

The champion trotter of Australia is Dan Patch, named after the American world's champion. This horse is by a sire that is strictly American trotting bred and his record of 2:11 over the Epsom course near Melbourne, compares favorably with the best trotting records in this country, for the Epsom course is not a dirt track, but it is a natural turf covered with grass. The fastest previous harness performance in Australia was the 2:12 1-5, of the pacer Almont, by the same sire as Dan Patch. The American Dan Patch paced an exhibition mile at Phoenix, Arizona, on November 11th in 1:57 3/4, a noteworthy performance and one of the wonderful miles of his already splendid record.

The U. S. Agricultural Department is carrying on some interesting experiments on the climate conditions which affect the fertility of eggs. Each season in the early spring many send long distances to get eggs from the pure bred flocks for setting purposes. Often the eggs are sent by express and are many hours in transit, sometimes days on the railroad. They are often allowed to stand where it is cold and sometimes become frosted in the express office. Extended experiments have been carried on by the Station to determine just how much cold the eggs will stand and still hatch without a heavy loss, and also to determine how many days they may be kept without sustaining great loss. To this end, eggs are subjected to different degrees of temperature for varying periods of time and then incubated to determine the relative hatchability.

Statistics compiled by the Chamber of Commerce show that the live stock and poultry products of the Inland Empire, composed of eastern Washington, northern Idaho, western Montana, northeastern Oregon and southeastern British Columbia, will amount to \$14,000,000 in 1907. This is an increase of more than 25 per cent. over last year. Sheep and cattle formed the bulk of the product, while swine raisers also made a good showing. It is declared by experts that according to its population, estimated at 500,000, the Spokane country has more high-grade horses, cattle, swine and sheep than any similar district on the continent. The breeders and growers have had an exceptionally profitable season, in fact, it may be said to have been the best in the history of the country, and there is every indication that the coming year will show even greater advances in the industry, which is recognized as one of the mainstays of the Inland Empire.

There is some talk of American and Canadian butter and cheese makers forming a union for the protection and advancement of their interests.

HARVEST RESULTS IN RUSSIA.

Official information regarding the results of the Russian harvests in 1907 shows that they approximate nearly to the average of the years 1901 to 1905, and are in excess of the 1906 figures. This gives entire contradiction to the rumors which were in circulation to the effect that exports were on the point of either being restricted or ceasing altogether. Autumn wheat has given an average yield, but results have only been very good in the eastern part of the province of Ekaterinoslav, and in some parts of the provinces of Orel, Voronega, and Koursk. Spring wheat furnished a yield generally satisfactory, and was at its best in the provinces of Tambov, Penza, Saratov, and in a part of the District of the Don. Spring and autumn rye have resulted in an entirely satisfactory harvest. Results were excellent in the provinces of the central agricultural district, and in a few districts in the neighborhood of the Volga. Nothing can be complained of in the south-west or in the north-west. The barley crop has been fairly good, the best results being furnished by the district of the Dnieper up to the mouth of the Don, and by the north of the Caucasus, Courland and Livonia. Oats have given a yield quite superior to that of 1906, and maize has also been good. The rye crop is estimated at 280,000,000 hectolitres, against 227,480,000 in 1906;

wheat, 185,900,000 hectolitres, against 185,680,000 in 1906; barley, 89,540,000 hectolitres, against 91,300,000 in 1906; oats, 184,800,000 hectolitres, against 139,700,000 in 1906. It may be recalled that the Russian population consumes much more rye than wheat, and that a difference of 62,000,000 hectolitres in the yield of rye is a very important factor in the food supply of the country.

THE MILLER.

THE REAL SOURCES OF WEALTH.

Too few people understand the real sources of wealth. These are largely the products of the farm. The prosperity which we have enjoyed for a decade has been largely due to good crops but it has been due in a much greater degree to an improved system of agriculture. Some years ago the Canadian farmer looked upon wheat as his only source of profit. He grew a few other things, mostly for his own use, but his thoughts, his calculations were all for wheat—it was his fetish. He lived practically on his credit all year round until harvest time. If the wheat crop was good all was well. If it failed he was in hard case for another year. The wheat was his only resource. But during the past few years, through the work of farmers' institutes and agricultural colleges and the stimulus given to observation and experimental work by an increase of the reading habit on the farm, the business of agriculture has been revolutionized, especially in Ontario. "Mixed farming" is now the rule. The farmer does not put all his eggs in one basket. He grows various crops and he pays much more attention than formerly to raising stock. He aims to have some sort of product ready for market every month in the year. If one source fails he has another—one that will bring the ready cash when it is needed. It took him a long while to learn that it is often more profitable to feed grain to cattle, which in prime condition will bring a high price, then to sell it by the bushel at a low figure. And it took him still longer to cultivate the courage to put his knowledge into practice. But he has done it. Mixed farming has probably had more to do with the prosperity which we have enjoyed than anything else. This unusual prosperity has made it possible for certain smart non-producing manipulators of stocks and of such commodities whose value depends almost solely upon the attitude of the public mind to evolve a crazy system of "finance." We have just seen the result. But the real sources of wealth are unimpaired, and all the coming winter the farmer will be effectively working them.—*Toronto Saturday Night.*

The total production of potatoes in Nebraska for 1907 is placed at 6,262,220 bushels, according to the bureau of statistics. The crop is valued at \$4,696,665.

DISEASE GERMS IN MONEY

Your money may kill you if you don't watch it. Bacteriologists say that the old green and yellow backs are loaded with disease germs. Don't count your money, they caution. Leave it alone. If you have a roll of the long green about your person lock it up in some place and don't go near it. It may cause your death. A money handler died here yesterday from a rare disease called myxedema—a disease caused by the germs which infect paper currency. His death is not the first, nor will it be the last, in the opinion of an official of the Sub-treasury, who declares the public take their lives into their hands if they handle paper money without the utmost caution. The money handler's death was due to his habit of wetting the tips of his fingers with his tongue. The infection spread to the blood, and in time a general thickening of the tissues followed. The thyroid gland was attacked, and from here it spread to the heart, the liver and the optic nerve, which it practically paralyzed. It is a puzzling disease, and the physicians were unable to stem its progress, although they identified the ailment.—*Pittsburg (Pa.) 'Despatch.'*

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