ST. STEPHEN.

St. Stephen, Aug. 6-(Special)-What courred at Milltown this afternoon. A fire started in a small building where boom wedges are made and which is situboom wedges are made and which is situated near the upper bridge and surrounded by a large number of wooden buildings. The wind was blowing strongly at the time and quite a number of buildings, including the customs house, were on fire at one time but, by the united exertions of the fire departments of both towns, the fire was confined to a small area and only three or four of the small buildings were destroyed. The loss will probably be \$500.

A large excursion went on the steamer Viking to the Island this morning. On the return trip a young lady belonging to Calais, who had been camping out along the American shore, signalled to be taken aboard the steamer and with a lady friend started for the Viking. When close to the steamer some person shouted "all rocking for the purpose of investigation in the island went over this afternoon for the purpose of investigation, and to see if they could find any relic of this strange phenomenon.

A party from the island went over this afternoon for the purpose of investigation, and to see if they could find any relic of this strange phenomenon.

A very pleasant surprise party was tendered Mrs. Samuel Souther on Monday, by a number of her friends, and it being her birthday, they presented her with a beautiful rocking chair.

Walter Peters spent last week at San Sousa comfortably filled with passengers, who greatly enjoyed the trip. They were met at the wharf by the officens of the Annapolis Royal band, who invited them to play on the new band stand, after which they were treated to ice cream, etc. Mayor Robinson, of Annapolis, presented the sum of the viring and to see if they could find any relic of this strange phenomenon.

A party from the purpose of investigation ing, could find any relic of this strange phenomenon.

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By a number of the friends, and it being her birthday, they pres ated near the upper bridge and surrounded by a large number of wooden buildings. The wind was blowing strongly at the time and quite a number of buildings, including the customs house, were on fire aboard the steamer and with a lady friend started for the Viking. When close to the steamer some person shouted "all tright" and the captain started up. This threw the two ladies into the water, but one had presence of mind to catch the boat. Young Herbert DeWolfe, of this town, who was going ashore in another.

Spending a rew days at San Sousa.

The farmers are all complaining of the country of the potatory of town, who was going ashore in another boat, pluckily sprang into the water and held the lady until help relieved him. The young lady promptly fainted when taken aboard but, excepting for a bad wetting, was all right when the steamer arrived

here this evening.

Owing to an immense run of sardines at Owing to an immense run of sardines at Eastport and scarcity of help in the factories, word was received here asking for 500 men, women and children who will receive good wages. This would have been good news here a month ago but, as the cotton mills will begin graphing on full for Masters. good news here a month ago but, as the cotton mills will begin running on full time next week, there will not be so many people go down in response to the offer.

WHITE'S COVE.

White's Cove, Queens county, Aug. 5--The farmers of this place are about all done haying on the highland, and tomorrow a great many will begin on the intervale, which promises an abundant crop. The long drought will make a very poor yield of late potatoes and buckwheat.

and children, have gone to St. Martins for two weeks.

In a darcessed the congregation, from Josh, 1 and 2. He was followed by Mr. Ross, who spoke briefly. The choir, assisted by A. Mowatt as violinist, rendered appropriate music. The Crangemen returned to their lodge room in procession. The C. P. R. Company are putting up a large residence for the master mechanic, Mr. Ord. The building will be situated quite near the new station, and the style of architecture in keeping with that building.

Mrs. Goodspeed, wife of M. L. Goodwal Neales, and children, have gone to St. Martins for two weeks.

Mrs. Pegrin, of Lowell, Mass., is visiting her sister, Mrs. George C. Armstrong. J. R. Mellean and family have gone to Squirrel Cot for a week.

The wonshipful district grand master, J. A. Magilton, and the grand director of ceremonies, D. Dearness, paid an official visit to Zion Lodge, N. 21, F. & A. M., on Monday evening. Two candidates received the first degree and the grand officers expressed themselves as well pleased with the work. After lodge a supper was service, and the popt House in its best style. Speeches and sengs occupied the evening after justice had been done to the refreshments.

