one, but are rendered shapely neans of curved under-arm seams and are drawn in at the neck ar vaist line with ribbons run through eading that is applied over the ma erial. At the lower edge a deep ill is seamed to the skirt that may od, omitted.

To cut this chemise, for a woman medium size 3 yards of materia 6 inches wide will be required, wit yards of insertion, 32 yards eading. 3 yards of wide edging and by yands of narrow edging to trit s illustrated.

LINEN FOR LINERS.

There are no laundries on box hip: they take up too much room so the chief steward lays in ands of pillow-slips, sheets, wels. These come on board p in bales of a dozen each, and tored in the linen locker, a cubb ele of a place on the main de he ventilator pipes from the ine-room run through it and hot. There is no danger of line cetting mildewed there. The line which has been used is thrown in provided with nother room, ame atmosphere, and is so ke horoughly dry. Where there a lean napkins epery day, freque hanges of state-room linen; and verlasting replenishing of acks, the demands upon the ocker are very extensive. ike the Campania puts to sea, bout 9,000 serviettes, 10,000 ds, 6,000 or 7,000 sheets. 8,000 p ow-slips, and about 1,000 tal loths Most of these find their o the soiled linen locker in ourse of the voyage. When the v el arrives they are carted of to



one will you have served fit he master or his servant?" King Calawumpky—"Let the st ant come first. I always was nan of domestic tastes."

GERMA POPULATION OF TOWNS.

The recent German census sho empire with a population he over 100,000, exactly the same nu per as in the British Isles. the establishment of empire in 1871 only eight. This

owns have a population of 200,000, against sighteen in Isles ; while seven over 300,000, against nine in United Kingdom. HARDENED TO PRIVATION

Jimson-"What makes Scribbles would make a go Pole explorer ?" Jester-"Recause being s hardened to privation;

ALL THE WORLD OVER.

Country, Great Britain, the United States, and All Parts of the Globe, Condensed and Assorted for Easy

CANADA. another case of smallpox has been iscovered in Ottawa.

ondon's proposed address to the ike has been approved at Ottawa. Ottawa is still in doubt where to build its proposed contagious diseases hospital. The new mining school at Kings-

ton will cost \$90,000 and the arts building \$70,000. Conductor Perry, of the C.P.R., had two toes taken off while coupl-

ing cars at Virden. The eight hour day law is being enforced in the erection of Government buildings at Neison: B.C. Winnipeg doctors located a pin im-

in the muscles of .B. D. it got there. A resolution was passed at the

Canadian Medical Association at Winnipeg urging on the profsssion and public the urgency of re-vaccina-All serties furnishing supplies to

the Post Office Department must pay the current rate of wages to their By the courtesy of the Speaker, the

press rooms of the House of Commons will be open to journalists durthe capital.
The next Imperial officer appointed

command the Canadian militia may combine with the duty the diifax and Esquimalt. "It is an offence to call a man a.

scab, and let this be a warning to strikers;" was what Judge Choquet zear Gladu for assaulting a nonunionist.

Judge Sicotte, at Montreal, fined Theophile Geoffrion and Joseph G. Poully, two newsyendors, \$50 and costs for selling obscene literature, and threw in a severe lecture with the sentence.

Mr. J. A. Ruddick, Assistant Dominion Dairy Commissioner, states that owing to the drouth there will te a shortage of butter in the Mari-Edward Island Anthrax has broken out among the

op on the farm of Sir Cooper Swift Current. N.W.T. oup are dying at the rate of lifty a sigv. Fourteen thousand doses of anthrax vaccine have been wired for.

While the Puke of Cornwall and Ports of Queensland. for watches the lacrosse match to te given in Ottawa for his benefit he will sit in a chair occupted by his ather, the King, when he visited Ottawn to lay the corner-stone of the Is 55 Feet Lower Than Was Sup Parliament Buildings.

Canada's exports of pulpwood and n 1901 + amounted to sent to Great Britain and \$2,302, rine 115 to the United States. The total is an increase of \$615,477 over the exports of 1900;

The investigations carried on at. Canso, N.S., by the Dominion Goverament, this summer into the food, habitat, and breeding places of the ve valuable effect upon the fishing adustry.

