AGRICULTURAL.

BEDDING PLANTS FROM SEED.

To raise a large quantity of bedding plants from outtings and winter them over in greenhouses, is expensive and not everybody can spare the cash. To those so situated, there is a goodly number that for the expense of a five or ten-cent package of seeds, hundreds can be raised with the help of a hot-bed. All of the following can be purchased now with colors nearly true from seed, and with such plants only, if nicely arranged, a good effect can be produced. They are valuable also for variety, house kinds as well. All our park gardenblues, there is nothing better than the pounds of chloride of potash. lobelia, low growing plants, of which spe-

which there is no better plant from seed, little liquid-manure now and then when the are very choice. Heliotrope also may be pots are tull of roots. raised from seed. The verbena is another Is corn fodder good for sheep? asks a cora good pink color.

age, that are good, may be noted the candark foliage, almost equal to a draccena, is he C. Atronigricans. Some of the flowers of the newer kinds are nearly equal to a striped Japanese corn,

THE FARMER'S GARDEN.

Take the country at large, the farmer's garden is a sorry looking sight. The planting of it is frequently left till after all the field crops are in; then it is often neglected | New Brunswick waters last Friday makes a and allowed to grow to weeds, because the very early and unpromising opening of the farmer thinks he cannot afford the time season in this respect. The report of the necessary to keep them out. There are other | Canadian Minister of the Marine and Fish-It is business policy to raise no crop that recalls the Canadian complaint at the outset

POTTED PLANTS

An experienced flourist says: Many amateur gardeners would find that saucers to set their pots in would help them out of many trials with their pot plants, especially with such as are set on dry, airy shelves, for and keeping a little liquid food in them, the work of such frequent watering is reduced, the splashing of plants beneath is overcome, bottom is certainly the best in every way.

LIME ON SOUR SOILS.

Lime applied to sour and unproductive soils neutralizes the vegetable acids that are poisonous to the farmers' crops, unlocks barnyard manures and other fertilizers applied to and found in the soil, and allows them to operate freely; brings nitrogen from the air around and in the soil, and feeds plants with this invaluable plant food, and gives a small part of its overweight dissolved in water to sustain plants.

AGRICULTURAL NOTES.

Isn't feeding a dry cow all winter sort o' drying on the purse ?

Politeness pays in the cow stable. A gentle man gets more milk than a harsh one.

There are one hundred millions of dollars invested in the farms, cows, factories, buildings and machinery, that it takes to produce \$20,000,000 per annum in dairy products in this country.

In Eagland it is claimed the annual agricultural products have been trebled within the last thirty years by the knowledge of better methods which public and private enterprise has disseminated.

The more succulent foods make the more watery milk and oily cream, which churns the easier. Hence ensilage and roots are favorable to butter making, the oils principally giving butter its flavor.

In winter, there should always be on hand Evening Sun. a supply of succulent food, such as ensilage or some kind of roots. These are relished exceedingly, help keep the bowels in good condition, and increase the flow of milk.

which was fine, and was taken by a Canadian operator for through shipment to Liverpool.

Soft feed for chicks is undoubtedly the cause of a great deal of mortality among them. A mixture of cornmeal, old bread, bran and middling, with just enough milk to moisten it, is a good feed and broken rice may be given for a change.

Keep all the dirt possible out of the milk, and do not depend on the strainer to take out dirt. Only hairs and such dirt as is mechanically held can be strained out. What is dissolved will remain in the milk, to foul it and injure its flavor and its keep ing qualities.

The agricultural professors tell us that the raising of 30 bushels of wheat to the acre will remove from the land 51 pounds of as well as an easy way of increasing the nitrogen, 24 pounds of phosphoric acid and quantity, even with such as have the green- 37 pounds of potasb. This could be replaced by 60 pounds of sulphate ammonia, 171 ers make more or less use of them. For pounds of superphosphate of line and 76