Sussex, Aug. 8—Charles Hallet and the school district is 5 176 han image.

speed, of the statistical department at Ottawa, is visiting her sister, Mrs. George Green, at McAdam.

FREDERICTON.

ate of the U. N. B. is to meet at St. John on Tuesday next to consider the resignation of Prof. Dixon and to make an appointment to the yacant position.

A. H. Morehouse has accepted a position with the Great West Life Assurance pointment to the vacant position.

In the first match of the season of the Stanley Rifle Association, shot yesterday afternoon, the cup presented by Colonel Loggie was won by Lieut. Howard Doug-

At a meeting of the trustees of Victoria

Saturday next and later for the harvest fields of the northwest. Among them will son Dunphy, of Kingselear; Edward Dunphy, Fred. Gilman and Bainsford Balloch, of Springhill; William Aiken, of this city; Leonard Nash, of Marysville; Colin McGibbon and Emmerson Hawkins, of Doug-thé wharf at 8 o'clock.

Harry Fradsham, an employe of the Canada Eastern railway shops at Gibson, and well-known in musical circles in this city, gave his friends a surprise this week by being quietly married at Milltown, N B., to Miss Hovey, of Marysville. Fowler Division, uniform rank, 30 strong, will leave on Monday next for the annual Pythian gathering at Charlottetown, P. E. I.

BAYSWATER.

appearance, resembled a bolt of red hot wife. He has the sympathy of the comappearance, resembled a bolt of red hot iron. It alighted in the water, directly opposite on the Somerville side of the bay, and as soon as it reached the water steam shot up about 20 feet, while the water below, for about three feet in circumferance, was a boiling, foaming mass. A party from the island went over this effective of the number of investigate.

Joseph McFarlane, of Somerville, ship-ped (var the Maggie Miller Wednesday, the largest consignment of raspberries this

MONCTON.

for Masters.

Mrs. Henry Chapman, who has the missort to be blind, fell down stairs at her home, this evening. She broke her arm and was otherwise severely bruised.

Some of the doctors whose bill for attending smallpox patients during the erecent epidemic in the lower end of Westmorland were cut down by the municipal are taking leval proceedings to linest when the children of Mrs. and Mrs. council, are taking legal proceedings

McAdam, N. B., Aug. 5—Yesterday the Knolf.

friend Stanley Trueman are spending 445.
their holidays with friends in Sussex. Judge C. N. Skinner was in Sussex to-

day.
J. F. Worth, an Englishman who arriv-Fredericton, Aug. 6—(Special)—The senter of the U. N. B. is to meet at St. John

HOPEWELL HILL.

Hopewell Hill, Aug. 6-Repairs to the public hall at Riverside are about com-At a meeting of the trustees of Victoria Public Hospital lust evening, the mayor presented a photograph of an ambulance wagon in use at the Boston City Hospital. Eight of these ambulances are in use at the Boston City Hospital and they cost \$575 each. President Randolph requested the committee represented by the mayor, to at once order one at his expense for the Fredericton Public Hospital.

Fredericton Public Hospital.

Fredericton Question Agn. 7—(Special)—A party of 14 ladies and gentlemen from St. John, chaperoned by Mrs. Stephen Hall, arrived here this evening, having made the trip here this evening, having made the trip latter and the control of the kind in the handsomest edifices of the kind in the lower was destroyed by fire on Monday. Children playing with matches was the country. The work was done by Concluded in the handsomest edifices of the kind in the kind in the kind in the kind in the handsomest edifices of the kind in th Fredericton Public Hospital.

Fredericton, Aug. 7—(Special)—A party of 14 ladies and gentlemen from St. John, chaperoned by Mrs. Stephen Hall, arrived here this evening, having made the trip from Woodstock in canoes. They left Woodstock on Saturday and report having had a most enjoyable outing. They intend camping below the city this evening, and will continue on their cruise to St. John tomorrow.

