bull, 3rd prize; Crosses prize; Leicester pen of 5 Ewes, 1st and Grades Ram, 1st prize; Crosses ons, 1st; Honey in Boxes, 1st; Cloth, prize; Berkshire Boars (pure), 1st and Grades, Sow, 3rd prize. 2nd and 3rd prize; Berkshire Sow, Thomas Davidson, Ayrshire Bull, 2 (pure), 1st and 2nd prize; Mangel years, 3rd prize; Ayrshire Cow, 1st original, 1st; Paintings in Oil, 1st; Wurtzel, 1st prize; Blood Beet Seed, prize. 1st prize; Turnip Beet, 1st prize; Parsnip Seed, 1st prize; Beets, 2nd prize; Pole Beans, 1st prize; Cheese, (Pure) 3rd do. factory, 3rd prize.

Robert Brown, Northampton, White 3rd prize. Beans, 3rd prize; Mangel Wurtzels, red and vellow, 2nd and 3rd prize. George Burtt, Fancy Flannel, 2nd

C. E. Burnham, Library Furniture, prize. 1st prize; School, Furniture, 1st prize.

Bradley Bros., Ship's Blocks, 1st prize.

W. J. Bridges, Fat Steer, 1st prize. 1st prize. Mrs. J. P. Burnham, Darned Netting, 1st prize.

prize; Rustic Seats, 1st prize Brydon Bros. & Co., Biscuit, assortment of, 1st prize. Robert Briggs, Timothy Seed, 1st Straw Work, 1st prize.

prize; Woollen Mitts, 2nd prize. prize; Beet Seed, 3d; Parsnip Seed, 1st prize. Beans, 2d prize; Cheese, Factory, 1st 1st prize; Double Phæton, 2nd do.

2nd prize; Verbenas, 1st prize; Ger- Work, 2nd. display of Plants in Flower, 2nd Skirt, 2nd; Knit Sontag, 1st. prize; Foliage, 2nd prize.

Louisa Burpee, Braid Work, 1st prize; Muslin Embroidery, 2nd prize. old, 1 prize. Geo. N. Babbitt & Sons, Pansies,

nips, 1st prize; Hub Squash, 2nd shire Sow, 2nd prize. prize; Turnip Squash, 2nd prize; R. H. Foster, Filly, 2 years old, Cucumber, 1st prize; Musk Melon, 3rd prize; Mare and Foal, 2nd prize. 1st prize; Danver Onions, 1st prize; John Fleming, Crosses and Grades, do. Calf, 3rd. White Celery, 1st prize; Red Celery, Sow, 1st prize. 1st prize; Salsify, 1st prize; Peppers, 1st prize; Yellow Tomatoes, 2nd prize; Sweet, Corn, 1st prize; prize. Sweepstakes, Garden Produce, 1st prize; Grapes, 1st prize; Pansies. 1st prize; Week Shoots, 1st prize; of Flowers in Plant, 1st prize.

1st prize. Quilt, 1st prize.

Emily J. Bourne, Mexican Work, Windsor Beans, 1st; Capsicum, 3rd. 1st prize. Mrs. Blair, Berlin Work, 1st prize.

Devid Coy, Stallion, 3 years old, G. H. Clements, Filly, 1 year old,

2nd prize; Pair Steers, 1st prize; Summer Wheat, 1st prize: White Beans, 2nd prize. Carleton Co. Agricultural Society. Stallion, 4 years old, 3rd prize; 2 years, 2nd; Short Horn Cow, 2nd; Blankets, 3rd prize; Carpet, 2nd

prize; Wove Quitts, 1st and 2nd prize; Horse Power Engine,1st prize; G. W. Christie, Stallion 2 years old, 2nd; Jersey Heifer, 1st; Herd, 1st;

3rd prize; Woolen Gloves, 2nd prize; Grade Cow, 1st; Grade Heifer, 1st; 1st. Shawl, 3rd prize.

1st prize. years old, 1st prize.

Sow, 2nd prize. Bull 2 years old, 2nd prize.

RNAL DEVOTED TO AGRICULTURE, LITERATURE,

ANDREW LIPSETT, Publisher.

"AGRICULTURE THE TRUE BASIS OF A NATION'S WEALTH

NO. 28.

FREDERICTON, N. B., OCTOBER 19, 1878.

ANDREW ARCHER, Editor

VOL. 1.

Geo. W. Currie, Crosses and Grades Sows, 1st and 3rd prize.

