TERNOON SESSION. on opened with singing and Rev. T. O. DeWitt. S. Parker of Monoton took as a member of the confer-

lowing resolution, moved has Barnes nassed The Religious Intellige recognized organ of the F s in the province of New k, and we believe one of the rs of the kind published in ce; and whereas, it has its start among us a most faithful exponent of the views nomination and a trustwor to us in our denominational d whereas, we believe t C. Baptist family ought to paper, for the reason that al to the principles of the deely of their substance to the

do now take it are as a rule on, and therefore contribute funds of the church, and better and wider know irit and struggle and de they possibly could have the aid of the paper; and we believe it quite possible the present circulation of the

, That the members of the and also the clerks and the churches be urgently reto bring, as far as possil ious Intellegencer into their respective comma wing report was then subtee appointed to arrange an r denominational literature recommend the appointment member of our confershall act as a corresponding through whom persons desiration concerning Free Bancations can be supplied with of books, periodicals, pamph with the names of the pubs can be had. We believe ministers are hampered in their libraries by what are really the best e have consulted with Dr. and he has kindly expressed gness to act as an agent for ational literature. We would and that from time to time Dr.

ous of purchasing such pubshould order them through port was adopted. decided that the meeting of ale church for the election should be held on the seclay in September in each

advertise helpful books in the

Intelligencer, and that per-

year. wing resolution was moved G. A. Hartley: Whereas, it is that our sisters of the Wossion Society may know at ne it will be agreeable to this for them to hold their anting; therefore resolved, that afternoon of the session of of our sisters for their work, at 3 p. m.-Carried.

for sick and disabled minade his report, which showed receipts, with the balance on the close of the year, amount-12.79. The committee found it y during the year to extend \$103.50 was expended which

lance of \$209.29 on hand. port was adopted. F. Currie moved a resolution that each minister ordaincensed of this conference be to furnish the corresponding of conference with a ch year of where and how be the year, if he has been at results of his work, the redition of the field he has

the prospect for the work. passed. derator then left the chair conference went into comof the whole on licentlates n Perry in the chair. erence reassembled later on, . Mr. Perry read the follow-

rt from the committee of the four committee on licentiates to recommend: t Bros. F. A. Currier, A. M. atterson and W. C. Klerstead

t Bros. L. A. Fenwick, S. J. T. Coombs and A. H. Willlicensed by the conference. EVENING SESSION.

urch was crowded in the evthe occasion of the ordination The moderator, Rev. B. H. was in the chair, and several ost prominent ministers had the platform. The order of was as follows: Invocation by W. Foster; first hymn, by Rev. rrie; reading of scriptures, by O. DeWitt; first prayer, by J. Halse; second hymn, by T. Parsons; sermon, by Rev Leod; preparation of candi-Rev. D. Long; questions put dates by Rev. J. W. Clarke; on prayer, by Rev. Joseph hand of fellowship, by the or; charge, by Rev. G. A. benediction, by Rev. F. A.

ndidates ordained were: F. A David Patterson and W. C. nd. The sermon by Dr. McLeod very able effort, and Mr. Hartarge was a good practical ad-

oference sat for an hour or the ordination in order to get with what business remained ransacted. .

ditor pro tem, D. McLeod bmitted the following report: had examined the books, and accounts of the treasure Home Mission executive, and same correct. m hand. Oct. 8th, 1595..\$299 54

from W. M. society.. 50 00 from board of man-100 06 from interest 27 00 from contributions ... 374 22

ad examined the books, vouchaccounts of the treasurer eign Mission executive, and em correct. MUNICIPAL COUNCIL.