James Pringle with the party of the buildivory trimmings, and presents a handsome appearance. The interior has been sheathed throughout, the walls with narrow spruce sheathing, and the ceiling with birch veneer panelling from the West liver wills. The platform has been en larged, and a gathering erected over the entrance. The repairs had cost between two and three hundred dollars.

Maries Pringle, who served in South Africa with "G" Company, first contingent, was married at Stanley this afternoon, to Minnie, daughter of Rev. J. L. Mullan of that place. The ceremony was performed in St. Peter's kirk in the presence of a large number of guests. The happy couple will drive to Fredericton this evening.

Rafting operations at Douglas boom are about at an end for the season. The Fredericton Boom Company have up to the present rafted about 90,000,000 feet.

Private C. A. Morash, of the R. C. R. I., received a telegram this morning, telling of the death of his brother, Thomas T. Morash, who was killed yesterday upon a railway in Connecticut, upon which he was brakeman. He belonged to Halifax, N. S.

will leave here on Saturday for Manitoba. Rain is badly needed. Crops will be a failure if the dry weather continues.
Greta Rubins, who has been so dangerously ill, is now considered out of danger.
The Methodist Sunday school picnic will be held at Mr. J. O. Vanwart's next Tues-

REXTON.

Rexton, Kent county, Aug. 7-We are experiencing the worst drought in the history of Kent county. We have had practory of Kent county. We have nad practically no rain since the snow left us. In fact there has been scarcely any rain since last fall. Hay was a very light crop and grain will be still lighter. There is no after grass and cattle are having a hard time. Many of our wells are going dry.

There are several cases of typhoid fever here and in Richibucto. The many friends of our genial parish court commissioner, BAYSWATER.

A singular incident occurred Monday afternoon about 3.30 o'clock, which simply azed those who witnessed it. While a beccasis Island, were bathing along sland shore, they observed, cropping from the heavens, something which, in

number of men.

The machinery men have apparently done a good business in mowers and rakes, but the demand for reapers and binders

A special session of the supreme court opened here this morning.

Digby, Aug. 8—(Special)—A narrow escape from drowning occurred yesterday afternoon here. Ex-Commodores Edgar Fairweather and Fred Heans, of the R. K. Y. C., St. John, accompanied by George Waring, chief engineer of the St. S. Prince Rupert, started to row out to the racing yacht Regina. The boat that Mr. Waring had secured proved too small and Mr. Heans gave up the trip. The other two gentlemen left the shore and when in about 20 feet of water their boat upset. The men were rescued by Mr. upset. The men were rescued by Mr. Heans. The three returned to the Rupert

Amherst, Aug. 6—(Special)—A very pleasant reunion took place on the 4th inst., when the children of Mr. and Mrs. The long drought will make a very poor yield of late potatoes and buckwheat.

Rev. C. W. Townsend, of Hillsborough, will preach at the Narrows this evening, in the Baptist church, and on Tuesday evening the will give his lecture entitled Marriage and Giving in Marriage. The lecture is in aid of the Baptist parsonage

J. A. Flett, vice-president of the Labor for the first time in 22 years. The family consists of eight boys and one daughter, and, with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. Morrison spent the day together for the first time in 22 years. The family consists of eight boys and one daughter, and, with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and with the exception of one who died in infancy, the family circle was complete. Mr. and Mrs. and Mrs. and Mrs. and Mrs. and Mrs. son, who resides at home; Murdoch, sta- took place yesterday afternoon, service betion agent C. P. R.; John, of R. C. Fuller Knolf.