BEGONIA WELTONIESSIS IN A WINDOW .ciosa and pumila are good examples. Quite This pretty plant succeeds, an English paper another shade of the same group on the says, under the most simple treatment, and purple order, are the Ageratums. or Mexi- a better subject for a window could hardly can floss flowers, quite compact and useful. be named. The tuberous roots are now dor-Of yellows, but in the foliage and not in | mant, of course, so keep the soil nearly dry the flower, is the golden feather, much used at all times, and just safe from frost. Tofor edges or bands, and of a higher-grow- wards the end of March remove the pots ing plant, the calceolaria amplexicaulis is to the warmest place at command, so as to easily raised from seed. Asters give a large induce them to start into fresh growth. variety of colors, many now exceedingly When the shoots are 3 inches or 4 inches showy; Balsams, or ladies' slippers, those high, shake the old soil away more or less, of red, white, lavender and intermediate according to its condition, and re pot in a shades; Gaillardia picta, yellow and bronze. mixture of two parts light, fibrous loam, Delphinium formosum, a good tall blue, the with one part good leaf mold and a dash of annual pinks, many shades of colors, as is sand. Water cautiously at first, but when the same with the Phlox Drummondi, of well in growth, more freely, and give a

well krown plant, old but very showy. respondent. Yes. If it is good, clean, Nasturtiums have been greatly improved of bright fodder, sheep will eat it well and do late, and now give compact, tree flowering | well upon it. In the West corn fodder has plants of various colors. Petunias are not yet been appreciated. Last year a great splendid flowers for display, from the com- many were driven to save and feed it, and monest old white to the choicest product of they learned its value. But to be valuable the later florists. Countess of Ellesmere is it must be saved in good shape, and fed judiciously to sheep. What we mean by Among plants conspicuous for their foli- that is that, like any other food, they should be given only what they will eat up clean. nas in many sizes of growth and variety of It need not be cut, we reply to our correscolor and foliage. One of the very best for pondent. If it is placed in the rack so that the sheep can get at it readily, they wil strip it of everything that they would be expected to eat. Some of our best flockgladiolus. Acanthus mollis, a variety of masters prize corn fodder for sheep very bear's breech, is a good foliage plant. The highly, and just so far as we can make corn good, as are the castor oil bean, and the save our valuable hay. Stephen Powers | ning of Chinese astromony. says that he knows of no way of so profitably disposing of corn fodder as feeding it to sheep .- [Western Rural.

Another Seizure.

The seizure of an American schooner in gardens besides those of farmers that do not eries had just announced that there was only show up very well in any thing but weeds. one seizure by the Dominion cruisers during Why? Because the little weeds are so tedious | the whole of last year, and that one a triffto pull by hand that they get the start of ing matter, easily settled on paying the exthe plants or vegetables to such a degree penses incurred in keeping the vessel. In that it is almost impossible to pull them the present case of the William H. Toye a without uprooting the latter; so "both grow | fine of \$400 was exacted before her release. together until the harvest," and the weeds | The alleged offence appears to have been a usually-always make the best crop. We violation of the Customs law. The denial never saw a ripened crop of weeds that paid. of the captain that he smuggled goods ashore does not pay, if it is possible to avoid it. It of the fishery dispute. It was urged that is possible not to raise a crop of weeds in some of the crews of our fishing vessels, your garden. If you want to know how to which were in part manned by residents of get rid of it drop a postal card to Deere & Nova Scotia and New Brunswick, were in Mansur Co., Moline, Ill., and ask them to the habit of smuggling American goods for tell you about McGee, and we are sure the use of their families or their neighbours you will thank us for advising you to do in calling at the ports where they lived. This was one reason urged, when the treaty of Washington expired, for exacting strict compliance with the port regulations. The exact merits of the present seizure, however, are yet to appear .- [N. Y. Times.

Tosti, the Song Writer.

they retain the moisture for the lowest roots in a charming flat, which has been almost away from the tables. to feed on, so that there is never any flag. entirely upholstered by himself. He is exging of the foliage or exhaustion of the plant, | tremely clever in this respect, and can make There can be little doubt but dryness at the anything from a chair to a picture frame. root is the forerunner of half the evils that His fingers are as deft with the nammer, beset pot plants, for unless the operator is scissors, and gum brush as they are with the very careful, the low roots are frequently piano. Signor Tosti is immensely popular left dry, while the surface soil looks quite with all who know him. His rooms are wet, and by putting saucers under the pots, hung with autograph photographs of the Queen, Princess of Wales, Princess Beatrice. Duke of Albany, Duke of Connaught, the Queen of Italy, and nearly every celebrated and the outlay is soon repaid. For Spiraea person in society and the musical world. He Japonica, and for bulbs of nearly all kinds, goes every afternoon to sing and play to the the plan of feeding with liquid from the aged Duchess of Cambridge in St. James's palace, and is a great favorite there. The interest evinced in his illness has been something extraordinary. Telegrams and letters from all parts have reached him. The Grand Duchess Paul sent immediately from Germany, and Princess Louise paid a personal visit to Mandeville place to lenguire after him. The reason of his popularity is easily found. Generous almost to a fault, sympathetic, charitable, and genial, he is the best friend in the world. In person he is a miniature Prince of Wales.