Slason Carvell, Wool Mitts, 1st Connel Bros., Wood and Iron Plough 1st prize; Horse Rake, Sulky, 1st

prize; assortment Cylinder Stoves. Crothers, Henderson & Wilson, Top

Z. J. Currie, Mammoth Squash, 2nd

J. S. Climo, Collection of Photos. N. A. Cliff, Hair Work, 1st prize. Campbell & Fowler, Axes, &c., 2nd

prize; Carriage Springs, 1st prize Jas. Clark & Sons, Shoemakers' Lasts, 1st prize. James Clark, Hubban Squash, 1st old, 3rd.

Allen Bros., Ship Capstans, 1st prize, Turnip Squash, 1st prize; Cu-James Adams, Jig Saw work, 1st prize; common Corn, 1st prize, Sweepprize; Wood Carving, 1st prize; stakes garden Produce 2nd prize; Mammoth Squash, 1st prize. H. P. Calhoun, Paintings, Water

Colors, 2nd prize. Benjamin Campbell, Jacksonville, Barley, 3rd prize.

prise, 1st prize; Gilly Flowers, 1st ery, 1st. J. W. Barker, Filly 3 years old, prize; Apples, variety, 1st prize, John Camber, Silver Dollars, 1st Robert Brown, Filly 3 years old, prize; Susies, 1st prize; Bush Beans,

Miss Camber, Cotton Quilt, 1st

Broad & Sons, new land Hoes, 2nd 1st prize; Stallion, 1 year, 2nd prize; rots 2nd; Intermediate Carrots, 1st; Heifer, 1st and 2nd prize; Ewe, Shear-Thomas Boulter, Grade Bull, 1st ing.3rd prize; Crosses and Grades, Ram, 2nd prize; Crosses and Grades, Mrs. W. S. Burton, Braid work, Lamb, 3rd prize; Grade Boar, 2nd L. W. Baily, Minerals of N. B, 1st Dobson & McLeod, Stallion, 4 years

N. & W. A. Burpee, Leicester Ram, John Duffy, Filly 3 years, 3rd

John Derrah, Knit Quilt, 1st prize. Crayon, 1st. H. W. Dalton, Berkshire Boar, Jeremiah Donavan, Berkshire Boar,

Mrs. Charles J. Davis, Roman Embroidery, 2nd prize.

Thomas Douglas, Grade Heifer, 3rd prize; Leicester Ram, 3rd prize; B. J. Barnes, Bedroom Set, 1st Leicester Ewe Lamb, 3rd prize; Fat Cow, 2nd prize; Wollen Socks, 2nd

B. R. De Wolf, Single Phæton, 2nd Jas. D. Dickerson, Sole Leather, E. A. Barbarie, Wooden Pump, 1st 1st prize; Buff, 1st prize; Satin Finish Calf, 1st prize; Sheep Skins,

W. W. Dudley, Spring Bed, 1st George S. Bass, Rustic Work, 1st F. P. Davis & Co., Curtain Pole and one seat, 1st; Open Waggon, two Rings, 1st prize; Bannisters, 1st seats, 2nd; Single Sleigh, 2nd; Double

Samuel Ewing, Stallion, 4 years 1st; Hand Valises, 1st. H. D. Burpee, Mangel Wurtzel 1st old, 2nd prize; Matched pair, 1st

prize; Late Cabbage, 1st prize; Pole Edgecombe & Sons, Single Phæton, B. A. Everett, Carrots, 2nd; 1st; Bouquet, 1st; Hand Bouquet depth of several feet, and placed under Bebbington, White Celery, Stair Carpet, 1st; Cloth, 3rd; Hair Flowers, 2nd.

aniums, 1st prize; Bedding Plants, Mrs. Mary Everett, Ladies' Hose, 1st prize; Ferns, 1st prize; Bouquet Wollen, hand, 3rd; Ladies' Hose, Cut Flowers, 2nd prize; Cut Flowers, Cotton, 3rd; Ladies' Hose, machine, Grade Boar, 1st. 1st prize; Green House, 1st prize; 3rd; Ladies' Hose, Linen, 1st; Knit J. S. Loane, Open Waggon, 2nd

A. G. Edgecombe, Dahlias, 1 prize James Bridges, packed Butter, 5th Ten Week Stock, 2d prize; Verbenas, John Fitzpatrick, Stallion, 4 years

Jas. I. Fellows, Mare and Foal, 1st prize; Jersey Bull, 2 years old, 3rd yrs. 1st.; Chinese Geese, 1st.; Com-James Berry, Intermediate and prize; Jersey Heifer, 1st prize; Berk- mon Ducks, 1st; Aylesbury do. 1st; Altringham Carrots, 1st prize; Pars- shire Boar (pure), 1st prize; Berk- Indian Corn, 2nd; Owens, 1st; Mar-

Miss Friel, Shell Work, 2nd prize.