Mrs. Neales, wife of Rev. Scovil Neales, and children, have gone to St. Martins for Co., Amherst; Kenneth, with Douglass & Co., Amherst; Kenneth, with the Domin-

Amherst, Aug. 8—(Special)—A young man by the name of Trenholm, living on the Tyndall road, three miles from Amherst, was today seriously injured by the bursting of an old muzzle-leading gun with which he was shooting. Pieces of the barrel struck him in the face, shattering the nasal bones. He was brought to Am-

herst for medical aid.

The residence, outbuilding and contents owned by Alfred Garrett, of Shinimican, were totally destroyed by fire last night. The fire was started by einders from the brush fires which are raging in that vicin-George McKay's residence at Port

The fire brigade, called out by an alarm found the barn, including a loft of hay found the barn, including a loft of hay, horse, harness and wagon was burned to the ground. The family in the house were awakened by neighbors, being unconscious of the danger. No insurance. The fire was the work if incendiaries. Recently Mr. McKenzie was assaulted by one of the town rum sellers, and the latter was fined at the police court. Suspicion rests on friends of the rum seller, but no clue has, as yet, been discovered by the police. has, as yet. been discovered by the police William Corbin, of Kentville, was killed William Corbin, of Kentville, was killed at Port Hood today. He fell from the trestle work of the Port Hood Coal Com-pany's pier to the crib work below and fractured his skull. He leaves a wife and two children.

For St. Louis World's Fair.

St. Louis, Aug. 7-The world's fair executive committee held a meeting today. The time was spent in framing regulation to accompany the proclamation to be sued by President McKinley, inviting the nations of the earth to participate in the Louisiana Purchase Exposition and to appoint representatives thereto.

Sister Fatally Burned.

Newburg, N. Y., Aug. 6-Sister M. Genevieve, of the Order of St. Dominic, died yesterday at Mt. St. Mary's Academy from the effect of burns accidentally received last night when her robe caught fire from a candle. She was 50 years old and cam from France about 15 years ago.

Coal Trust Will Be Completed.

Chicago, Aug. 6.-As a result of a secret meeting of the finance committee of the proposed national coal combination with a capitalization of \$300,000,000 held here

OBITUARY. Mrs. Mary Lang.

wife. He has the sympathy of the community.

Our saw mills are all running on full time and furnish employment to a large number of men.

The death occurred Tuesday of Mrs. Mary Lang, wife of William Lang, of Barker street, North End. Mrs. Lang had been ailing but a week. Deceased, who leaves a husband and one child, was number of men.

Mrs. John Sharp.

At Salisbury, July 20th, the death occurred of Mrs. John Sharp, aged 55 years, leaving a hurband and two children to leaving a hu band and two children to mount their great loss. Pneumonia caused her death. Mrs. Sharp was baptized into the First Salisbury Baptist church, when a young girl, by Rev. John Williams. She was highly respected by all who knew her, beloved in her home, and an honor to the church, of which, for so many years, she was a faithful member. The bereaved family have the sympathy of the community in

Rev. William Jaffrey.

Fredericton, Aug. 6-Rev. William Jaffrey, of St. Mary's, died this afternoon. He had been ailing from the infirmities of old age for some time, though he suf tered no pain and bore his illness with quiet resignation. He was conscious until the last. The late Rev. Mr. Jaffrey was

February, 1821. When a young man he came to Fredericton and after school days entered holy orders. He was consecrated deacon in 1846 and was in the following year ordained priest by the late Bishop Medley. St. Mary's was his first and only parish and he remained rector of it until 1888, having been in charge of the par ish for 42 consecutive years. He was one of the oldest Church of England clergy-men in the diocese. At the time of his ordination and for many years afterwards the parish included Stanley, Douglas, Newcastle, Maugerville and Grand Lake as well as the territory now embraced in the

parish of St. Mary's. He was very active and hard working and was known and beloved by the people of all classes from one end of the parish to the other.