Report of the Committee on Finance \$734 51 Expended 914 73 and Accounts Submitted

Interest from B. of M..... 57 00

Balance due treasurer......\$180 22

He had examined books, accounts

and vouchers of the treasurer of the

board of managers, and found the

Invested in mortgages\$4836 00

Notes of hand 150 00

and vouchers of the treasurer of the conference, and found the same cor-

Bal. on hand, 8th Oct., 1895 .. \$ 509 76

Expended 390 71

Balance on hand \$621 78

He had examined the books, vouch-

ers and accounts of the treasurer for

sick and disabled ministers, and found

Bal. on hand, 8th Oct., 1895.....\$155 22

Received to 6th Oct., 1896..... 157 57

Ralance \$209 29

He recommended that the treasurer

of conference pay to the treasurer of

the home mission executive the sum

of \$100 and suggested that the board

of managers insist on the payment of the interest on lands and mort-

The report was adopted.
Rev. F. C. Hartley moved the following resolution: Whereas the F. C.

Baptist general conference of New

Brunswick is not in its corporate cap-

acity responsible in any way for the debt of the Union Baptist Education

society, but at the same time we be-

lieve that with the Baptist body of

sible for this indebtedness, and

the province we are morally respon-

whereas this conference is informed

that a good deal of hardship is likely

money for the assistance of the Union

president, therefore resolved, that the

executive of conference be authorized

to see what final arrangement, if any,

can be reached in this matter, and

the executive be authorized, if a final settlement can be reached, to draw

on the treasurer of the board of man-

agers to the extent of one thousand

dollars.—Carried.
The board of managers were em-

be referred to the home mission ex-

ecutive, and suggested a grant of

The following were then elected the executive of the conference: Rev. B.

H. Nobles, Major D. McLeod Vince,

Rev. G. A. Hartley, Rev. C. T. Phil-

lips, Rev. J. W Clarke, Rev. D. Long

the Benediction by Rev. 7. Noble

"I HAD NO FAITH."

But My Wife Persuaded Me to Try the Great

South American Rheumatic Cure and

My Agonizing Pain was Gone in

12 hours, and Gone for Good.

AMERICANS ARRESTED.

W. M. Castle. His Wife and Son Charg-

ed With Stealing Furs.

London, Oct. 6.—Walter Michael

chant, Ella Castle, his wife, and Fred

Castle, his son, ten years of age, also

Americans, were arrested today at the

Hotel Cecil, and were charged at the

Marlborough street police court with

stealing several sable and chinchilla

skins of a total value of £21 (\$105),

from furriers of this city, namely,

Drebig of Argyll street. Hollis of Ox-

ford street, and Mayraf of Mortimor

street. Evidence was presented tend-ing to show that the prisonrs had en-

tered the shops mentioned, and after

examining the furs, left without buy-

Immediately after they left the fur

police. The latter deposed that they found in the rooms occupied by the

Castles at the Hotel Cecil five trunks

marked "Mrs. William Castle, San Francisco," and "Mr. Walter Castle,

New York," which contained the miss

hand-painted china. Mrs. Castle, whe

ing furs, much jewelry and some old

taken in custody, said: "My God, we

bought most of the things in Geneva,

and one skin we bought from a boy

in the street. The sum of £38 (\$190)

was found on Castle and six 100-franc

notes were found on his wife. Both

these prisoners were remanded for a week, bail being refused, and the boy

Traveled Haif the Globe to Find

Health, Without Success.

Took the Advice of a Friend and Now Pro-

claims It From the Housetop —" South

American Nervine Saved My Life."

ing amy.

was discharged.

Castle, described as an American mer-

\$100 to the church.-Adopted.

Baptist Educational society by

to occur through the advancement of

the same correct.

gages promptly.

The City Wants Information About the Large Increase in Taxes—The County Valuation.

The October meeting of the St. John municipal council was held on Octo-ber 6th at the court house, Warden Daniel in the chair. The absentees were Couns. McLeod, Ruel, Barnhill He had examined the books, accounts

Received in contributions, 1895. 25 20 Received in contributions, 1896. 477 53 gent fund, except as otherwise directed:

3 00 10 00 Assembly, etc.

