AY BLES

18, 1889

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Bruce. Stanley. 7:20 a.m. 9:30 a.m 2:10 p.m. 2:50 p.m 5:35 p.m. 7:00 p.m 11:15 p.m.

ord Branch. 11:20 a.m. 7:35 a.m 5:35 p.m. 2:15 p.m 9:20 p.m. 6:00 p.m nch. p.m. p.m. p.m. 5:40 B*7:00 9:25 p.m. p.m. a.m. 4:00 6:25 12:30

eal. cluded. cluded, but makes adays. s between London senger and Ticket L RAILWAY.

e. on—Going East. Leave St. London. Thomas.

8:40 p.m. 11:45 a.m. 8:40 p.m. 3:05 a.m 9:50 a.m. 11:15 a.m. 9:50 a.m. 1:50 p.m. 2:25 p.m. 3:15 p.m. 2:25 p.m. 4:30 p.m. 8:40 p.m. 7:00 a.m. ion-Going West 8:40 p.m. 5:00 a.m. 9:50 a.m. 11:00 a.m.

9:50 a,m. 2:25 p.m. 2:25 p.m. 3:10 p.m 6:40 p.m. 7:30 a,m om London on Sun licket and Passen-C RAILWAY.

8:00 s.m. 5:00 p.m. 8:45 s.m. 5:45 p.m. 1:47 s.m. 6:53 p.m. 11:45 s.m. 8:10 p.m. 11:45 s.m. 9:00 p.m. 11:41 p.m. 4:20 s.m. 6:20 s.m. 6:20 s.m. 9:45 p.m. 9:45 p.m. 8:47 p.m. 12:05 p.m.

1:50 p.m. 8:00 a.m. 8:00 a.m. 1:00 p.m. 8:00 a.m. 1:00 p.m. 8:00 p.m. 8:00 a.m. 8:00 a.m. 8:00 a.m. 6:27 a.m. 8:15 a.m. 8:15 a.m. 10:10 a.m. 11:17 a.m. 12:20 a.m. 12:20 a.m.

1:15 p.m. 10:00 p.m. -Going South. 5:50 a.m. 3:35 p.m. 10:55 a.m. 8:30 p.m.

ICKETS

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cloth over their vat so dirty as to co

cloth over their vat so dirty as to counteract all the acration in the world.

Mr. Leitch thought the factory men
should have some consideration as
well as the makers, who, if they
would not dress quite so stylish
could easily lay up money. He said
the farmer might be ever so skillful and yet
Providence would send storms and all the
skill would be vain.

Prof. Robertson said that didn't excuse
him from putting the greatest possible skill

him from putting the greatest possible skill into the next crop.

Governor Hoard rubbed in the idea of skill in farming, which was really intelligent

Governor Hoard rubbed in the tack of skill in farming, which was really intelligent and careful attention to detail. He told an amusing story, "Twant no Fair Race," and the cheesemen adjourned in smiles.

Thursday's Sossions.

ADULTERATION OF MILK.
STRATFORD, Jan. 16.-Dr. McFarlane, dominion analyst, was the first speaker, explaining that his duties were with the Inland Revenue Department, under which the Adulteration Act is enforced. That act and Revenue Department, under which the Adulteration Act is enforced. That act really had nothing to do with milk supplied cheese and butter factories, but they had gained large experience in dealing with the gained large experience at the service of the dairymen. In this way he had assisted inspectors by milk analyses. It was suggested that the Adulteration Act by certain amendments might be made applicable to cheese and butter dairying, but the Dominion authorities did not think that desirable until the provisions of the new Burdett Act were more thoroughly tried. Evidence of adulteration had been found in about one-half the factories from which samples were taken in the vicinity of London. Prosecution under the Adulteration Act where foods or commercial fertilizers were adulterated, was a very costly affair, much of the money going into the hands of lawyers. Hence the department tried the plan of publishing the names of delinquents. He threw this out as one suggestion for milk on the basis of its contents in sufference and the Litis rather a premium on carelessness and dishonesty. He believed the Inland Revenue Department's mode of milk analysis could be applied to cheese factories, testing each patron's milk, say twice a week testing each patron's milk, say twi really had nothing to do with milk supplied

DAIRYMEN'S DOINGS.
Annual Convention of the W.
O. Association, the property of the W.
O. Association, the property of the W.
O. Association of the Sun.
Reliability of the Sun

water-work of arrieduce. These retries that it took 100,000 years to build on being robbed in less than 100 years by the American farmer. Soil depletion not only works injury to farming but its terrible effects can be seen upon the inhabitants, who deteriorate in mental and moral power. Where then are the elements of success in dairy husbandry? Primarily in the soil. By a rotation of hay, wheat, corn, etc., I have estimated that in 50 years a man will draw from the field to the barn \$414 worth of plant food, chiefly nitrogen, plusphoric acid and potash. And yet the farmer complains that he can't sell his farm for as much as he used to. As near as I can find out in New York State the farmer takes back to the field from one-half to one-quarter of what is taken off. In experiments at our station at Ithaca we found out what loss horse manure suffers when

one-quarter of what is taken oil. In experiments at our station at Ithaca we found out what loss horse manure suffers when thrown out in piles unsheltered from the weather. How much? No less than \$1 03 per ton or 42 per cent., nearly one-half of its valuable fertilizing constituents in the course of six months! Why is it so hard to get farmers to stop this

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Because of imitative agriculture, throwing the manure out of the doors and windows into the open air as our fathers and grandfathers did. If a ton ot timothy hay is worth \$8 (the New York yield is said to be less than one ton per acre) for feeding purposes, then an acre of our "Sibley's Pride of the North" corn raised on the University farm, this year is worth \$40 for the same purpose. The corn was rowed both ways with 3 to 4 stalks in the hill; cultivated before it was up and frequently afterwards. Though wet and cold this season, we got \$5 bushels of shelled corn per acre and upwards of 15 tons of green corn, including

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GERMANIC Jan. 15, noon

BRITANNIC Jan. 22, 6:00 a.m.

*ADRIATIC Jan. 22, 1:00 p.m.

*CELTIC Feb. 5, 5:30 a.m.

GERMANIC Feb. 12, 11 a.m.

BRITANNIC Feb. 12, 11 a.m.

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