Sea-Calming Cartridges.

A cartridge has been invented by Mr. Albert H. Walker, of Hartford, Conn., which when filled with oil and discharged, will pacify the stormiest of seas. The receptacle is of ordinary cartridge size, but is made of heavy paper, and is weighted at the further end with a small piece of lead. It will hold about two ounces of oil. It is fitted in an ordinary cartridge shell, and fastened to it by means of cotton shreds. The cartridge is put into a breech-loader and the trigger is pulled. The cotton connecting the cartridge and the shell is ignited by the powder. it is burned, and the cartridge, filled with oil, is sent spinning away over the waves. Then, at any point the navigator may wish, the cartridge, because of the lead at its head, will sink into the waves. The oil being lighter than the water, rises to the top of the sea and spreads over it like a film over the waves. By means of these cartridges a path an eighth of a mill broad can be made through the heaviest of seas. Seafaring men are much delighted at this invention,- N. Y.

a wire which communicates with a small other. Rudolf talked of literature and is a collector he is "not in."

AS YOU LIKE IT.

A CHANGE OF THOUGHT.

I used to think her dainty form

The fairest ever molded: I used to think no hair like hers Was e'er on sweet brow tolded: I used to think her eyes so bright That every glance would daunt me -How often, often in my dreams

Those peerless eyes would haunt me. I used to think her hands should lift Naught but a queenly sceptre; I us d to think the fairies grieved

Because they had not kept her; I used to think her ruby lips The sacetest ever fashioned, And every syllable they spoke Made me more impassioned.

I used to think that when she came

The very sky grew fairer; I used to think her blushes soft Than Aphrodite's rarer; I used to think the path she trod All a prinkled o'er with glory. And that 'twere almost base to breathe

I used to think her voice like those To favored angels given. I used to think her soul as pure As any found in heaven;

I used to think these things before

To her love's simple story.

Fate grievously misused me-I'd think them now, but she, the wretch A month ago refuse i me.

story. This is, remarks The Chicago Herald, probably the longest lie on record.

Four young men in St. Petersburg in tend riding horseback to the Paris Exhibi They expect to make the trip in 75

Before the wedding day a girl generally overrates the man she is to marry, but she more than makes up for her misjudgment afterward.

The Philadelphia Record thinks that it will take a long time for The London Times to save at the bung hole what it has wasted at this Pigott.

About 2300 B. C., when Emperor Yan I began giving it some fresh milk every day gave the order for the observation of the Brazlian beets with their colored foliage are fodder answer the purpose of feeding, we meridian stars, is thought to be the begin-

> the three suburban poorhouses of Philadel phia are "palaces" in which the poor are maintained in Sybaritic luxury.

Otto Hegner, the musical prodigy, is still adding to his laurels in London. The best critics in that city agree that he is, on the

whole, greater than Joseph Hofmann. It is strange, exclaims The New York World, that some bright American girl does not grasp the fact that she could make a sensation by writing an interesting novel which

was not indecent. A Texas steer lifted a carriage and baby off a street and over a high tence in Denver without the least damage. Indeed, the baby cackled with delight over the performance. and the nurse did not have to stop her flirta

tion with a soldier. The Emperor of Japan is rich. He is al lowed \$2,500,000 a year for his household department, and his private fortune is large and increasing. He thoroughly understands business matters, and keeps himself well informed as to his investments.