To Provincial Lunetic Aslyum, expense of maintenance of pauper lunatics six months ending June 30th, 1898

To Barnes & Co., blank book and stationery treas, office, \$5.10: record, books Speedy Trials Act Co. court, \$9. 59.

o country secretary, postage stamps and postal cards for notices of meetings, etc., \$16; putting in defence in re Cormier v. Burgess, \$10

Markins
To the assessors of the parish of
Simonds
To the assessors of the parish of
Lancaster
To the assessors of the parish of
Lancaster
To the assessors of the parish of
Museuash
For making up revisors' books for 1896:
To the assessors of St. Martins, 12 00
To the assessors of St. Martins, 12 00
To the assessors of Innoaster. 12 00
To the assessors of Lancaster. 12 00
To the assessors of Lancaster. 12 00
To the charged to the revisors' fees fund.
To the city of St. John, water rates, registry office 72
To J. & P. Kervin, wood for registry office 950
To John B. Wilson, repairs registrary office 950
To D. B. Berryman, M. D., coroner, holding inquests and views to October 1st, 1896
To T. Dyson Walker, M. D., coroner, holding inquests and views to October 1st, 1896
To H. E. Gilmour, M. D., coroner, holding view on body of Stephen
Suffixan 400
The report was adopted. out there.

The report was adopted. The committee on public and school powered to transfer the Boyer donalands reported, recommending that tion to the New Brunswick auxiliary front lot No. 18 be sold to William Carson for \$100, and that back lots The committee to whom was refer-Nos. 26 and 28 be sold to Bruce Davred the Monoton matter reported having found that the Sixth District idson for \$150, and that the secretary be authorized to make out and exdivided the Moncton circuit into two, ecute deeds of the said lots under the leaving Moncton a separate station.

They recommended that the matter seal of the municipality on payment

> purchase money.
>
> This report was also adopted. The following communication was received from the city of St. John: 3rd Sepit., 1896.

by them of the full amount of the

George R. Vincent, Esq., County Seccommon council of the city of St. orlty in the party, while scarcely from The conference then adjourned with John to hand you the enclosed tax any quarter do I receive explicit supbills and to request that you lay the same before the council of the mun-St. John at its first meeting, and ask to the very large increase of the of the liberals." taxes this year over those of last year and why there are no record books J. D. McLeod of Leith, Ont., says: "I have been a victim of rheumatism for seven years—confined to my bed for months at a time; unable to turn myself. Have been treated by many physicians without any benefit. I had no faith in rheumatic cures I saw advertised, but my wife induced me to get a bottle of South American Rheumanic Cure from Mr. Taylor, druggist, in Owen Sound. At theit time I was in agony with pain. Inside of twelve hours after I had taken the first dose the pain had all left me. I continued until I had used three bottles, and I now consider myself completely cured," of property kept by the assessors of taxes in the different districts, to which the chamberlain or other city

officials can refer for detailed information. I have the honor to be, sir, Your obedient servant. (Signed)

HERBERT E. WARDROPER, Common Clerk.

On motion the communication was referred to a special committee, consisting of the warden and Couns. Mc-Goldrick, Ruel, Millidge, Christie, Mc-Arthur, Stackhouse, Robinson and McPherson, to investigate the matter and call the assessors of Lancaster before them.

The county secretary announced that the county valuation would expire with the end of the current year and that it would be necessary for the council to consider whether they the council to consider whether they brought the highest quotations. Fruit old valuation for the next five years or to have a new valuation made. Coun. McGoldrick moved to refer the matter to the bills committee to prepare a bill for the extension of the present valuation for the next

five years. Coun. Lee moved in amendment that the whole matter be referred to committee to enquire into and report whether or not it is advisable to continue the present valuation. riers', the proprietors missed the goods they had examined, and notified the

A CUMBERLAND ROMANCE.