GREAT BRITAIN. un next year in His Majesty's name and colors.

Edwin Austin Abbey, R.A., the coronation scene next year. The cruiser Essex, with a speed of 23 knots, 9,800 tons, and costing \$3,600,000 has been launched at

Pembroke. Kate Livingstone, a cousin of Dr. Livingstone, the explorer, who is living on the Isla of Mull, one of the largest of the Imperial Hebrides, Is-

In London there is a report of a trolling firms in New South Wales,

steamship, links. following the example of the Rod Star line, are ofering to carry passengers from New York to London for \$35.

UNITED STATES:

"stinging caterpillar" has hade its appearance in Philadelphia. Two young sons of F. L. Gilmore, Massena, N.Y., were probably fatally stung by wasps.

Owen Bradley, a farmer at Holland, Texas, mistook his wife for a urglar and shot her to death. A stage was recently held up near Ukiah, Cal., the express box; taken and three persons were robbed. At Ashley, Ind., one person was

sion of a soda fountain. of Red Lodge, Montana, was mistak-plorer. He recently discovered John Romers and shot and killed by Yoho valley near Field, B.C. ohn Romers, with whom he was

General Booth, founder and head the Salvation Army, will visit in November for a six anths' inspection tour of the United States.

discovered in the gas belt was struck a mile east of Parker City, Indiana, Monday night, by the Farm Land Oll Company, which was boring for well is estimated to be flowing a in the reading Markets.

THE VERY LATEST FROM 000,000 cubic feet a day.

Boston Chamber of Co states that the manufacturing centres of Massachusetts are in favor of reciprocity between the United State es and Canada, and that an effort is being made to have the High Commission reconvene for the purpose of framing a treaty.

GENERAL. The accouchment of the Queen Holland is expected in January. The King of Portugal has invited a tennis.

the Czar at the French naval review. King Alionso of Spain will not be present. The trials of the new Italian submarine war vessel Delfino, carried dut freights.

by the Minister of Marine, have been satisfactory. Lapland, where are also the country's famous iron deposits.

Deering's leg. He doesn't know how Russia, France and Germany are in complete agreement regarding Asiatic ces purely nominal. affairs, including Chinese questions. An international exhibition of hyened at Ostend.

The rains in India are irregularly distributed, and, while particularly solovees and adopt the union hours deficient in the rice districts, ex cessive rains have caused loss in the northern and central provinces.

The Paris, Lyons, and Mediterrancan Railway Company has received ing the stay of the Duke of York in ten of the fifty large American locomotives it recently ordered, and they have given satisfaction. The well-known inventor, Sczepan

ik, of Vienna, has developed a but rection of the Imperial forces at Hal- let-proof breastplate, and has also recently constructed an apparatus

strikers," was what Judge Groupers, mess, said in Montreal when he fined El- has almost disappeared from the \$20 to \$20.50; do, short-cut, \$21.50. English market, and Russian, gentine and Canadian grain taken its place. This is owing the decreased American crop and cor- 11 to 11/2c. responding higher prices. A number of cases of vitriol throw-

ing have occurred lately in the sub- 111c; pails, 111c, and tierces, 11c. urbs of Melbourne. Several young ladies have had their dresses troyed by acid, and one girl had a sponge saturated with vitriol squeezed against her face by an unknown time Provinces, especially in Prince man who walked quickly away.

The Bishop of Carpentaria has started on an adventurous journey, the overland trip from Port Darwin to Adelaide. The whole of the Nor- strictly new laid (nearby gathered), thern territory of South Australia, comprising an area of about 567,000 stock, 111 to 12c; seconds, 7 to 81c. square miles, is included in the bishop's diocese, as well as the northern

CAPE RACE LIGHT.

posed.

A despatch from Ottawa says of which \$966,920 were In a report to the Minister of Maand Fisherics Mr. Anderson, Chief Engineer of the department who has just returned from Cape Race, says he found by actual leveling, that the light is advertised as being 55 feet higher above highwater mark than it actually is. This reduces its horizon two miles. Atlantic coast fishes are expected to and may have been one cause for complaint. One of the lenses found to be a little out of focus.

