

**SCIENTIFIC HORSE BREEDING**

(Continued from Wednesday)

When in communication with stallion and jack owners one would believe that the per cent of foals was anywhere from eighty to 100, but by having the opportunity of confidentially investigating a large number of service record books, one learns conditions in a more authentic way, on the subject. The low per cent of foals in this country attracted my attention a great many years ago. I sold a stallion to an individual under a breeding guarantee and the stallion did not fill it. This surprised me greatly for I had stood this horse the year before. After I had investigated this case I found from the service record book that each time following the breeding of a certain mare, several other mares failed to conceive. This particular mare (as well as others of the same kind) was examined. Since then I have been investigating this matter a great deal farther and have been able by means of a culture secured from a diseased mare, to produce disease in a clean, healthy, productive dam to the extent that she would not fertilize during that year, under any condition. In the spring of 1910 I resolved to carry this mat-

ter on from a scientific standpoint and learn more about it. I employed several expert veterinarians to assist me in the examination of over a thousand barren mares. Among those were Dr. S. L. Stewart of the Kansas City Veterinary college, who was the successful investigator in finding the particular germ that is the cause of a great many mares being barren. These germs were injected into a clean, healthy mare and examination showed the condition this infection produces. This work was carried on with many subjects (mares and other animals) producing the identical symptoms in each case and in each animal dissected the same germs were found. All of these animals were previously healthy in the genital tract so far as could be diagnosed.

It is very interesting, indeed, to inspect a clean, healthy mare, using light, to diagnose the condition at the time of infection and then to notice the great change that has taken place in the genital tract in five days. The investigation along this line was carried on under the supervision of Dr. A. T. Kinsley, one of the best bacteriologists in the

world. A statement of this investigation has been sent to nearly every graduate veterinarian in the United States and accepted so far without any questions. The results of this investigation are probably the most important secured in all horse breeding history.

A stallion may serve a diseased mare containing these germs and transmit that infection to clean, healthy mares as long as two to four days after copulation. It does not seem to affect the penis of a stallion or jack, as in other cases of venereal diseases. This is probably the reason that this subject was never investigated. The first thought is that the penis of a stallion may be washed to prevent conveying infection to other mares. This is impossible, as a rule, for the glans penis is expanded during the act of copulation and usually wrinkles soon after ejaculation to the extent that it conveys enough infection to be serious. There is a small place on the penis (fossa) where the bean forms that is impossible to clean without an instrument to inject fluid into it as a cleanser. This is a serious condition and the only remedy at the present time is for the stallion and jack owners to reject all suspicious mares and not breed them with natural service at least. Every up-to-date stallion or jack owner should be able to diagnose certain conditions. We are sorry to say that the stallion or jack owners know less about their business than any other professional class of men—horse breeding is a profession now days. Many a stallion and jack owner is spreading infectious disease among the mares, that means a great loss to his community, as well as to himself financially. Stallion owners who are capable of making certain examinations with a view of refusing to serve diseased mares with a natural service, can usually increase their per cent of foals from twenty to thirty per cent.

The movement to make stallioners realize the necessity of this information must first start with mare owners. If they demand more intelligence in their horse breeding operations a great change will take place. The stallion or jack owner's business has been a "side line" too long. It must assume the position of a recognized profession before any great results in this line can be accomplished. A lot of stallions are being ridden throughout the country that have no value as producers, yet they are patronized extensively because they are convenient. I have seen the owner of a valuable mare refuse to patronize an excellent sire within two miles of his own place because a little mongrel would be brought to his barn yard without any inconvenience to him. It is this stock that prevents the purchase and use of valuable sires all over this country. If mare owners would study this situation and realize that colts sired by little misfit mongrels would be necessarily produced at a loss, they certainly would pay more attention to the selection of good sires.

(To Be Continued.)

Cure for Stomach Disorders.

Disorders of the stomach may be avoided by the use of Chamberlain's Tablets. Many remarkable cures have been effected by these tablets. Sold by all dealers.

"EVERYBODY GIVES; EVERYBODY WORKS; EVERYBODY'S SURE"

LA GRANDE IS GOING TO HAVE A

**YOUNG MEN'S CHRISTIAN ASSOCIATION**

La Grande needed it; found out it wanted it; decided to get it; and now will soon have it. This is the **La Grande Spirit**; the spirit that in the next few years will so help the natural advantages of this city as to produce a development greater than in all the past.

La Grande will grow; the country will develop; and the Rip Van Winkle who started his long sleep in 1900 will wake up seven years from today to see what was a country town transformed into a great inland metropolis.

The future of La Grande is the brightest star in the heaven of opportunity. Land values will advance, business will increase, population will grow, and prosperity will reign for years to come.

Call and let us show you something that TO YOU will be a real bargain in either city homes or investments, or in any kind of country property.

HOW DO THESE LOOK TO YOU?

<p><b>6 Room House, 2 Acres.</b> Fine plastered house, brick foundation, barn, chicken park, trees 9 and 5 years old, \$1,000 down, balance on plenty of time. Price \$3,000.</p>	<p><b>1305 O Ave., Furnished.</b> \$500 cash, balance \$20 per month. Price \$2500. 8 room modern house, furnished, wood shed, cement walks, lot 60x110. This is a good buy.</p>	<p><b>9 Room House, 403 Spring.</b> Two stories, bath and toilet. Dutch kitchen, sewer connected. This is a new house, built in 1912. Price only \$2,600, \$500 cash, balance in four years.</p>
---	--	--

**GEO. H. CURREY**

HE WHO SELLS Real Estate 108 ELM S., LA GRANDE, ORE.

**FRESH**

**Strawberries**

- Walla Walla Spinach
- Asparagus Rhubarb
- Peas New Potatoes
- New Cabbage
- Radishes Green Onions
- Head Lettuce Cauliflower
- Grape Fruit Oranges Lemons
- Bananas

Everybody is giving to the Y. M. C. A.---Help all you can.

**The City Grocery AND BAKERY**

HOME OF FANCY GROCERIES Phone Main 75

Steward's Opera House Tuesday May 20



HERE IS A CLEAN, WHOLESOME BULLY PLAY By Gene Stratton-Porter, author of "A Girl of the Limberlost." A NOVELTY SUCCESS UNIQUE SCENIC PRODUCTION Scintillating With WIT, MUSIC AND PATHOS Prices 50c 75c \$1, \$1.25

**The Clerks of La Grande**

Take this means of thanking the La Grande Milling Company for their generous donation to us on the commissions received from their flour sales running two weeks--which helps us out most wonderfully in purchasing our uniforms.

**Clerks' Baseball Club**