The Vicissitudes of an Aged Couple,

Southampten, Cumberland Co., Sept. 28.—The oldest settler of Mapleton, William Blockley, died "esterday morning at the age of 82 years. He leaves a widow. The history of this aged couple reads like a romance. Years and years ago, in the very home where Mr. Blockley lies dead today, there lived an aged English couple named Bowstock. Their farm was considered the finest in all the country side, and they were besides reputed to possess considerable gold. Sixty years ago Bowstock died, leaving his entire estate to his nephew, Joseph Blockley, also an Eng-lishman. The heir occupied the place When she had Children, she gave them Castoria. and married a Miss Jane Boyd of Pive Islands. He had left behind in American Nervine Save my life."

Are been very much troubed by years—
since 1878—with nervous description of the
seposia. Had been treated in tender of the
England by some of the best thyrocans
without permanent redief. I would be about three mouths ago to the series of the series of the left of the series of the left of the series of the left of the l England three brothers, William, John and Jimmy. The former came out after a time and took up his abode with his brother. Trouble soon arose and unpleasantnesses of a more or less serious nature characterized the daily life of the trio. At this crisis an unexpected event sim-

plified matters for one of them—the husband, who, having made his will in favor of a sister, Mrs. Harris, residng in England, turned his face to the wall and died. "One touch of nature makes the whole world kin," and the mutual disappointment with which the contents of the will affected the survivors, hitherto enemies, created a bond of sympathy which resulted in their subsequent mar-riage. William Blockley continued to live on the plan of his late brother, saving and pinching, and the couple

went on sacrificing personal com-forts to the hearding of gold. The coins multiplied till the stocking and Robertson.

The committee on finance and accounts recommended the payment of that a tin pot was provided and the savings deposited in a well dug in a savings deposited in a well dug in a distance from the house. Then Jimmy Blockley, emboldened by the success of his elder brethren, shouldered his gripsack and took ship for America. But fortune had exhausted her good gifts, and finding his presence undestrable, and William's scouragingly good, he accepted the only alternative, returned to his native heath and laid him down and lied. A nephew, John, tried his luck, but in like manner returned. Then no word came, and Mr. and Mrs. Blockley

> a man named Harris, the son of the of the main drive, and includes, be-rightful owner of the property, with sides the residence of the president, his family. Harris immediately assumed possession. The old people could not bear to leave their home, and their savings were brought out and the farm bought back at a fabulous price. In addition to the money Harris took a mortgage of the place for the balance of the price he had set upon the land. The mortgage was sub-sequently transferred and Mr. and Mrs. Blockley, aged and decrept, were left penniless. They have managed to live upon the place, while Harris, feeling Nova Scotla too cramped for the exercise of his gentus, removed to the states, where a man can be as bad as he likes and it is nobody's business The farm has now come into posses sion of J. W. Hunter, and Mrs. Blockley will no doubt live her days

ROSEBERY RETIRES.

He Will Not Hereafter Lead the Liberrl Party—A Difference on the Eastern Question.

London, Oct. 7.-The Earl of Rosebery, the late premier in the liberal government in succession to Mr. Glad-stone, has written to Thomas E. Eilis, liberal member of parliament for Merionothshire and the first liberal whip, saying that he has resigned the lead-

ership of the liberal party. Lord Rosebery says in the course of his letter: "The recent course of ev-ents makes it necessary to clear the dir. I find myself in apparent differ-ence with a considerable mass of liberals on the eastern question, and there is the same conflict of opinion with Mr. Gladstone, who must neces-Sir-I have been directed by the sarily always exercise matchless authicipality of the city and county of new. But I complain of no one and I always regret that I should appear to that an explanation may be given as divide the energies as to try the faith

APPLE SHIPMENTS.