Miss Fisher, Crayon Drawing, 2nd Samuel Fleming, Devon Cow, 1st; Grade Boar, 1st; Carrots, Intermediate, 2nd; Belgian Seed, 1st; Mangel Perennial Flooxes, 1st prize; Display Wurtzel, 1st; Green Turnips, 2nd; Early Horn Carrots, 2nd; Carrots, 1st; Adeline Burpee, Late Cabbage, 2nd Parsnips, 2nd; Red Mangel Wurtzel, 2ud; Green Turnip, 1st; Altringham Mrs. Charles Brown, Hearth Rug, Carrots, 'nd; Early Rose, 1st; Bradley 1st; Scorgenea, 2nd; Summer Cab-Mrs. Dorethea Brown, Wollen bage, 1st; Red Cabbage, 1st; Red

Tomatocs, 1st; Yellow Tomatoes, 1st; Caleb Fox, Mare to Carriage, 2nd. S. R. Foster & Sons, Cut Nails, &c.,

1st : Tacks, 1st. G. G. Flewelling, Matches, 1st. Robert Flemming, Onions, variety,

H. Flewelling, Engraving on wood. C. E. Grosvenor, Short Horn Bull,

1st; Cloth, 1st; Cheese, 1st.

Short Horn Cow, 3rd; Short Horn old, 1st. Heifer, 2nd; Short Horn Heifer, 3rd; prize; Thrasher and Seperator, 1st Short Horn Calf, 2nd; Jersey Bull 3 1st and 2nd; do. Calf, 2nd; do. Cow, years, 1st; Jersey Bull, 2 years, 1st; 2nd and 3rd; do, Heifer, 1st and 3rd, influence of heat, moisture and atmos- on the ground, or to lag behind when easy and economical, the planting Horse Shoes, 1st prize; Indian Corn, Jersey Calf, 2nd; Jersey Cow, 1st; James McKay, Berkshire Boar, pheric air. These, together with feeding with the flock in the fields, should be done in drills rather than Jersey Heifer, 1st; Jersey Heifer, (pure), 1st.

Berkshire Boar, (Pure) 2nd; Ply- Keys McBrine, grade Bull, 3 years, Geo. Campbell, Filly 3 years old, mouth Rock Fowl, 1st; Canoe, 1st; 2nd; grade Calf, 2 ears, 2nd; Blank-Calfornia Potatoes, 3rd; Apples, va- ets, 1st; Black Oats, 3rd; Buckwheat, known; yet carefully conducted experi- appetites and grow rapidly weaker and so safely that I wonder that this dition, unless it could be put off at the while inferior farms are now very W. A. Coburn, Short Horn Bull 2 riety, 1st; packed Butter, 1st; Butter, 3rd; Barley, 1st. rolls, 1st.

Joseph Currie, Crosses and Grades B. N. Goodspeed, Crosses and Breeds, and Grades, 2 years, 1st; Blankets, Ram, 3rd; Yorkshire Sow, 3rd 2nd; Woolen Shawl, Ist.

George F. Gunter, Yorkshire Boar, VITALITY IN SEEDS.

A seed is composed of three parts-

leathery, and at others it is hard and

bony. The nutriment or plant-food is

often laid up in the seed leaves of the

embryo, as in the apple, squash, etc.,

stored up in immediate contact with

it, as in the cereal grains, the horse

chestnut, etc. The material of which

starch, some is albumen, oil, etc. The

various. A large portion of it

the above-mentioned denials.

to be found in the country.

The fact of it is, there seems to be

little positive knowledge on this sub-

ject, even among the best informed

men of the country. Exceptions to

and in others it surrounds it or

the germ or embryo, the albumen

nutriment laid up in the seed

2nd; Crossess and Grade Sow with Stephen Carsille, Fat Pigs, 1st and litter, 1st. J. C. Gilman, Essex Boar, 1st; Mangle Wurtzel, Yellow, 1st; Pump-Frank Goodine, Oxen and Yoke 1st,

> Cotton Quilt, 3rd. James Good, Cheese, Factory, 2nd. Alex. Gibson, Wheat Flour, 3rd: Buckwheat, 1st. W. J. Gibson, Brahma Fowls, 1st

and 2nd; Guinea Fowls, 1st. Gibson Leather Co., Top Carriage, 1st; Waxed Calf, 1st. John C. Gibson, pair to Carriage,