To remove any cause of complaint king Edward's race horses will dividing up the single blast of ten about the .fog | whistle he suggests seconds into two blasts of five seconds each. Col. Anderson proposes to experiment to see whether better \$7.25 per bush, and No. 2 at \$6 to merican, has been chosen to paint results can be got from one shape or size of whistle bell than another.

WILL BE GREAT DISPLAY. ings at Ottawa.

with a view to economy in the use of Works Department stated that he be
Tollowing firms in New South Wales, tion of Victoria Tower being lit up. \$11 a ton. No straw. Dressed healthiest appetite for twenty-four hours in the use of Works Department stated that he be
Tollowing is the range of quota ample of the children will tend to At Liverpool it is stated that the est exaggeration when it was stated Wheat, white..... Leyland and Dominion that the world had never had an Wheat red...... 0.78 electrical display to equal that which Wheat, new, red and it was proposed to give here during white..... 0.64 Wellington Streets, and it is thought Barley 0.49 that Mr. Fisher may act on the suggestion.

KILLED BY A ROCK.

Assistant Superintendent Duchesney of the C. P. R.

A despatch from Vancouver says of the C.P.R. was accidentally killled, another fatally hurt and a at some point a few miles east of at some point a few miles east of John Andrews, former postmaster and was also something of an

> SIX BASS PER ROD PER DAY The Ontario Department of Fisher-

Fordnto, September 10 - Wheat-The local market is without feature. Sales of old white and red to millers at 671 to 68c low freights, while exporters quote at 66c middle. New white for export, 65c; No 1 spring on Midland 681c, Manitoba wheats quiet; No. 1 hard sold at 821c to 89c and No. 2 at 801 to 81c, grinding in transit. For Toronto and west 2c lower.

Oats-The market was day at unchanged prices. New No. 2 number of English players to visit white and mixed sold for export at him at Portugal in October to play 33c middle freight. Old quoted locally at 35 to 36c. King Leopold will be present with Peas Trade quiet and prices firm.

No. 2 sold at 68c north and west, and at 70c on Midland. Barley-The market is firm, sales of No. 2 at 47c, No. 3 extra at 46c and No. 3 at 45c, all middle

Corn-The market is steady to-day, with sales of No. 2 Canadian yellow Much excitement prevails at Stock- at 54c, and of mixed at 53c west. holm over the discovery of gold in American is nominal at 59 to 60k, on track here.

Rye-The market is firmer' It is semi-officially announced that sales at 51c middle freights Buckwheat-Marvet dull, with pri-

Flour-The market is quiet. ty per cent. patents sold for export giene, maritime security, and fish- in bbls. at \$2.90 middle freights. ing, under the patronage of his Maj- Choice straight rollers, in bbls, loesty King Leopold, has just been op- cally and for Lower Provinces, \$3.15 to \$3.30. Manitoba patents, \$4 in bags, and strong bakers' \$3.75. Oatmeal Market is unchanged; car lots at \$3.90 in bags, and \$4 in Broken lots, Toronto, 30c wood.

per bbl. extra. Millfeed-The market is quiet, with supply limited, as well as the demand. Cars of bran for shipment quoted at \$13.50 to \$14 west, and shorts at \$17 west." Ton lots sell here at \$15.50 and shorts at \$16.50

HOCS AND PROVISIONS.

Dressed Hogs are quiet to-day at for preventing collision between \$9 to \$9.40. Hog products in good low 160 nor above 200 lbs. It is said that American grain ton and case lots, 111c pork, mess, We quote:-Bacon hong clear, Smoked Ments-Hams, 14 to 141c; S breakfast bacon, 15 to 16c; rolls,

12c; backs, 15 to 151c, and shoulders Lard-Demand good and firm. Guaranteed pure, in 50-10 tubs

DAIRY MARKETS. Butter The market is steady Anything strictly fine meets with a ready | C sale for local trade; other grades are C accumulating. We quote: Strictly tresh dairies, 17c; seconds, 14 to 15c dakers' 121 to 131c.

13 to 14c; ordinary, fresh dandled Stags per cwt. Cheese-Market is dull. We quote: -Finest 91 to 91c; seconds 91c.

PRODUCE.