The apple shipments from Montreal last week amounted to 62,208 barrels. Of this number 42,979 barrels were shipped to Liverpool and the balance to Glasgow. This places Montreal ahead of both New York and Boston in the quantity shipped to Liverpool, London or Glasgow. The total ship ments from New York to all these ports last week amounted to only 31,-053 barrels, while from Boston to the same ports there were shipped 53,413

barrels. The latest cables from Liverpool state that the market is steady for good sound fruit, but that poor and wasty fruit is a glut on the market. The prices are: Colverts, Jennettings. out of condition ruled 2s. to 3s. less than quotations for the sound article. On Saturday the Allan line steamship Numidian took out the largest eargo of aples shipped from any Can-adian port this year. It consisted of 14,500 barrels. At the present rate of freight, which is 3 shillings per barrel to Liverpool, this is the best paying

freight a steamship can have. THE ROAD TO YESTERDAY. The amendment was deteated by 11 to 8, and the motion carried by 13 to 7.

After ordering the payment of the usual fees to the high constable the council adjourned.

Will some wise man who has journeyed Over land and over sea. To the countries where the rainbow And the glorious sunsets be. Kindly tell a kittle stranger Who has oddly lost her way Where's the road that she must travel To return to Yesterday.

For, you see, she's unfamiliar,
With Today, and cannot read
Wheat its strange mysterious signpor
Tell of ways and where they lead,
And her heart upbraids her sorely,
Though she did not mean to say
When she fell asleep last evening,
And abandoned Yesterday.

For she left a deal neglected.
That she really should have done;
And she feare she she's lost some favors.
That she fairly might have won.
So she'd like to turn her backward.
To retrieve them if she may,
Will not some one kindly tell her
Where's the road to Yosterday?

When Baby was sick, we gave her Castoria. When she was a Child, she cried for Castoria.

Very Unkind of Him Cumso The parrot is a male. Mrs. Cume in (greatd) How do you know! Cumso-It doesn't talk. THE WEEKLY SUN \$1.00 a year.

THE ONTARIO MODEL.

greater satisfaction than seed which

is smaller and shrunken.

In addition to the 2000 experiments made at the farm, great interest is be-

ing taken in this work outside, inas-

much as 2260 farmers throughout On-

tario are carrying on experiments in

connection with the college work at

this time. Already this year there have been received over 1000 applica-

tions for winter wheat seed for experi-

mental purposes, being nearly double the number of last year. Every spring

a circular is issued, giving the experi-

ments which are to be conducted dur-ing the following season and which

practically cover all kinds of farm

he had on application to the experim

rops. A copy of this circular may

talist, from whom all information can

In the horticultural department ex-

being made. Among the most important this season was that made with

160 varieties of strawberries. The re-sults of this experiment will be looked forward to with a great deal of inter-

The whole work of the institution on an experimental standpoint is

very practical nature, and is proving

of great value to every farmer, fruit grower, dairyman and live stock

breeder, signifying as it does not only a matter of great interest but of dol-

The newest department of the college

is that of bacteriology, wherein a careful study is made of the germs of

disease in animals and the various

forms and conditions of bacteria play-

ing so important a part in the ripen

ing of cream and the development of

The dairy department is a model of

perfection. The building in which the

in length, fitted up with two milking

machines, and has accommodation for

with the stable is scrupulously clear

At the present time there are 25 cows

being about 300 pounds. In the flush

of the season, when the pasturage is

give enough milk to produce as much

as 2 1-2 pounds of butter each per day

The herd is made up of Jerseys, Hol-

steins, Ayrshires and grades. One Hol-

stein during the past year yielded 10,000 pounds of milk, producing over 400

being the Smalley, which is cutting at

Situate to the east of the silo are

dinary milk that the former produced

59 3-4 pounds. Interesting experiments

cannot fail to prove of great value to

In the poultry department there are

every choice variety, each breed hav-

Producing Winter Milk.