Luther Goodspeed, Cheese, 2nd Corn Meal, 1st; Cotton Quilt, 2nd. James Good, Work in Linen, 1st: John Harper, Short Horn Bull, 3 this plant food is composed is quite years old, 1st. S. S. Hall, Jersey Bull, 3 years

length of time seeds will retain their John Harvey, Grade Heifer Calf, cumber 2nd prize; Bush Beans, 2nd 2nd; packed Butter, 4th; Cloth, 2nd. vitality depends somewhat on the Wm. Hazelhurst, Iron Plough, 1st; nature of this material. Seeds con-Cooking Stove, 2nd; Hollow Ware, taining much oil are supposed not 1st: Ornamental Iron Work, 2nd. to keep well, for the reason that Joseph Hawkins, Double Mould Plough, 1st; Harrow, Wood and Iron.

Miss Kate Hudson, Siik Embroid-Jas. D. Hurley, Ladies' Boots and 2nd prize; Crosses and Grades Sow, Apples, 2nd prize; Butter in Crocks; Shoes, 1st; Mens' Boot and Shoes, Geo. Hildebrand, four oared Shell

James Henry, Timothy, Seed, 3rd Carrol Bros., Wheat Flour 1st prize. Hooked Mat, 2nd; Wool Mits, 3rd. C. B. Harrison, Leicester Ram J. G. Brown, Stallion 3 years old, prize; Flannel, 1st prize; Cloth, not Lamb, 2nd; Leicester Ewe Lamb, fulled, 1st prize; Knit Sontag, 2nd 2nd; Leicester Ewe 2 shear, 1st; Leicester Shearing, 1st; Pen 5 Ewes Annie Carman, Patchwork Quilt, 1st; Carrots, 1st; Parsnips, 1st; Mangle Wurtzel, Globe, 1st; Purple Lawrence Donovan, Stallion, 2 years, Top Turnips, 2nd; Early Horn Car-

> Mrs. James Harrison, Knit Drawers, Miss Ellen Hunt, Berlin Work, 2nd J. A. Haller, Indian Corn, 2nd. William Harper, packed Butter, and positively denied by equally good if grain. A. D. Hartly, Woolen Quilt, 2nd. Mathew Hutchinson, Cotton Cloth,

Mrs. G. L. Hatheway, Citron Melnot fulled, 2nd. Mrs. E. M. Hazen, Landscape in Oil,

Paintings in Water, 2nd; Pencil James Johnston, Grade Bull, 2nd Crosses and Grades, 2nd. E. S. Jarvis, White Oats, 1st; Black

Oats, 2nd; Rough Backwheat, 2nd White Buckwheat Meal, znd. Geo. A. Johnson, Bees Wax, 1st. Misses Jack, Crochet Cotton, 1st. Miss Jacobs, Illuminated Texts, 1st

Miss Annie E. Jack, original Pen Drawing, 1st. Wm. E. Kerr, Grade Bull Calf, 1st; Candles, 2nd; White Peas, 3rd; Rock Potatoes, 1st.

Crayon Drawing, 1st.

Mrs. Killner, Coop for Hens, 1st Wool Socks, machine, 1st; Cotton Socks, machine, 1st; Point Lace, 1st; Knit Shirt, 1st. Kelly & Murphey, Open Waggon,

Joseph T. Dunphy, White Peas, 1st Sleigh, 2nd; Trotting Sleigh, 2nd. Trunk, 1st; Wood Trunk, other cover, the seeds being conveyed to the place

General Kilner, English Squash 1st James Kilpatrick, rancy Knitting, 2nd; Knit Garibaldi, 1st. Miss Celia Kenny, Double Zuineas, If some of this soil were taken from a

Alfred Letts, Stallion, 3 yrs., 2nd Jas. Lister, Stallion, 2 years, 2nd. John L. Leighton, Grade Bull, 3d;

J. F. Lawton, Mill Saws, 1st. Geo Leek, Carrots, 1st. Edmund Love, Patchwork Quilt, 3d. such demonstration is furnished, there

Lemont & Sons, Indian Work, 1st. Daniel Murphy, Stallion, 2 yrs, 1st. Robert Macklin, Filly, 3 years, 2nd. Murray Bros., Short Horn Bull 3 kies, 1st; White Carrots, 1st; Carrots

David Morrow, Ayrshire Bull, 3rd; Miller & Gaynot, Canned Lobsters

Belgian, 1st; Beets, 1st.