Potatoes—The market is unchanged. with moderate receipts. Large lots of good stock are quoted at 60 to 65 cents per bush, and jobbling prices, Dried Apples-The market contin-

ues dull, with no offerings, and prices are purely nominal. Hops-There is a quiet trade, with prices steady at 14 to 16c. Honey-Market is steady at 9 to

91c. Combs, \$1.50 to \$1.75 per doz. Beans-The market is steady with few offering. Ordinary stock, \$1.80 to \$1.90, and handpicked, \$2.10 to S2.15. Hay, Baled-The market is steady.

with sales of ton lots delivered at \$10; and car lots at \$8.50 to \$9. Straw-The market is quiet. Car lots, on track, \$5 to, \$5.50 a ton. Speds-There is a little alsike coming in; No. 1 is quoted at \$6.75 to

\$6.75. Red clover is easier at \$5.25

to \$5.75 per bush.

THE STREET MARKET. Receipts of grain were smaller to-Illumination of Parliament Build- old red and white selling at 73c, and people speaking at the function preciable. at 71c, and 300 bush of goose at gallons of soup daily, and will dislargest of the Imperial Hebrides, Is- A despatch from Ottawa says: — 671 to 68c Barley—Firm, 600 bush tribute also a vast quantity has just completed her 106th The electrical filuminations on the selling at 49 to 53c. Outs—Also bread and currant cake. 671 to 68c Barley-Firm, 600 bush tribute also a vast quantity Parliament Buildings promise to firm, 600 bush selling at 41c. for For one penny a child gets a can of transcend those of the Pan-Ameri- old, and at 374 to 381 for new. Rye soup and a generous allowance trades, embracing the con- was made of the new lights, a por- Dull, two loads selling at \$10 to reckoned sufficient to appease the

.....\$0.78 \$0.00 0.00 be erected at the corner of Bank and Oats, new 0.371 0.381 Peas..... 0.68 0.69 Dressed hogs....... 9.00 Butter in ib. rolls... ... 0.17 0.22 Butter, creamery... 0.21 0.26 Chickens, per pair..., 0.50 Ducks, per pair... 5. 0.60 0.85 Assistant Superintendent Duchesney Turkeys per 10......... 0.12 0.18 Eggs, new laid..... 0.16 0.17 Eggs, held, per doz ... 0.12 0.14 another fatally hurt and a at some point a few miles east of Apples, parrel... 0.60 0.75 hon of a soda fountain the explonere. Mr. Duchesney was considered Potatoes, new. bushel... 0.15 0.20 a remarkably clever railway man Tomatoes, basket... 0.15 0.20 Beef, forequarters 4.50 5.50 Beef, hindquarters 8.00 9.00 Beef, medium, carcase... 6.50

76c; do., new, 71fc; winter, No. 2, red, 74fc; No. 1 white, 75fc. Corn Firmer: No., 2 yellow, 601c; No. 8 do., 59 c No. 2 yellow, 601c;

No. 8 do., 591c; No. 2 corn, 591c; No. 8 do., 59c. Oats—Quiet and No. 3 do; 36c. Barley-Western of fered at 57 to 62c. Rye-Dull; No. 2, 56c. Canal freights—Standard No. blancation of the Contest for the American Centennial Palma Trophy. Detroit, Sept. 10.—Wheat-Closed. No. 1 white, 711c. cash; No 2 red, 711c, cash and Sept. ; 721, Oct.:

72c. Dec. St! Louis, Mo., Sept. 10 -Wheat-Closed. 691c cash; 691c, Sept. was very close up to the last stage. Two of the members of the Ulster Milwaukee, Sept. 10 - Wheat-Easier: close, No. 1 Northern, 691 to 70c; No. 2 Northern, 68 to 681c;

Americans had General B. W. Spen-Oats-Steady: No. 2 white, 364 to cer, with some of his officers, attend-Tôledo, O., Sept. 10.-Wheat-No. ing to them in, a similar capacity. 2, cash and Sept. 721c; Dec. 731c. Corn—No. 2 Sept., 56e; Dec. 561c. Oats—Cash, 36c Ryc—No sales. Clover seed—Prime, \$5.70; Oct., \$5.65 ; Dec., \$5.671.

Dec. 711 to 711ca Corn—Dec., 581c.