ROGERS' COW STABLE

chain tie; b, feed rack; c, manger; c,

space to feed grain through. The dotted lines show where partitions come.

ay on the above subject. Comfort-

requisite, and we give the description and illustration of his barn basement.

quarters he placed as the first

dairymen throughout the land.

ing a separate house and run.

a cheese weighing 71 pounds, whereas

one made from the latter weighed only

the rate of 70 tons per day.

pounds of butter.

lars and cents as well.

est in the next two or three years.

ensive experiments are continuously

THE SHOW AT THE GUELPH AGRI-CULTURAL COLLEGE.

Experiments Worth Millions to Farmers and Highly Valued by Them-Keeping in Touch With the Agriculturists -Co-operative Testing.

The fall session of the Ontario Agricultural College always opens at the Model Farm, Guelph, on October 1. It will be interesting, therefore, to take walk around the college and farm grounds in company with Prof. C. A. Zavitz, 'experimentalist; Prof. H. H. Dean of the dairy department, and Mr. Wm. Rennie, farm superintendent, and see the home of the labors of coming students and learn something about it and its capabilities. The college grounds and farm are situated on the immediately at Guelph's city limits. It is easy of access by the Guelph Electric Railway, the terminus of which is at the entrance to the grounds. As one enters the main gatewere left unmolested for about six to the eye. Directly in front of the years, full of toil and sacrifice and gain. But the fine farm had depreciated; lecture halls spreads a well-kept lawn, its broad acres had been allowed to lie waste, its fences to fall, and its tically designed flower beds, ornative to the eye. Directly in front of the stately college building and several lecture halls spreads a well-kept lawn, its broad acres had been allowed to lie waste, its fences to fall, and its buildings, lacking care and expense, had reached an advanced stage of de- dence of the master hand of the landscape gardener.

The college proper faces the head



JAMES MILLS, M.A., LL.D. President Ontario Agricultural College

class rooms, a museum, reading room, library and students' dormitories. Next to this is a handsome new building in course of erection for the use of the chemical department, and which, it is expected, will be opened at the beginning of the fall session, thus replacing the former one destroyed by fire. Near by are also convocation hall, the exrimental building, the residences of the bursar, farm superintendent and experimentalist, botanical laboratory and greenhouse. At the rear are the outbuildings, barns, stables and carpenters' shops. Each of the depart-ments named is equipped with the most

The farm embraces 550 acres in all. of which about 330 immediately surrounds the main college building, the balance being on the westerly side of the Dundas road, on which are the

dairy and poultry buildings. The crops this year, on the whole, fully up to the average. Eighty-five icres yielded about 200 tons of hay, this being exceptionally heavy. On 76 acres oats were grown but the rayages of the army worm devastated quite half the crop. Twenty acres were devoted to Mandscheuri barley, which turned out a very heavy crop. The two varieties of winter wheat this year in the larger fields were Dawson's Golden chaff and the early Genesee giant, each of which yielded some 35 bushels per acre. Twenty acres of Prussian blue peas, producing 80 loads, have not yet

The experimental fields occupy about 50 acres at the rear of the main college building on a gradual slope to the southwest. These grounds are divided into upwards of 2000 plots which are devoted to the testing of different valeties of farm crops, to date of seeding, to methods of cultivation, to the selection of seed, the application of ertilizers, etc. The varieties which give the most satisfactory results on he experimental ground are those used in the larger fields, and the seed thus obtained from the large fields is sold at oderate prices to farmers throughout Ontario in order to enable them to secure pure seed of the very best kinds.

He says: We keep the temperature of our stable at 30 to 35 degrees, and never Besides the crops grown on the farm. considerable area is devoted to pasturage purposes.

