

HIGH SCHOOL COURSE IN AGRICULTURE

Note.—During the next few days this paper will publish detailed outlines of the work falling under the high school agricultural course as recommended by Prof. Breithaupt, head of that course. These articles, of which the following is one, show the nature of the work that will be taken up in the new course.

Agriculture VI. (Horticulture.)

This course would lead the student through the principle of plant propagation, vegetable gardening and fruit growing, through text book and laboratory work and by actual field practice. In a state fast becoming famous for her horticultural products, the value of the course needs no discussion.

Outline:

I. Plant propagation; (a) by seed testing, soil test, seed sowing, transplanting; (b) layerage, separation and division, hard wood cuttings, green wood cuttings; (c) grafting, budding, shield budding, root grafting, left grafting, herbaceous grafting, making of grafting wax; (d) study of fruit buds; (e) study of blossoms.

II. Vegetable gardening; location of market garden, market, climate, soil; production, hot beds and cold frames, methods of planting, cultivation, fertilization; marketing, preparation, boxing—wholesale vs. retail; study of groups of vegetables—bulb, cole, root, solanaceous, vine, pot, solid, immature, perennial, pulse and sweet herb crops. Each studied as to habitat, relationship, history of its cultivation, culture, soil and fertilizer requirements, propagation, sowing or transplanting, weeding, thinning, cultivation, training; harvesting, marketing, yields and profits, insects and diseases, types and varieties.

III. Fruit growing: Geography of fruit growing. Location of a fruit farm, locality, site, soil, frost, wind breaks, possibilities for smudging or other protection, market, tillage and fertilization, sod vs. tillage, cover crops, fertilizers and effects; planting, choice of varieties, age of trees, nurserymen and tree agent, plans for planting, depth, etc., pruning, reasons

for principle of, disbudding, thinning, spraying, history, reasons, methods and kinds of sprays, harvesting, storing and marketing—when and how to pick, methods of grading, packages and methods of packing, common storage, cold storage, selling direct, selling to commission merchants, cooperation.

Junior year, second semester. Three recitations and two laboratory periods.

Agriculture VII.

Animal Husbandry II: This course, like animal husbandry I, deals with the problems of animal production. Agricultural authorities agree that no general farming system which does not include stock production can long endure. The products of the soil must be manufactured into live stock products on the farm, thus leaving the fertility on the farm. This course does not conflict with the other in any way, but is a continuation of the work after the student has become familiar with the sciences, an understanding of which is entirely essential for effective work.

Outline: I. Care of animals—preventatives of disease, shelter, sanitation, food, prevention of common diseases and treatment.

II. Score card practice in judging animals of standard breeds and types and a study of breeds which are adapted to local conditions. III. Feeds and feeding—foods—nature of food in relation to the animal to be fed, constituents, per cent refuse, per cent edible, per cent water, per cent nutrients, protein, fat, carbohydrates, mineral matter; rations; classes, roughage, concentrates, kinds, composition, etc.; composition of foods, digestibility; effects on the animal and on the product; manurial value; feeding standards; food requirements and feeds for maintenance, growth, meat, fattening, wool and hair, milk, work; rations—compounding, methods of use, economy; systems of feeding—dairy cattle, beef cattle, sheep, swine, horses; practice in feeding animals.

Senior year, first semester. Three recitations, two laboratory periods.

typewriter has conquered one of those surging spirits whose strength constituted the backbone of the big fight of the last congress. For "Vic" Murdock, the heavyweight, red-headed, jovial leader of the house insurgents, who hails from Kansas, is down in a Wichita sanitarium with an insurgent stomach—and the doctors diagnose it "chewing-gumitis."

For Murdock, for some years has been one of the chief ultimate consumers of chicle. When his jaws were not working over some loud and lurid blast at "Uncle Joe" Cannon, the "Czar of the house" he could always be found masticating a good-sized cud of gum. Murdock explained that he contracted the gum habit in an effort to avoid the tobacco habit—and he didn't know which was worse.

The insurgent leader was at one time an inveterate smoker, and in endeavoring to find a suitable substitute for cigars, when his doctors told him he would have to quit, he took up chewing gum.

But he chewed a few too many. Perhaps he swallowed a few small but thoroughly efficient chunks of sweet scented chicle. Anyway when his stomach began doing acrobatic stunts early in the winter, the doctor declared it was serious, and forbade gum, shipping the "Red Terror" of Kansas back home for a spell.

Murdock is recovering rapidly, and he is now searching for a substitute for chewing gum.

As Bailey swells in his own estimation, he shrinks in public esteem.

NEWS OF THE NORTHWEST

B. C. Knocks Out Saloons.

Greenwood, B. C.—The British Columbia government will abolish all saloons in this province on January 15, 1914.

Winona Farmers Plowing.

Winona, Wash.—Farmers are preparing for spring work. The frost is practically all out of the ground and a few have started plowing.

Cattle Fed on Bunch Grass.

Howard, Wash.—Owing to shortage of feed several farmers have been compelled to drive their cattle and stock to the Columbia, where bunch grass can be found in exposed places.