CATTLE MARKET

cluding 1,100 cattle, 1,800 sheep and in the match, which was shot in milch cows. Trade was fair and the market fea- meir had fifteen shots at each tureless.

Export cattle were quotably unchanged at from \$4.25 to \$5 per cwt. and selections sold up to \$4,50; 500 yard ranges and resulted in medium and common stuff was dull tie between the Essex men and the quotably unchanged. the prices quoted below. There was a demand to-day for

No change in milch cows. There is no change in hogs. The best price for "singers" is 71c In the Schutzen match at the 200 per 1b, thick fat and light hogs are yard ranges, W. G. Hudson has the worth 62c per lb.

good veal calves.

l'ollowing is the range of	quota
ions:—	16
Cattle.	4
Shippous in a control of or	الماسي
Shippers, per cwt\$4.60	\$5.00
Do., light 4.25	4.60
Butchers, choice 4.25	4.65
Sutchers, ord. to good 3.50	4.00
Butchers, inferior 2.75	3.25
Slicep and Lambs.	
Choice ewes, per cwt 3:40	3.60
Butchers' sheep, each 2.00	3.00
Lambs, each 2.50	3.25
Bucks, per cwt 2.50	3.00
Milkers and Calves.	
Cows, each30.00	45.00
	10.00
Hogs.	
Choice hogs, per cwt. 7 124	7.25
Choice hogs, per cwt 7.121 Light hogs, per cwt 6.50	6.75
Heavy hors per cwt 6.50	6.75
TOURNA HATE HATE COT IN THE	1 15. 75

SHOT DOWN POLICEMEN

A despatch from Pretoria says :-At the trial of the Boer, Otto, Wed- Claimed They Wanted Husbands to nesday, it was proved that he had surrendered to the British and was living in Pretoria. He left here and rejoined his commando at Schurveberg, where he told his companions

that he had shot a detective named Moodie. It is reported that the Beers have acting with Capt. Valentine. The Boers sent for a commandant south of the railway to come and try the orisoners. This commandant Was shot from a blockhouse as he was crossing the railway. The Boers

then summarily shot the prisoners.

VEGETABLE KITCHENS. Established for Children of London's

Slums. A despatch from London says Four huge kitchens, established supply vegetariar food to the children of the slums, were ceremoniously Wheat-Steady, 400 dush of opened on Thursday, several titled new at 64 to 68c, 100 bush of spring Each of these kitchens will make 600

win the parent to a vegetarian diet and thus mitigate the carnality and intemperance of the slums.

WHOLESALE POISONING.

A despatch from Atlanta, ays:—Two hundred and seventy-five foldiers of the 27th Infantry are in the hospital at Fort McPherson, near here, as a result of poisoning, of them, Sergeant Weinberg and Privates Cole, Gravely and Beek, were \$82,000 last year. for a time in a critical condition. Colonel French, in command, made the following statement to the Associated Press: "A complete investigation of the poisoning of the men has been made by the post surgeon and myself. It is impossible to state positively what caused the illness of the men. The mess halls says :- Three masked men held have been regularly inspected, and the guests at Kaiser's Hotel men are improving and will be able to report for duty in a few days,

VICTORIOUS CANADIANS. Defeated the Alf-American Team at

Seagirt, N. J. A despatch from New York says The Canadian and American riflemen ship, and the Canadians won by a margin of 28 points, the final score being : Canada, 1,522; America, 1,-494 The utmost good-fellowship prevailed during the match, which Rifle Association of Belfast, Ireland, W. T. Braithwaite and Thomas Robertson, acted as coaches for the Dominion representatives, and the

The conditions of the contest called for the use of the national arm of the country represented by the teams, so that it was practically, a duel between the American Krag and the English Lec-Enfield weapons The Canadians used orthoscopic sights, while the Americans had the Toronto, Sept. 10.-To-day's re-service sights. Lieut. Leizar of ceipts at the western cattle yards Washington, D.C., made the highest were 68 carloads of live stock, in. collective and best individual score

lambs, 600 hogs, 50 calves and 20 three stages, 800, 900 and 1,000 area was ruined yards Each of the teams of eight these distances. The carbine team match was won by the men from the 1st Troop of Butcher cattle is worth from \$3775 National Guard of New Jersey. This to \$4.25 per cwt. for good to choice, match was shot over the 200 and