Pen 5 Ewes 3rd; Yorkshire Boar 1st; J. B. & A. M. McGee, Cochin Part-

idge, Ist; Game Bantams, 1st. John McGee, Jersey Heifer, 2nd. Robert Miller, Cotton Cloth, 2nd. John Mealey, Tinware, hand, 2nd. J. C. Manzer, Winter Wheat, 1st packed Butter, 1st John C. Murray, Carrot Seed, 1st

G. J. Maunsell, Potatoes, greatest Mrs. G. J. Maunsell, Limerick Lace,

J. W. Miles, Turnips, 1st 1st; Scotch Needle, 1st

J. C. McDevitt, Mare and Foal,

Hugh McMonagle, Ayrshire Bull.

Fowls, 1st; Bolton Grays, 1st.

or under what circumstances seeds will We have lost three fine flocks in years shovel. I have often admired the without starting the laying on of fat nourish the young plant till it is able to procure it from the soil and air, and the seed-coat. This last is often vitality of seeds. double. It is sometimes coriaceous or

horse's stomach, this animal should be mixed with the food, but by the dug by a skillfull Irishman looks as period if it can be avoided, since ex- an easy matter to administer medi- onion bed. perience teaches that at the end of a cines in this way, as the birds have few hours his stomach is empty, and little or no appetite. the whole frame become. exhausted, while the appetite is frequently so and healthy looking turkeys at the want the tubers to come out of the

sented to him, it will not be taken. the same way. Though these sup- feed in the middle of the journey, the are particularly fond.

not better authority. Though such still more in want of food, The gatherings. - New England Farmer. Similar to the above are the reports proper feeding of horses necessitates of the sudden springing up of a heavy | the careful study of the peculiar congrowth of forest trees on land that stitution of each animal, to ascertain had been lately cleared the new growth whether the average quantity and miles of the spot in the history of the will be enough or too much for him. weeds, new to the locality, that have ible rule can be followed in all clases. Bugs and blight, in many parts of the and the leading idea of it. servations have been made with that kept at work, while those articles of in which not only young, but old and mistake, but could not help laughing humanity is more than repaid by the critical care that would exclude all food must be selected for them which experienced farmers handle their po- at him good naturedly. prize; Leather Work, 1st prize; S. N. Knowles, Leather Covered probablity, not to say possibility, of have a tendency rather to confine the tatoes. Many still dig with a hoe, When potatoes are first put into condition of the animals. I have in very recent times. What we need and watchfulness are absolutely were fighting an enemy, instead of odor. To absorb this, and also to daily, more than seven months after is such an investigation of these facts necessary in the economical manage- harvesting one of the most precious exclude the light and air, it is a good calving. Their food is pasture only, as will exclude all probability of error. circumstances that would prevent the profitable. The shrewd, keen owner potatoes may be timely. possibility of seed reaching it from of horses, who depends upon his own In the first place, the crop should lime. Potatoes will pay this year for any extraneous source; and then if the investigations, soon learn that some not be touched till the weather is cool more careful attention than they complants appeared, it would amount to a animals will perform an amount of and the land dry. Potatoes are better monly receive. demonstration that the seed had lain dormant for many years. But until will be doubters, and, among the most to retain, and which to dispose of, uniform temperature, and this they intelligent persons on such subjects,

> England Cultivator. RAISING TURKEYS.