When Rev. Mr. Jaffrey came to St. Mary's he boarded with a family named leavest whose leaves are on the site of Jewett, whose house was on the site af-terwards purchased by him and upon which he erected the present residence. Fredericton, Aug. 8—(Special)—The funeral of the late Rev. William Jaffrey The obsequies were very largely attended and several clergymen of the Church of England were present. Interment was made at the church yard at Lower St. Mary's.

from Blackburn, Lancashire, England, to-dry, announces the death there yesterday, of Prof. John Martland, for 30 years superintendent of the boarding houses and one of the classical masters of Upper Canada College. Prof. Martland was 73 years of age and went to Brighand a few weeks ago on a visit to relatives.

Amherst, N. S., Aug. 7—(Special)—The death of E. N. Sharp, the well-known mining expert, occurred last night at 11 o'clock, after a lingering illness, at the o'clock, after a lingering illness, at the residence of Albent Brownell, of Northport. Mr. Sharp was born at Millstream, N. B. He finished his education at Frederictom University, from which he took a B. A. degree. He then taught school at Apohaqui, Kings county, and among his pupils was Hon. George E. Foster.

Later on he entered journalistic work as a reporter on the St. John Telegraph. He then gave his study to coal mining as a reporter on the St. John Reiegraph. He then gave his study to coal mining and this placed considerable talent as a mining expert. When the Springhill mines were opened, about the year 1873, Mr. Sharp was the one to promote it, the owners then being James S. Hickman, Senator Dickey, Col. Stewart, Alex. Machalla These parties developed the property of the prope farlane. These parties developed the property and built the line from Springhill to the junction, afterwards selling out to a St. John company. Mr. Sharp engineered the deal and selling of the stock. He was the deal and selling of the stock. He was well known in Amherst, and was for some time associated with the late James H. Hickman in various mining deals. The deceased was 54 years of age. He married a Miss McLeod, of Sussex. Her death preceded his by some years. His remains were taken to Sussex today for interment beside those of his wife.

Sussex, N. B., Aug. 7—The remains of the late Edwin W. Sharp arrived this afternoon. The funeral was postponed un-til tomorrow at 10.30 o'clock as the relatives had not arrived.

Mrs. Fanny Hayes. The death occurred in Roxbury, Mass. on Tuesday, of Mrs. Fanny Hayes, widow of Edward Hayes. Mrs. Hayes, who was well known in this city, had lived in the states for 10 years. She leaves three sons and one daughter, all in the United States. The late Mrs. James Morgan, of States. The late Mrs. James Morgan, of North End, was a daughter of the de-ceased. The remains wil lbe brought here for burial Friday.

William A. Adams.

Thomas H. Adams, of the customs house, received a telegram from Boston Wednesday, containing the sad news that his brother, Wm. A. Adams, had died

Mrs. Roman Chamberlain. Bathurst, Aug. 6-The death occurred

suddenly yesterday morning, of Mrs. phen Barnsdale. a bright gathering a moment or two pre and expired before medical assistance ar John C. Smith.

HOW TO USE HEN MANURE. It Should Be Mixed With Soil and

Kept Moist, Not Wet. Hen manure, like Peruvian guano and all other fertilizers rich in ammonia, should not in its fresh undiluted state be permitted to come in imme diate contact with the roets of plants, nor with the seed. The floor of the poultry house should be strewed with land plaster to fix the ammonia and purify the atmosphere. Subsequently the manure should be composted before being applied to the field. Usually for vegetables it should be broadcasted and raked in. For greenhouse use it is nearly always applied in liquid form, sparingly and cautiously at all times, as it has the tendency to "burn" if used to excess, and like all other nitrogenous manures produces leafage rath-

er than bloom. The dung of all domestic fowls and of birds generally has marked manurial properties on account of the large amounts of ammonia and phosphate contained. Hen manure could be successfully used for any greenhouse crop if composted with five times its amount of soil (or better, sods), and to every barrel of manure 15 pounds of pure ground bone and five pounds of sulphate of potash, the whole to be cut down and well fined and mixed before using. The same could be used for vegetable growing in the hills, or could be simply mixed with enough dry earth plaster or rock phosphate to dry it and be spread on the garden and harrowed

All greenhouse crops thrive equally well with the use of hen manure. For the purpose of watering plants the proportion of manure that may be mixed with water varies according to the sort of plant. About one ounce to two gallens of water may generally be used with safety; some plants will, however, bear a stronger solution.