Stockers, bulls and feeders are Pennsylvania squadron, each having a total of 205. But as the Jersey Sheep and lambs are unchanged at riflemen had the better aggregate score over the lower range the Pennsylvanians had to take second place. Squadron A of New York was next with 284, and Troop of Maryland fourth, with 180.

top score of 216 out of a possible Hogs to fetch the top price must 225 on the German ring target, and be of prime quality, and scale not be is tied with Harry M. Pope, of Hart ford, Conn., and Michael Dorrier, of a possible of 150 on the standard yards between teams of eight mer for the Ulster Riflo Associaof Belfast, Ireland, and the Jersey Rifle Association, will be the big attraction to-morrow. The following is a summary of the Canadian-American match :- Canadians-Lieut, Ross, 185 Capt. R. J. Davidson, 202; Ptel Fleming, 180; Pte. Paubst, 188

> 189 ; Lieut. Robertson, 189 : total Americans-Major Young, 177 Shaw, 122 ; Lieut. Leisear Lieut. Bell, 195 : Lieut. Cook son, 188; Capt, Martin, 175; Capt Springstend, 182; Capt. Whitte more, 182; total, 1,494.

Capt: W. H. Davidson, 194; Capt

Stuart, 195; Color-Sergt. Skedding

WOMEN SPIES.

Surrender.

A despatch from Pretoria says: Of late a large number of Boer wo men have importuned the author ties for permission to go to their husbands in the field to attempt to persuade them to surrender, and shot four police whom they captured many cases the permission has been some time ago when the police were granted, but it appears that the requests are frequently proffered mere are desirous of seeing their hus fertilizer, such as nitrate of soda, bands, and who have no intention which will strengthen the vitality their arms.

WESTERN LAND SALES.

of Values Have Risen and Number of

Sales Increased. A despatch from Winnipeg says: Returns from the large land com to panies for August show a great in sown before the 10th, while in the crease in sales. Values have riser country the her north the 5th of slightly, and a better grade find ready sale. Farm property now in which sowing is safe. But the charquently chosen. The reason for this has prevaled sowing should be de-Stew That Had Boiled All Night mixed farming line, and as the countries the dy will be late in making its try gets settled the price of land appearance. continues to advance. The sales of the C.P.R. land de partment here totaled 5,074,782 acres at \$165,871.16, against 3,217,

> HELD UP THE GUESTS. Robbers Make a Clean-up in British .Columbia.

\$40,500, against 58,000 acres

A despatch from Greenwood, B.C. nothing has been found that could Etholt on Wednesday night. Their have produced poisoning. All the spoils aggregated \$400 in cash men are improving and will be able three gold watches. a diamond gold watches, a diamond breast pin, a diamond ring, and other jewelry. Eight persons were ited States.

The Cascade division of the United Dominion authorities with the Sept. No. 1 Northern, 63fc. Sept., the Pretoria correspondent of the Pretoria correspondent of the Pretoria correspondent of the Unit their victims not to venture out regulations regarding the catching 68fc. Oct. 68fc. Dec. 68fc. May, Daily Telegraph, "that Lord Kit until they were out of range, and other to be the Unit of the Unit of the Pretoria correspondent of the Pretoria correspondent of the Pretoria correspondent of the Pretoria correspondent of the Unit of the Pretoria correspondent of the Unit of the Pretoria correspondent of the Pretoria cor held up. The robbers also took four

PEST WEOSE RAVAGES HAVE GREATLY INCREASED.

Lockhead's Recommendade ions-How Rarmers. Can

Avoid Loss.