Test Water at Yakima.

North Yakima, Wash.—Under the direction of Deputy Health Officer Sheeley three tests each week are being made of the city water for analysis by the state board of health.

Exonerate Northport Marshal.

Northport, Wash.—City Marshal Chris C. Anderson, who killed John Dimitroff Friday night, was exonerated at the coroner's inquest. The coroner, sheriff and prosecuting attorney conducted the inquiry.

Kahlotus Farmers Are Busy.

Kahlotus, Wash.—Recent rains, with warm weather, have taken all the frost out of the ground and spring work on the farms is now in full swing. There will be a great deal of spring seeding in this vicinity.

New Church for Hood Valley.

Hood River, Or.—At a meeting of the Pendleton Presbytery, at Parkdale, in the upper Hood River valley, it was decided to erect a new church. Rev. W. L. Van Nuys is the pastor and the membership approximates 100.

Wilson Creek Issues Bonds.

Wilson Creek, Wash.—At the meeting of the council Wednesday night an ordinance was passed authorizing the council to fund \$9000 worth of outstanding town warrants. The ordinance provides in part that bonds shall be of 20 years, interest payable semi-annually.

Lay Water Main at Ralston.

Ralston, Wash.—At a meeting of the commercial club Wednesday night arrangements were made for the Ralston Mercantile company and the bank to lay a 2-inch water main from the tank on Fourth avenue to First and Main streets.

Butters and Egg Prices Slump.

North Yakima, Wash.—The high cost of living in North Yakima is being reduced by a fall in the price of butter and eggs. Butter, which during the winter was quoted at 40 to 45 cents a pound, is now at 35 cents. Eggs, which were scarce at 50 and 60 cents a dozen, have dropped to 25 cents.

Kallspeil Talks Commission.

Kallspeil, Mont.—Commission government for Kallspeil was taken up by a committee of the young men's republican league of Flathead county and it is the purpose of the league to circulate petitions calling for a special referendum election to decide whether the city desires to adopt this form.

Stick Pierces Sister's Eye.

Freewater, Ore.—Leone Dausener, aged 6 years, daughter of Herman Dausener, section boss for the O.-W. R. & N. company, met with a painful accident Thursday evening while playing a game called "spikes" with her small brother Norville. He accidentally hit her in the eye with a sharp-pointed stick, which went through the eyelid.

Close Yakima Power Plant.

North Yakima, Wash.—Because of repairs being made to the Wapato power canal of the Pacific Power & Light Co., the water power plant is shut down and for 10 or 15 days current is to be furnished the city by the steam plant. Of the new extension of the intake pipe of the city water main, 1000 feet of the 8000 have already been laid, and 3000 feet of the ditch have been dug.

Hood to Build Good Roads.

Hood River, Ore.—Hood River county is determined to have good roads. Judge Culbertson and Commissioners Rhodes and McCurdy have secured a decision from the attorney general that a county can now incur an indebtedness as the citizens of the respective county might decide by vote. A circular letter will be written to the voters of the county and the matter will be fully explained. It is thought that the voters will gladly vote \$75,000 to be added to this year's tax and expend the entire amount on the roads of the county at once.

Co-eds Try Out for Debate.

University of Oregon, Eugene, Or. Much interest was shown Tuesday evening in debating by the varsity co-eds, when seven girls tried out for the team that will debate with a similar team of the University of Washington in May, and the rivalry for places was keen. It will require two more tryouts to decide upon the team. The following took part: Elizabeth Busch, Lilla Clark, Alice Stoddard and Carine Degermark, Portland; Birdie Wise, Astoria; Bess Cowden, Silverton, and Jessie Calkins, Eugene.

Eugene to Vote on Sewer Bonds.

Eugene, Or.—The Eugene city council has ordered placed on the ballots at the annual election April 3 the question of whether or not the city shall issue \$28,000 sewer bonds. An election was held three years ago authorizing the city to bond itself in the sum of \$50,000, and has since then issued \$22,000 on the bonds. It is now up to the voters to decide

RELIABLE DEFENDERS OF OUR COUNTRY, THE SOLDIER

QUICK TO REPEL ATTACKS

DR. KING'S NEW DISCOVERY

JUST AS QUICK TO REPEL ATTACKS OF

COUGHS AND COLDS

And all Diseases of

THROAT AND LUNGS

QUICKEST AND SUREST

WHOOPING COUGH

AND

BRONCHIAL REMEDY

Price 50c and \$1.00

SOLD AND GUARANTEED BY



whether or not the remaining sum shall be expended. This money will provide for two large trunk sewers, one through Fairmount, a thickly settled suburb, which is now entirely without sewers and the other running north and south on Tyler street in the extreme western end of the city.

Do you use an atomizer in treating Nasal Catarrh? If so you will appreciate Ely's Liquid Cream Balm, the quickest and surest remedy for this disease. In all curative properties it is identical with the solid Cream which is so famous and so successful in overcoming Catarrh. Hay Fever and Cold in the head. There is relief in the first dash of spray upon the heated sensitive air-passages. All druggists 75c, including spraying tube or mailed by Ely Bros., 56 Warren street, New York.