An excellent plan of applying hen manure is to mix a portion with (in any case) several times its bulk of soil or garden refuse, and so form a fertilizing compost which may be applied to almost any garden crop with excellent re- | The covers of milk, butter or cream results. Composts thus prepared become useful in two ways: The powerful the latter and are thus rendered less harmful, and at the same time the de-

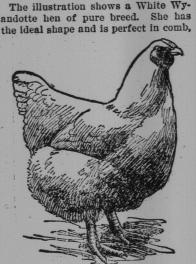
Prof. John Martland.

Prof. John Martland.

Toronto, Aug. 6—(Special)—A cable land and well worked in with harrow or rake, as much as 1,000 pounds per acre may be used. Damage from its use occurs mostly when applied to crops in hill or from lack of rain. We have never seen too much used. The difficulty has been that farmers use too

little of that duplicate guano. If the poultry droppings are collected daily, mixed with an equal bulk of dry dirt and stored in barrels, they will be in excellent condition for use in the garden when required. But the frequent admonition to keep them dry should not be followed. If allowed to become dry in the poultry house, por-tions soon reach an insoluble condition, If collected daily and kept somewhat damy, not wet, they will not lose ammonia and will give better results when applied to the soil. - A. V. Meersch in Farm Poultry.

The White Wyandotte. The illustration shows a White Wyandotte hen of pure breed. She has



wattles, beak, eyes and legs. At 2 years of age her plumage was pure white, showing that she is of the "stay

Crowding on the Perches. Hens will crowd on the roosts even when there is an abundance of room. I believe that this crowding causes them to rest less perfectly than they would if not crowded, and thus their strength and productiveness are lessened. Again, I think this crowding causes them to overheat and thus become more apt to take cold. To prevent these evils there Wednesday morning, at the age of 56 years. Mr. Adams was a native of West End, but had lived in Boston for 20 years, being engaged in the lumber business there. He was a brother of Mrs. Charles deWolfe Smith, of Windsor, N. S. The remains will be brought home for burial. rounds are only a few inches long, a hen will sometimes fly up between two hens and light on top of a round. Ste-

Why not raise a drove of guineas? asks a writer in Farm Journal. Their eggs are as good as hens', and their flesh has the flavor of wild fowl and is popular with epicures. Their danger Amherst, Aug. 8—(Special)—The sudden death of John C. Smith, one of the oldest and most highly respected residents of watchdogs in giving warnings and scaring off prowlers. They are no harder to raise than turkeys and will search they be allowed to underwrite the new organization.

Newspapers generally commend young Cornelius Vanderbilt for accepting a lieutenancy in the militia.

Amherst, Aug. 8—(Special)—The sudden death of John C. Smith, one of the oldest and most highly respected residents of prowlers. They are no harder to raise than turkeys and will glean a living from orchards and fields. The white guineas are preferred by nearly because they are peaceable and more demestic in their habits than the pearls. signal makes them equal to the best



In a profitable dairy cows must be kept clean and in proper condition. Curpowdered muck, or woods earth, or ry regularly. Cows should never be milked outdoors when raining, as the dirty water runs off the cow and would likely drop in the milk pail, says a Maryland dairymaid in Farm and Home. When cows are driven from the pasture under cover to be milked, they should be wiped dry before milking. Whether the cow is wet or not the udder should be wiped clean to remove dirt or loose hair, which too often falls into the milk.