While a man at Carlisle, Penn., was run ning a planer his coat-tail got tangled and was fortunately torn off. A bit of wood in his pocket blocked a cog-wheel and saved I went off for a visit and was gone ten To the President and Directors of the Canadian bis life. The wood was a piece of John | days. When I came back little Midget was Brown's scaffold, it is said.

tington have been among the recent regular attendants at the Monte Carlo gambling tables. Randy's American wife sternly disapproves of this sort of recreation, and has Signor Paolo Tosti, the song-writer, lives | more than once quietly led her husband | thing, she came to a tragic but accidental

The new powder, which is now used in the German army for sifting into the shoes and stockings of the foot soldiers, consists of three parts of salicylic acid, ten parts starch, and eighty seven parts pulverised soapstone. This mixture keeps the feet dry, prevents chafing, and rapidly heals sore

The daughter of a wealthy Californian, before going to Europe, made up a telegraph ic code and gave it to her father. He locked it in his desk. Last week he got a telegram from her. It consisted of one word-"Laugh." He laughed and then got out the code, which read :- " Laugh-Send me

asylum for the insane in Virginia sixty-one years ago. Her malady was in some way Adams, who was then President of the United States. Though she had never seen Mr. Adams, Miss Mason talked of no one else from the time of her incarceration up to her death, which has only just occurred. Joseph G. Parkinson, of Chicago, is said America. He is associated with his twin brother, who does not share his disabilities. When Mr. Parkinson was 23 years old he was chief examiner in the Patent office at Washington, a place he held for six years. admitted to practise before the United States Supreme Court. He now ranks as one of the most successful patent lawyers in

the country. A writer who contends that old-fashioned out-of-door games are the best form of exercise for children says: Running makes a trim ankle and a shapely leg, and girls should be encouraged to run as often as possible in old-fashioned games of ball or prisoner's base, which, as it used to be played, left few fibres of the body without stretch and refreshment. The dodging, the feints and sudden dashes for base were good practises in tactics, giving a quick eye and foot and lithe body.

Dear Friends.

According to the "Reichanzeiger" of "the dearly loved friend" of the present the throne while his father is yet alive."

Stories About Cats.

I have often read of cats and other savage preying animals taking care of and nursing with great fondness the young of animals on which they preyed, but not until recently did any such incident come under my immediate observation.

A neighbor of mine had a cat whose kittens were all drowned which seemed greatly to disturb Mrs. Pass and she hunted around very eagerly for her lost babies, but did not find them of course. She did find two little rabbits, though, and greatly surprised her owners by coming in with the little rab bits in her mouth. She carried them to her bed and adopted them as her kitties and they accepted her as their mama and thrived under her care. She would carry them in her mouth just as cats do their kittens from one place to another, up stairs and down stairs until one day, alas! for the little rabbits, in carrying them up stairs, the one time too many for them, she broke the skin accidentally. The taste of blood brought all her savage preying instinct back upon her in full force and she devoured her nurslings them so long we would have thought she would have become attached to them, but it took very little to make her their devour-

Now, here is another incident still more remarkable. I did not see for myself, but the gentleman who told it, and at whose house it happened, did, and he is a man of such strict integrity that his word is above all suspicion. One of his cats lost her kittens A Pennsylvania, wishing to help the and in hunting around for them, came upon hens "bear their yolk," is making artificial a wounded or sick rat, and she adopted it for her lost kittens and took care of it and It took Lecaron fourteen days to tell his nursed it until it got well. In this instance I do not know the sequel, but do not think it ended as tragically as the other, or I should have heard it. I am under the impression that when the rat got well it return-

ed to its own race. Cats are not generally supposed to be en

dowed with a loving nature, but I have see quite many that showed very strong attack ment to their owners and disproved th idea in their own indivividual cases at le Once at my home one of the cats had such tiny morsel of a kitten that I called it Mid get. It continued so small that I felta compa sion for the little creature and thinking the perhapsits mother did not give it enough mill morning and evening, when the mill maid brought the milk to strain, as she soon begun to improve and w The Philadephia Record declares that fat and slick, though not much in size. Sl became very fond of me and made me p her and take notice of her in spite of mysel I was taken very sick soon after I began m attentions to her and was not by to see the she got her fresh milk. I would not hav known that she was not served, but for he running to my room climbing upon my bed an purrfng and rubbing against me. At first did not know what she wanted and kept pu ting her down, but Midget was very persi tent, so I called the servant then, and aske her if she had given Midget her milk an found that she had not. As soon then she had called her, Midget jumped down an ran to get her milk and as long as I was sic if she was not given her milk when it wa strained, she would run to me and tell plain as words could. Now I think this wa very clever in her. She became so attache to me that she would follow be about lik a little dog; go out walking with me, ru ahead of me and climb trees and fence and every now and then run back to mee me. I am not particularly fond of cats general, but I was bound to love this little thing when she loved me so. She did no seem to care for any one, but the sound of my voice was enough to make her happy sistting quietly on the hearth by the fire and Lord Randolph Churchill and Lord Har. I called to her, "Why, Midget?" The little thing sprang to me and jumped in my lap, rolled over and over, reached up to my face and rubbed against it and showed the strongest feelings of delight. Poor little death soon after.