Blaine, Third, Weds.

Boston, March 10.—James G. Blaine, 3rd. son of Mrs. William T. Bull, and Miss Marion Dow, daughter of Mr. and Mrs. Richard S. Dow of Boston, were married here today. The ceremony was performed at the home of the bride's parents and was a quiet affair. Only the relatives attended, because of the recent death of Mrs. Bull.

The couple will sail for a six weeks' stay in Europe on Saturday, accompanied by William T. Bull, a half-brother of the bridegroom, who will study in Germany.

Finals for Pool Title.

New York, March 9.—Alfred Do Oro, the world's pool champion and Tom Hueston, the former title holder, will enter the last lap of their match at Doyle's Academy tonight.

Hueston relieved Do Oro of the title when the latter was champion three years ago, and his second contest is followed with interest by all the pool enthusiasts of the country.

"NEW YORK THE HOME OF UGLY WOMEN?"

"New York is the home of ugly women." This remarkable statement of George Lederer promoter of pretty-girl shows created a tempest and called forth heated denials from many quarters, but expert testimony seems to prove the truth of the assertion. Mr. Lederer said, in effect, that it was a hopeless job to look for beautiful maidens among those native to Gotham and that all his entrancing coryphees came from other sections of the country.

Harrison Fisher, the artist, who is famed for his portrayals of the American girl, admits that practically none of his models were born in New York. Henry Hutt says that the most perfectly beautiful maiden he has ever pictured was from Philadelphia.

A. B. Wenzell, an illustrator who has won fame by his portrayals of graceful womanhood, declares that of his four loveliest models, one was from Texas, one from Missouri, one from Ohio and one from Montana. The original Gibson girl was from Virginia. It has long been known that the native New York man is usually short on ability and that the metropolis looks to the bucolic districts for its leaders in finance, business and the professions. Now it appears that such pretty women as inhabit New York come from elsewhere.

CLEVER WOMEN.

Always Keep Their Hair Fascinating

and Free from Dandruff.

Almost everybody in Pendleton knows that there is no preparation for the hair that can compare with Parisian Sage.

It cures dandruff, stops falling hair and itching scalp in two weeks, or money back.

It puts radiance and luster into that dull, lifeless hair that many women possess, and does it in a few days.

On March 25, 1910, Lulu D. Fix, of Raphine, Va., wrote: "Parisian Sage is a wonderful hair restorer; it stopped my hair from falling out and stopped my scalp from itching; also cured the dandruff."

Parisian Sage is sold by Tallman & Co. for 50 cents a large bottle.



STACY ADAMS and ROYAL BLUE SHOES at A. EKLUND'S

VICTIM OF CHEWING-GUM.

Insurgent Chief Laid Low by Glib Habit—Victor Murdock in Hospital.

Alas, the vice of the pompaded shop-girl, and the be-puffed lady

SYNOPSIS OF THE ANNUAL STATEMENT OF THE

United States Fidelity & Guaranty Co

OF BALTIMORE, IN THE STATE OF MARYLAND, on the 31st day of December, 1910, made to the Insurance Commissioner of the State of Oregon, pursuant to law:

Table with columns for CAPITAL, INCOME, and DISBURSEMENTS. Includes rows for amount of capital paid up, premiums received, interest, dividends, and losses paid during the year.

Table with columns for ASSETS and LIABILITIES. Includes rows for value of real estate owned, value of stocks and bonds owned, loans on mortgages, and gross claims for losses unpaid.

BUSINESS IN OREGON FOR THE YEAR.

Table showing business statistics for Oregon, including total risks written, gross premiums received, and losses paid during the year.

UNITED STATES FIDELITY & GUARANTY COMPANY. By RICHARD LANG, Vice President. Statutory resident general agent and attorney for service: J. L. HARTMAN, Portland, Oregon. Hartman Abstract Co., General Agents, Pendleton.

Auction Sale

I will sell at public auction on the John Bahr ranch, 2 1/2 miles north of Fulton Station

Wednesday, March 15, '11

The following described property, to-wit:

25 Head of Good Work Horses
4 Head of Good Work Mules

- 2 Good Milch Cows
2 two-bottom Oliver Plows
4 Drills
3 Wagons
1 Hack
1 Rubber Tired Buggy
1 Gasoline Engine, 4 Horse Power
1 Chop Mill
1 Wood Saw
1 Fanning Mill
5 Sets of Work Harness
2 Sets of Hack Harness

Household Goods and many other articles too numerous to mention.

TERMS:

All sums under \$50.00 cash, over \$50.00 bankable notes bearing 8 per cent interest will be accepted, payable October 1st, 1911. 2 per cent discount for cash. Sale commences at 10 o'clock a. m. Free Lunch at noon.

COL. W. F. YOHNKA Auctioneer B. E. ANDERSON Owner