Milk should be strained through a sieve into clean, cool crocks. Milk should never be strained into freshly washed crocks, or into crocks that have not been washed. Crocks should be scalded thoroughly and washed and set in the open air. Cream should be skimmed as soon as in a skimming condition. Set cream in a cool, clean, well aired jar, not in a freshly washed, dirty or hot receptacle. Do not put off churning too long or the cream will spoil, especially in summer.

Keep the churn well aired when not in use. Wipe the churn carefully with a clean cloth, then put in the dasher and pour in boiling water, dash around until wet all over the inside, let stand five minutes, then draw water off, put in the cream as soon as water is drawn, and churn until done. When cream is hard to churn, a cupful of boiling water is often helpful. Wash butter thoroughly and get all the milk out.

The print should be put in a pan to scald with boiling water and then put in cold water. Then stamp the butter and set it in a cool place. The cellar, pantry, springhouse or wherever the milk is placed should be free from all dirt. Fish, cooked cabbage or anything with a perceptible odor, should never be kept near milk, butter or cream. ceptacles should be kept scrupulously clean and after being washed aired in the dairy are ended. of the manure become, when the sunlight. Never use milk from an unhealthy cow.

Best Time to Freshen Cows. There is no room for further discussion of the question as to whether it is more profitable to have cows freshen in the spring or in the fall, says Hoard's Dairyman. It has been tried too often and under too widely differing conditions, and without exception

so far as we are advised, the cow that freshens in the fall will yield more milk in 12 months, and the milk and its products are worth more money. The best plan of all probably is to have cows freshen at different times in the year-say three-fourths of them from September to January and the others at intervals throughout the balance of the year.

Dairvas Buildings

Woldo F Brown in Prairie Farmer has the following to say about cement floors: I write from the standpoint of experience on this subject, as it is now about ten years since I put in my first stable floor of cement, and I had been watching and inspecting cement floors in stables for several years before laying mine. There is no comparison for dyrability between a cement floor and wood floor, as I believe the former will last without repairs for 100 years if made of the best material and properly laid down, while I have rarely been able to get a plank floor that would last ten years, and unless made of the best oak lumber it usually begins to give way in half that time. There are other advantages in the cement floor besides its durability, one of which is that by its use all of the liquid manure is saved, and another and still more important is that there will be no foul odors in the stable with this kind of a floor, for the cement will not absorb a particle of urine, and if cleaned as it should be every day and a little fresh bedding added the air of the stable will remain pure and sweet. What I say applies only to floors made of portland

Bad fences have been a trouble to every rural community from the earliest history to the present day. Neighborhood rows and feuds and aggravating litigation and even bloodshed have resulted from defective fences. Wooden fences, whether of rails, poles or boards, are a standing menace to the public peace wherever they exist, and but little better is a wire fence that does not effectively serve its purpose. There are nowadays a large number of patterns of wire fences ready made and sold in rolls ready to be unrolled and nailed to posts. Some of these are good, and some are better, and some are almost perfect. A really good wire fence may cost more to begin with than a wooden one, but on account of its durability alone it is far cheaper.

Dark Stables. Dark stables are as injurious to cows or horses as a dungeon is to a man. It is the basement barns for milk cows that have developed tuberculosis to such an alarming extent. In the southwest there is no necessity for base-ment barns, and as far as we know they do not exist, says Farm and Ranch. But we have seen many stables that were almost as dark as Egypt on a cloudy day. These may not be so bad as basements, but they are bad enough. Sunshine is nature's great vitalizer and disinfectant, and men and animals should have it in large quan-

GENERAL PURPOSE COW.