what seem to be established laws in DISEASED LIVERS. regard to the vitality of certain species of seeds are appearing so frequently Twenty-five years ago, almost as to almost shake our confidence in every large farmer living not too Wm. Segee, Leicester Ewe, 2nd; all teaching on the subject. Some near to neighbors, was in the habit not pay half price for potatoes that that time. When the animal is aged, had to be reduced materially before a kinds of seeds, as the magnolia, that of keeping turkeys. They were a had been thus exposed to the sun and the name of nature feiling bowless of nature feiling bowless. are supposed to retain their vitality great help in the way of destroying air for a week. This tubar was made only a very limited time indeed, have, grasshoppers, crickets, and other to grow in the earth and remain She cannot lay on the fat as in earlier England and Scotland, has, during the under certain circumstances, grown injurious insects which prey upon the covered with earth till wanted for use. days, and at the best, the profit in last two years, principally the last well after several years, thus proving crops of the garden and field. They By leaving the crop in the ground till producing it, even if she rounds up twelve months, fallen three or four our knowledge of their nature to be usually roosted on trees near the the weather is cool, we avoid no knowledge at all. The prolonga- farm buildings, and after the first danger of rot. If there is any tendtion of the vitality of seeds depends few weeks from hatching, gave very ency to decomposition, it is sure to be on the nature of the constituents and little trouble to the feeder, and af- hastened by exposure to air, and by case, for when the animal is raised show a prosperous or cheering state the coating of the seed as well as their forded a good bunch of bank notes being piled in large quantities. If the for beef alone, the dairy element loses of matters. The decline in the price state of perfect ripeness when gather, for paying off debts which might rot must come, I prefer to have the ed, and the conditions under which come due about Thanksgiving, Christ- decomposition to take place in the Mrs. W. S. Marvin, Crewel Work, they have been preserved. In order mas or New Years. Of late years, field rather than in the cellar. The the discussion. that seeds may have the best possible however, the profits from turkey contamination of the air is bad Daniel McEvery, Stallion, 4 years, keeping qualities, they should be well raising have been very much dimin- enough in either place, but in the grown and thoroughly ripened upon ished by a disease which attacks the house it is intolerable. I have known 8rd; Grade Heifer, 2nd; Belgian the plant, When gathered, they birds at all ages, from the time they many a bin of potatoes to rot from should be placed in a cool, dry situ- are as large as quails till they are being stored too early. This involves Thomas McGarrigle, Filley, 2 years ation, till thoroughly air-dried. They fully grown. The symptoms are not only a loss of the crop, but a loss period of time that would make it im- land rents by and by. Be that as it should then be placed where they may dullness, pale skin on the face and of labor. be as near as possible free from the down the neck, an inclination to sit To make the harvest of this crop insects, are the great agencies for the and a yellowish watery discharge hills. Both planting and harvesting Robert McLean, Gr de Bull, 3 yrs, deterioration of the vitality of seeds. from the bowels. The birds usually can thus be accomplished by horse milk can be obtained without. It so easily let as they formerly were, The limits of the vitality of common live but a few days after these symp- power. A potato digger, rightly field and gar en seeds are pretty well toms are observed. They loose their handled, brings up the tubers so easily ments that will determine precisely till they are found dead on the ground, instrument is not in more common use. option of the feeder-a point which no little sought after, even at less money. Alexander McFarlane, Ram, Crosses what each variety of seed will do near their usual haunts. If they are If the digging must be done by hand I think own efforts can best be conunder all the various circumstances opened, the liver will be found very power, by all means use a sharp Ben. Campbell, Woodstock, Jersey Yorkshire Sow, 1st; Butter in Crocks, Thomas McKenzie, pair Game under which they are likely to be much enlarged, and with numerous pointed shovel, or a broad-tined fork ment, say by a union of the qualities good workable subjects, fully former placed by nature, or under which they tubercles scattered over the surface. rather than a hoe. An Irishman of the Ayrshire and the Jersey-rich rents are still got.

may be placed by art, are still wanted. It seems to be purely a disease of the seems to be a natural digger of the ness with abundance—and aim to in-Any one who will determine, by care- liver, as the other organs in most soil, and Patrick left on his own crease the digestive assimilating ful experiment, just how long and cases, present a normal appearance. choice always uses a long-handled qualities, so that the production of retain their vitality, and under what past, by this disease, without know- skill with which he ru. ones they will lose it, will throw ing any cure or preventative, and shovel under a hill of potatoes, and Short-Horn. We already have our needed light on the question of the many others in various parts of New resting the handle on his knee for England, have had a similar experi- fulcrum, lifts tubers and earth to-

Owing to the small size of the believe, have been recommended to soil of a potatoe patch that has been

While looking at some fine, large Muddy potatoes are a nuisance. themselves. Many reports that have horses are driven fifty or sixty miles action in the digestive organs. We have pretty generally learned ditions seeds will retain their vitality one is taken at the rate of six miles authority of Mr. Morse. Since potatoes need careful handling.

posed facts have been reported on time devoted to such baiting being If any of our readers have been through a shute, on which they are meal for two months more. They very respectable authority, they have easily made up by the increased successful in treating the above des- thrown with a vengeance, and allowed were ready for service at four months. been called in question, and even energy that would be supplied by the cribed disease among turkeys, we should be glad to hear from them No wonder that the tubers wilt and With the same fair winter keeping The human stomach will bear through the columns of the Agricult rot after such a bruising. a fact, if it be a fact, should be certain- hunger far better than that of the TURIST, for it would certainly be a ly susceptible of undoubted proof, it horse, and if the driver feels his apserious calamity to have these indis- found in pits dug in dry ground. I in and did well, and are now giving does not seem that the proof is forth- petite pretty keen, he may rest as- pensable centre pieces banished from have never had them come out so from five to seven quarts of rich milk coming, even under the stimulus of sured that the animal before him is our Thanksgiving and Christmas