In regard to the variety tests, weather. I find the cows eat and do better when not too warm. We use might be mentioned that the leading a single stanchion with chain tie. The kinds of nearly all sorts of farm crops stanchion is simply a pole about three are not only obtained from over the inches through, mortised into a sill Dominion, but also from about twenty and securely fastened at the top. The foreign countries possessing a climate similar to Ontario, from which some chain tie goes around the neck with a large ring that slides easily up and excellent sorts have been obtained. down the stanchion. This gives Among some that may be named to cow much more comfort and keeps her the advantage of the Ontario farmers are Dawson's Golden Chaff, the Early just as clean. We put the first stanchion 18 inche Red Clawson, and the Early Genesee from the wall or partition, and then one every three feet. We then put a Giant, as having given very good results. In oats, the Siberian from Rus partition between every other cow. sia, the Joanette from France, the The partition should fit tight in the Oderbrucker from Germany, and the manger, and should not come back Banner of Ontario are prominent va-rietles, especially the Siberian, which between the cows more than 18 inches from the stanchion. We have a drop behind the cows of six inches. The has given excellent results in the Guelph trial grounds, and also occupied first place in the co-operative work conducted in Ontario during each of floor on which the cows stand is five feet from manger to drop. The manger is 18 inches wide. We left an eightthe last four years. In barleys the Mandscheuri has given the largest

cre, and the wheat, per measured bushel, a little over sixty-three pounds

In the corn tested, the mammoth

uban and the Wisconsin earliest white

ent were very satisfactory.
The Empire State, American Wonder

Subscribe for THE WEEKLY SUN. THE WEEKLY SUN \$1.00 a year.

inch space under the feed rack to feed everage yield per acre out of some 40 This stable has many advantages varieties grown for seven successive years. This is a six-rowed barley, has and I think would be appreciated by all. Water is as necessary as the feed in the production of winter milk, and a stiff straw and a grain which weighs upwards of fifty pounds per measured bushel. Its importation has it is hard for the average farmer to supply his cows with plenty of it, o proved a valuable addition to the barleys of this Province, having occupied first place in the yield per acre hroughout Ontario in the last four the right temperature. A cow canno do her best if compelled to stand in a zero wind and drink through the icc. would water in the stable, if possiears. It is now becoming a very pop-lar variety among farmers generally. ble. We have a drive well in the feed alley. The temperature of the water In spring wheat of all the varieties from this well is never below 50 deested, the Herison bearded has given grees, but I would like to supply them very satisfactory result, the average with good water 10 or 15 degrees or the past seven years having been

warmer. Good care is what tells in the long run. Milk, feed and water regularly and be sure not to leave them out who too cold. We only leave ours out lo enough to arrange the stable wh the temperature is below 20 degree

and Great Divide potatoes have given A FERTILIZING TEST good satisfaction.

Hartley's bronze top turnip and the improved short white carrot stand high in the tests made.

Great stress is laid upon the fact that in selecting even the very best varieties of seeds, those which are plump and well-developed give far greater satisfaction than seed which

AN "OHIO FARMER" POTATO EXPERI-MENT AND ITS RESULTS.

Careful Test Conducted by Mr. W. I. Chamberlain, Which Demonstrates the Value of Superphosphates on Sandy Soil.

Superphosphates on sandy soil. --- o many of my friends in whom I have confidence have tried superphosphates on sandy farms with little or no re-sults that I had come to believe they were of little help there except possibly on the heavier portions of such farms. Judge of my surprise, then, when my eyesight, the scales and the photographer's camera showed such an increase in size, beauty and bushels per acre as is seen in the drawing from the photo of the results. Fig. 1, not phosphated, gave a yield of 15 1-2 pounds; large and small, to 16 1-2 feet linear measure) dug in the row, or 271 bushels per acre; while Fig. 2, phosphated about 1000 pounds per acre,



Fig. 1. 271 bu. per a. Fig. 2. 375 bu. per a. gave a yield of 21 1-2 pounds, large and small, to 16 1-2 feet dug in the row, or 375 bushels per acre; an in-crease of 104 bushels per acre. The soil is as sandy and gravelly as

any in our township, I think. It is a high, gravefly knoll on the farm of Mr. A. D. Croy, 2-4 miles southwest of Hudson village. Geologically it is "alluvial deposit" rather than pure "bowlder drift." That is to say, its more clayey portions have been washed out by water action during or after (or both during and after) the glacial period. This is shown from the fact that its material has been placed in animals are housed is about 120 feet layers of coarser and finer material-30 head. Everything in connecton gravel, sand, silt, etc., with very little of the typical, compact, non-stratified "drift" or bowlder clay in the immediate soil or sub-soil.