Perhaps another time I may tell of some other animals and their clever and affectionate ways. One thing I am sure of, though, and that is, that the love and devotion of almost any thing can be won by kindness and care for them and are much more useful and tractable than if controlled by harshness, sc, children, be kind to every thing. N. C.

Why Stanley Never Lectured in America

When Henry came to New York in the full flush of his African achievement an enterprising Frenchman made a contract with him for \$50,000 to give a series of lectures Charlotte Mason became an inmate of an throughout the United States. The first was to be given at the Acadamy of Music. from the south coast of Brazil to Greenock, Stanley had just come from Europe, where Scotland, a distance of about four thousand connected with the election of John Quincy he was lionized, feted, and like Talma almost miles. It is the second longest tow on relectured to a pitful of kings. When the | cord. hour approached he peeked out of the hole in the curtain and beheld a yawning chasm had been married fifteen minutes when he of empty seats. He could not understand called her a liar, and clawed one of his eyes it, he grew nervous, asked one of the reporters if his time was correct, and looked conto be the only deaf and dumb lawyer in fused. The French impressario, who also peeked out of the hele, was more excitable. He stamped up and down, damned the apathy of the American people, rubbed his skull cap round in a comical manner, and swore that "dis country vas van sacre chien In 1879 he resigned and soon afterward was of a fraud." After the slimly attended lecture Stanley related his disappointment to Gen. John A. Dix, who was then alive. "My dear Stanley," said the governor, "we have just had four years of war all on accound of Africa and we don't take much interest in that subject, and unlike European powers we have no intention of colonizing the dark continent.' Stanley released the little Frenchman from his contract lodgers were boys who ran away from home and this is the reason why the celebrated and had no real need for its conveniences. explorer never lectured in the interior cities of the United States, and the American public heard not the labial liquid African names of towns and rivers as he pronounced them.

A Costly Business.

The Boston "Transcript" says :- The United States pays \$900,000 a year for its Berlin, the late Crown Prince Rudolf was | weather service, Great Britain \$800,000, Germany, \$56,000, Russia \$65,000, Austria The stairway leading to the office of a German Emperor. A few months ago these \$10,000, Switzerland \$6,000, France \$60,000. professional man in Atlanta is fitted up with | dear friends were in converse with each | And though no European nation attempts to | 589. do as much as we do, or take general obser-A purchase of cheese at Chicago, the bell in the office. Any one going up the science. William then said, insolently, vations more than once a day, the percentage town and takes the name of some influential second week in January, included 4,500 stairway steps on the concealed wire and 'Oh, I don't understand any of that. Such of verification of predictions is rising there, citizen, and claims relationship, and the second week in the second week in this country. Sings the bell. Near the bell is a small dry stuff is unworthy of a Prince. There which is hardly the case in this country. Sirst move the man makes is to give her boxes. Summer made when the alarm is country is a prince. There which is hardly the case in this country. window, and when the alarm is sounded the is," replied Rudolf, "only one thing un. Our weather service, with its great cost and from \$300 to \$1,000 to get out of town and professional man looks out, and if the caller | worthy of a prince, and that is to aspire to | thorough organization, ought to be the best | go hence. She says she makes \$5,000 per I in the world.

THE CANADIAN MUTUAL AID ASSOCIATION.

ANNUAL MEETING,

The eight annual meeting of "The Canadian Mutual Aid Association" was held at the company's office, 10 King street east, Toronto, on Thursday, 24 inst., a good representative gathering being present.