HARVESTING POTATOES.

labor far greater than others, while off in the ground so long as the merthriving under a far less quantity of cury runs up to 70° or 80° during the food; hence he soon determines which day. They keep best in a cool and leaving to the careless and indifferent do not get in the cellar, if dry, before individual the ownership and feeding the last of September. Indeed, we of the unprofitable specimens.-New often have a week or ten days in the fore part of October so warm as to damage potatoes when piled in a light they of as much importance as one ably exceeded. That has not been and airy cellar. I have seen them stored on the barn floor or in an open shed at this time of year, the farmer waiting for a convenient season to carry them off to market. I would

ence, and have consequently aban- gether, scattering the latter evenly There is a prospect that this can and doned the raising of these choice over the ground, and adroitly collect- will be done. There are cases among birds. Charcoal and sulphur, we ing the former in little heaps. The the Jerseys now that fail but little, it never be allowed to fast for any long time the disease shows itself, it is not though it had been prepared for an

digging should be done in dry weather impared, if he is kept fasting for a Vermont State Fair, and discussing ground dry, so that they can be long period, that, when food is pre- methods of raising, with Mr. Charles housed immediately, If they must Morse, of Plainfield, he stated that be left on the field exposed to the sun If a horse is required to travel a he had been very successful in treat- all the day, in order to dry off the long distance, and the journey must ing this disease by giving red pepper, adhering mud, it is a damage to them. be accomplished without stopping to cinnamon, and rhubarb, in the form Neither must potatoes be thrown their oleaginous contents soon become bait, it exhausts the horse less to in- of pills, which can be easily given to into a wagon as though they were 1st; Cultivator, Iron, 1st; Roller of rancid. The manner in which they crease the pace up to his best average the fowls, whether they have an ap- senseless stones. The skin of a young are put up, and the conditions under gait than to permit a slew gait, con- petite or not. The rhubarb is potatoe is delicate and easily broken. which they are kept, have probably suming a much longer time in going physicking in its effect on the bowels, This skin has a mission to perform. more to do with the keeping qualities over the ground and on an empty while the pepper and cinnamomon It is of a corky nature, and keeps the of seeds than the contents of the seeds stomach. In other words, if two warm up the birds and stimulate juices from evaporating. Farmers gained extensive credence, if true, go under similar conditions as to the have had no experience with this handle apples carefully, but they do to prove that under favorable con- weight they have to draw, and the treatment, but give it wholly on the not so commonly understand that indefinitely. Some years ago it was an hour, which will keep him fasting turkeys have become so scarce upon cut or bruised potatoe is half spoiled, reported that some peas had been found from eight to ten hours, while the our New England farms, grasshop- and should not be sent to market. in an Egyptian tomb, one of which other has travelled fast enough to do pers and crickets have increased to The common practice of shoveling was successfully grown, thus introductit in six or seven hours, the latter an alarming extent in many localities. them with a steel scoop shovel is ing a new and very superior variety will be less exhausted than the former; Whole fields of grass are sometimes barbarous treatment. If they must of pea. An excellent variety of wheat though, even in this latter case, the eaten by grasshoppers, especially the be shoveled, use a wooden scoop. No were fed on fresh milk for three was also said to have been found in horse would be all the better for a second crops of clover, of which they less damaging is the practice of un-months, and then were kept on pastloading potatoes into the cellar ure, and fed skimmed milk and oat-

A correspondent of the Country coolest and darkest corner, and make unremunerative keeping. As far as being of an entirely different species quality of food, which will suit the Gentleman makes the following excel- the bins as air-tight as possible. I cal- size goes, these are certainly as large from any that had grown within many majority of horses doing similar work, lent observations on the process of led on a young farmer a few days since, and perfect as most two-year-olds of and found him making a potatoe-bin the same breed. country. The sudden appearance of As in the human subject, no inflex- The potato crop this year is light. in a light and airy part of his cellar, in some cases appeared on the soil The requirements of horses vary not country, destroyed the tops before the was to get a good circulation of air the pasture, to which cows can resort thrown from wells and ditches, has only in constitutiona! differences, but tubers were half grown. Hence the around his potatoes. It was built to avoid flies during the heat of the led many to believe that the seeds also in the work for which they are greater need of securing this crop away from the cellar wall, with cracks day. Or better yet, stable them in from which they sprang had laid designed. Again, some washy ani- in the best possible manner. It may between the side and bottom-boards the morning after milking (thus buried in the soil for many ages The mals pass their food through them so seem a very simple thing to dig and the latter being raised a few inches economizing manure), and give one frequency of these reports seems to quickly that they do not absorb store potatoes, but there is a know- from the cellar bottom so as to admit good feed of mowed grass-Hungarian impress the mind with the idea that from it one-half the nutritive elements how to this, as to every other opera- the air. As he was brought up in or clover-or corn fooder at noon, and there must be some truth in them; contained in it. Such horses, how- tion on the farm. I have often been the city, and this was his first summer's return them to the pasture after milkbut it is true that none of these ob. ever, must be fed largely, if they are pained to notice the wasteful manner experience on a farm, I excused his ing in the afternoon. A little such