One of the most destructive of the nsect pests with which the farmer las to contend is the Hessian fly, he ravages of which have considerbly lucreased during the last two or three seasons. A useful bulletin lealing with the Hessian fly and reommending preventive measures vhereby the evil can be greatly mininized has just been issued by Prof. cockhead of the Ontario Agricultural College, Guelph. The matter is o vital to the agricultural prosperiy of the Province, that a summary of this timely publication will be of idvantage as the information it embodies as to the best means of dealng with the just cannot be too widely circulated. Of late years the mount of damaga done by the fly has been enormous) the total loss sustained by the Province during 1901 being estimated at above \$2,500,900. Apout two-thirds of the entire, wheat crop in the infested The region comprises the courties south of the Grand Trunk Railway from Toronto o Sarnia, the visitation being most destructive in the counties bordering on Lake Erie and in the Thames Valley, TS APPEARANCE AND HABITS

The bulletin describes very minutey the appearance and characteristics the insect the life of which there are four distinct stages-named ly, the egg, the arva or maggot, the pupa and adultify. The life of the latter is limited to a few days, the nsect dying as spon as its eggs are deposited upon the young wheat blades. The fly is about half the size of an ordingry mosquito, the fe-male being large than the male. It black wings. The legs are one-liftieth of an inch in length, spindle-shaped Jersey City, each having 139 out of and reddish in color. The maggot or larva, shortly after it is hatched, American target. The special chalf attaches itself to the stem of the lenge match at 800, 900 and 1,000 growing wheat, and sucks the juices yards, between teams of eight men of the plant. They remain fixed in the stem for about three weeks, during which time the mischief is done, when they defelop into what is known as the "flax seed" stage from their appearance. While in this condition they are harmless. fall brood remain in the "flax sced" stage all winter and during the early spring. There are two broods of the Hessian fly every year. The eggs for the spring broad are deposited in May, and the Brvae reach the flax seed stage by a out the 10th or 15th of June, the fly appearing about the and of August and depositing the eggs shortly afterwards. But the date is largely dependent upon local climatic conditions and varies from year to year. In an ordinary season the fly deposits her eggs in the last of September—but if August . zen a dry season the period may be deferred for two weeks. The eggs batch in about four days after hey are deposited; and the larvae begin at once to move down the leaf into the stem.

REMEDIES PROPOSED.

After a field has been serrously infested there is practically no effects ive remedy, and it is often advisable to plow the crop under and sow the area to some other crop. But if the lattack is comparatively slight, the ly as excuses by the women, who crop may be saved by applying some of trying to get them to lay down of the plants and result in their putting forth shoots. Two prisoners were tried on Wed will not be injected by the fly, nesday on the charge of having re so that a good average crop, joined their commandoes after sub may be realized. The most effective mitting to the British. One of the measure for the prevention of inaccused had been employed as a stok, fection has been found to be lated or on the military railway.

The number of prisoners captured of until the egg-depositing season is and surrenders made during the passed the crop will be safe. The week is 339. So far the effect of reason why the damage sustained Gen. Kitchener's proclamation reliffom the Hessian fly in 1899 and garding the treatment that will be 1000 was so great, was that owing accorded the Boers in the field after to the het dry summers of those September 15 has not been very apprears the flies did not appear ap carly as usual, and consequently wheat sown between the 1st and 21st of September was subject to infection. The bulletin warns farmers, that in drilinary seasons, it is not safe to sow wheat before September! 15th in the Lake Erie counties or in the Thames Valley. In the next row of counties in the Western Peninsula and in those bordering on Lake Chtarlo wheat should not be September is the earliest date at demand is sold at \$6 to \$8 per acro acter, of this season must be also and high watered land is most from taken intil account, and if draught is the increase of enterprise in the layed somewhat beyong these dates,

CONDITION OF THE SOIL 4 IM-PORTANT:

An equally important matter to be 850 acres at \$103,480.78 last year looked to is the preparation of the thought to be from eating a stew The Canada North-West Land Composition and the quality of the seed. If which was cooked all high. Four pany's sales totaled 7,160 acres at the land is put in thoroughly good condition so as to form a rich, smooth and well-pulverized seed bed with planty of manure and good seed, the plants will have a thrifty vigorous growth. Even if the fields are badly infested a sturdy, wellnurtured crop will have vitality. enough to resist the attacks of the fly and survive them in good condition, whereas weakly plants on a poor soil readily succumb. Trap crops, that is, strips of wheat planted early to attract the fly during the egg-depositing season and then plowed in, have been found effective, in protecting the main portion of the crop. The burning of refuse is recommended so as to destroy the fly in its flax seed stage, and also the burning of infested stubble, but the latter is not . always practicable as it is frequently seeded to grass and clover. The most effective and desirable preventatives are late sowthorough preparation ing and the soil.