in full milk, their average daily yield On such soil my own theories and the seemed to show that superphosphates would not pay. Three at least of my at its best, one or two of the cows friends had declared in substance you had to set stakes to find at harvest time where you put the phosphates! But from the time the potato vines in this test were a foot high the difference could be clearly seen An immense circular silo is attached to the building and which, when full, holds 250 tons of ensilage. This silo both in the color and size (thrift) of the growth. As soon as the vines dried I dug a linear rod of each, with the results shown in the Figs. 1 and is now being filled, the machine used 2 and in the statement of pounds and bushels given above. At the time they were dug those not phosphateu were less mature. Hence they peeled the dairy school and home dairy buildfar more. The phosphated ones, too, are much smoother and better formed ings, completely fitted with all mod-ern appliances. Lectures are deliverand have a less proportion of small ed during the session to the male and ones than the others. Owing to exfemale students, and practical lessons given in butter and cheese making. abundant rains the vines of all varieties seemed to blight and die before fully maturing. Otherwise the yield The record of each cow's yield and quality of milk is kept, and thereby the most profitable breed of animals must have been immense. The potais ascertained. In the experimental toes in both tests (Figs. 1 and 2) were of the same kind, planted, tilled and department of the dairy it was shown from equal quantities of rich and or-No. 2 had fertilizer and No. 1 had none Kind of fertilizer used.—We used a special potato and vegetable fertilizer with the following analysis printed on

are carried on in this department which the sacks: Ammonia, 4 to 5 per cent.; soluble and reverted phosphoric acid, 8 to 10 per cent.; total phosphoric acid, 10 to 14 per cent.; potash ("K .O." or at present some 400 birds, representing actual) 4 to 5 per cent. Mode of applying.—We applied about 500 pounds per acre all through the soil with a grain drill, and 500 pounds Eugene Rogers won first prize offered by The Michigan Farmer for best es-

more along the drill rows, applied and mixed exactly right by the im-proved potato planter. This imple-ment applies and mixes it evenly and thoroughly with the soil in a strip six inches wide just above and around the seed potatoes. This feeds the young roots more fully at first, and when they spread all through the soil in later growth they find the fertilizer buried and mixed all through the soil by the grain drill.

Condition of the land.—The land was

a clover turf plowed under. The thinner parts of the land were lightly dressed with manure during the winter. The manure soaked in until spring, when it was plowed under with the clover. The field was in excellent "heart," having for many years had clover in a regular rotation with pota-tion with potatoes or corn, wheat or sometimes oats, and with a dressing of stable manure every few years. Indeed, the land was in so high a state of fertility that I doubted, on that account as well as from the sandy and gravelly nature of both the soil and sub-soil, whether the superphosphate would show much increase in the potato yield. The tillage all through the season was excellent and the were kept well in check, for a year when they were naturally so numerous.—W. I. Chamberlain, in Ohio Farmer.

A Canadian Southdown in New York. A fine Southdown ram was received on Saturday at the Central Park Zoo It is three years old, was imported from England, and has won many first prizes at fairs in this country and



SOUTHDOWN RAM AT CENTRAL PARK. of phenomenal breadth and flatness. Its legs are well shaped, and its fleece deer house, and likes so well to lie quiet in a corner that it will get up only when vigorously prodded. Its name is Champion XI., and it has a distinguished pedigree.

It is hornless and Keeper Holm was kept busy yesterday answering the question, "Has it been dehorned?" It has not been, the Southdown rams being a breed that do not have herns. -New York Journal.