Dairyman Who Pins His Faith to the Holstein-Friesian. In an address delivered before the Kansas State Dairy association Mr. W. J. Gillette of Wisconsin said of the

Holstein-Friesian: The dairyman must bear in mind that 50 per cent of the increase of his herd will be males and must be disposed of as veal. And here I venture the statement that, as a rule, the Holstein-Friesian calf at birth is the largest calf in the world, those of none of the beef breeds excepted. This fact, together with its thrift and qualifications to take on flesh, makes it a very desirable

and profitable animal for vealing pur-Touching upon this subject, W. S. Carpenter says: "In my experience of seven years in the packing house markets and from various other sources I find that the Holstein veal calf is considered one of the finest and most profitable carcasses to place upon the block." Of the other 50 per cent increase of the herd 17 per cent will prove for various reasons undesirable

for dairy purposes and must be consigned to the block. Now, we do not claim that we have the best beef breed, but we do claim that of the dairy breeds ours is the best for beef, and this from the fact that they are large in size, broad in their conformation and take on flesh rapidly when not in milk.

I do not claim that a first class beef animal and a first class dairy cow can be had in the same animal, but the fact still confronts us that about 67 per cent of the increase of the dairy herd is unfit for profitable dairy work. In-juries to udders, failures to breed, sorting out and many other causes which render the cow undesirable for dairy purposes are constantly making inroads upon the best herds in the land, and it is not far out of the way to say, that the best kept herds are revolutionized at least every ten years; hence give us the general purpose cow. By general purpose 1 mean a good milk cow, a good butter cow, a good cheese cow and a cow that can be sold for beef when her days of usefulness in

SKIMMILK FOR CALVES.

Change From Whole Milk Must Be

Graduated. Allow calves with the cow three or four days or until milk is good, writes a Maryland farmer to Farm and Home. This gives the calf a good start and aids in reducing the fever in the cow's udder. Wean by feeding five quarts new milk per day in three feeds and gradually increase the amount to six or seven quarts. More calves are lost by overfeeding than from any other reason. When 2 weeks old, the calf may be changed to skimmilk, but not faster than one quart a day. The first day give five quarts whole milk and one pint skimnilk, the second day four quarts whole and two pints skimmilk and so on until the change is complete. The amount of skimmilk may be increased gradually, but not to exceed nine to

ten quarts daily per head. Flaxseed gruel may be added to replace the butter fat, made by mixing ground flaxseed in cold water, adding boiling water and allowing to steam a few hours with cover on the pail. A teaspoonful of this gruel is enough at first, but may be increased gradually to one-half pint of the gruel daily per head. Flaxseed is better than linseed meal, since the oil is needed to replace the butter fat. Calf milk must always be fed blood warm, 95 to 100 degrees, and a careful feeder will occasionally test the temperature with a thermometer. Skimmilk not used when separated may be cooled and rewarmed when fed. Sweet milk at one meal and sour at the next causes sours and checks the growth of the calf.

Feeding Value of Skimmilk. Carefully made tests in feeding skimmilk to stock show that five pounds of skimmilk from the gravity system are equal to one pound of grain. If separator skimmilk is used, it requires six pounds to equal one pound of grain. As a general rule, whey is about half as valuable as skimmilk—that is, it requires 10 to 12 pounds of whey to produce, as much gain as one pound of grain. Both are exceedingly valuable for pigs and should be fed in the best ble condition as soon as available. Do not allow either to become sour.

Cottage Cheese. Some people have difficulty in making good cottage cheese and are unable to tell where the difficulty lies, says Tennessee Farmer. Generally when poor cheese is made the milk is too sour or is heated to too high a temperature before being made into cheese. With milk at an ordinary degree of sourness it is necessary to heat to only, 140 degrees before putting into a bag and draining. The higher the milk is heated the drier and harder the curd will be and, we might add, the more

unpalatable. Parturition. Cows that have had several calves get through parturition in about 15 minutes. The more general time is an hour. Sometimes, where there are diffilonger. If copious bleeding super-venes, place a thick cloth soaked in cold water across the loins and keep it

Pasturage Cheap Cow Feed. According to some tests made at the Minnesota experiment station, com paring the cost of producing butter by means of silage and pasturage, the silage is shown to be the more expensive feed, the difference amounting to \$2.95 per acre.

wet by frequently pouring water over