bowels, than to relax them. Care and cut and slash the tubers as if they the cellar, they exhale an unpleasant Jerseys giving ten to twelve quarts ment of horses, and to the acquire- articles of food; a thing of life too, plan to cover them with a little dry but I think their treatment has much ment of such remunerative results as and sensitive to every wound. A few sand; and if there is any tendency to to do with this long-continued and will alone make their ownership suggestions, therefore, on harvesting rot, this can generally be counteracted steady yield. by a sprinkling of dry air-slacked

MILK AND BEEF COMBINED.

The following excellent observations on the above subjects, are made by a correspondent to a United States

agricultural paper :-Combined milk and beef properties would suppose from the discussions a case for two or three years back, about them? Even with the two pro- notably for the last twelve months. perties present in the highest degree, Numerous properties, after been fully well have only a milk breed during upset price, which in not a few cases the powers of nature failing-how well in flesh, is small. Are we not over-estimating the importance of the period, is the only advantage in the five years' purchase. This does not its force, not being required. It is of land need not have been quite so

ROOK AND JOB PRINTING

of all description

EXECUTED ON MODERATE TERM

The number of weeks an advertisement is to be inserted should be clearly stated. When ordered out, and charged the full time it ha

is sharp to arrest and lessen it as with the dairy cow, combining the properties described above in the highest degree. hen we already have a basis. What more does it need but increase in size and capacity. The field certainly is an encouraging one, particularly when I have already intimated that the we note that their is already an improvement of a flattering character

EARLY BREEDING.

A farmer of Vermont, who had read communication in the Country Gentleman from a certain Dr. Salmon on he subject of breeding dairy cows, which corresponded with his own ideas on the subject, gives his experience to the same journal:-

Dr Salmon contends that early maturity developes the milk producng organs, and that breeding young has no injurious effect on the size of the future cow. Last year, being strongly of that opinion, I selected my two best heifer calves-dropped on March 19th and 30th-from my valuable full-blood Jersey cows. I determined to have them served at about six months old. notwithstand. ing the protest of older and more exto fall some distance into the bin. In October last I sent them to bull. they did fully as well as others (not The best storage for potatoes is served), and early in July, both came sound and fresh in the spring as when -a fair quantity for any Jersey with stored in sandy or gravelly soil. The first calf. Their udders are beautisame is true of most roots, and indeed fully developed, and I am confident of cabbages and apples. If they they will both make superior cows. must be put into the cellar, select the I thus save the extra cost of one year's

FALL IN THE VALUE OF LAND.

The ordinary newspaper reader

says the North British Agriculturist

can scarcely have failed, to observe how frequently, during the last year or two, landed property coming into the market did not find a purchaser at the upset price. Several years ago. as a rule the upset price wrs not only in a cow may be describle, but are speedily realized, but often considerlife of the animal while a milker: as advertised, found no bidders at the much is she worth after that for beef? market value of landed property in two? Beef, at the end of the milking people say that the fall has been about at the end, that can be considered in great. There has been not much reduction of rent; but the steady in-How, the union of these two ele- crease has undoubtedly sustained a ments-beef and milk-can be secured check. That has, doubtless, not in its highest degree only by increased escaped the notice of intending purchimprovement in capacity than it is acres of land, who may have possibly possible perhaps to secure short of a calculated on a considerable fall of practicable, if indeed it con be reached may, there has not latterly been one at all. And were it a plished, applicant for landed property in the ous and expensive an undertaking? market for six that used to be. A There is no necessity to have a fat similar remark applies to the tenmilch cow when the same amount of ancy of land, Farms have not been would not be desirable. And to feed and where rents were high before,

would necessarily include this fat con- previous rates have not been obtained: I think our efforts can best be employed in pushing the milk improve-