The President, Mr. William Rennie, occupied the chair, and in opening the meeting expressed his pleasure at seeing so many of the policy holders present, and was also specially pleased to see the number of the active agents of the Company present. Great success, he said, had been the experience of the past year. Although steady progress had marked the work of the Association from its organization, yet the past year far exceeded its predecessors in the volume of new business. He attributed this to the growing popularity of the assessment system of the insurance and more especially to the equitable and popular plan of our Company. We issued during the year 1888, new and renewed polic.2s, 1,508, without any compunction. After having representing insurance to the amount of \$2,306,000; the total number of policies now in force being 4.393, representing a total insurance of \$9,017 000. In Reserve Fund there is now in the credit of policyholders about \$40,000. During the past year there was paid out to beneficiaries to the large sum of \$88,776 This system of insurance, he said, evidently filled a long felt want, giving, as it did insurance at such rates as were within the reach of the people who most needed such protection. Our Company aimed, not alone at CHEAP INSURANCE, but rather RELIABLE INSURANCE at REASONABLE COST, and our success is the best evidence of the wisdom of our plan of

The manager, Mr. Wm. Pemberton Page, was then called upon to read the Directors'

n-	the financial statement:	sed	fro	m
n	Assets.			
h- is	Reserve Funds (Mortgages) Cash in Bank and due	\$9	,390 817	02
a a	Amount due from members on assessment to be made	1	,072	13
d-	for claims accepted Furniture and Fixtures	20	,400 366	00 77
at k,	Total assets	\$66	,045	92
y, k-	Claims for death losses -			
id.	Adjusted but not due Due on account of general ex-		,000	
	penses	2	,128	80
et	Total liability		,128	
f.	(Assets in excess of liabilities)	38	,917	00
·t	Income.			
er d	Collected on assessments for the year, annual dues, &c Interest	\$123	,536 ,944	
I		\$125	481	12
t- s-	Amount on hand at begining of year		,887	
d	Total income	\$127	368	57
d	Expenditure.	4.0,	,000	
d	Cash paid for death and disability losses\$88,776 25			
k	Legal expenses 130 33	888	906	58
es es	Commissions to agents\$13,430 13 Cash paid for salaries and			
d	other expenses of officials, including general agents 7,254 00 Other expenses			
e	Postage, printing, etc		195	
88				-
de.	Total expenditure	\$117	,055	63
n e	Amount of eash on hand (in- cluding amount carried to "Reserve and Disbursement			
ot	Fund.)	10	312	94
of	Total	\$127	,368	57
	AUDITORS' REPORT.			

Mutual Aid Association.

GENTLEMEN, - We have carefully audited the books and accounts of your Company, and compared vouchers with expenditure for the year ending 31st December, 1888, and have found them correct. We have also had free access to all bonds, mortgages and other securities held by the Company, and have much pleasure in certifying to their accuracy as shown in the Directors' report.

We find \$23,000 of the funds (Reserve and Disbursement) invested at 6 per cent. \$11,-390 at 7 per cent. and all deposits in banks are drawing 4 per cent.

We would also express our approvel of the very satisfactory manner in which we find the affairs of the Company.

JOHN PETERS, Hastings,

Auditors. JOHN WALES, Oakville, Toronto, Jan. 24, 1889.

EIGHT TERSELY TOLD TRUTHS

An English tug recently towed a ship

Peter Hustings and Anna Smith of Utica, almost out and walked seven miles to her father's house.

Sylvanus Cobb only wanted an hour to lay the plot of a story and place his characters. It would have been harder for him to write a school composition than a serial to run for twenty weeks.

Olive Logan has been looking into the domestic economy of the French, and she ends it to consist in doing without things. She says they make nothing go further than

other people, unless it is talk. Jersey City has abolished its Newsboys' Home. It was found that the boys used it for a loating place, and that four fifths of its

A dead-beat, who had but 60 cents to his name, took blank checks, went from store to store in Cairo, and made purchases of over \$400, filling out a check in each case. A

man who signs his name to a check with a great flourish is supposed to be rich. The annual report of the Indian Department of Canada says there are encouraging indications that the Indian element will

eventually become amalgamated with the general population of the country. The Indian population of the Dominion is 124,-

A woman in New England goes to a year.