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APPLE WALK
PEAR LEAF BLISTER-MITE
(By Prof. W. H. Lawrence)
The pear leaf blister mite is a minute spider that does not exceed 1-100 of an inch in length and often times is barely one-half this length. Being so short and also very slender they are only visible under a good magnifying glass. The work of this pest is well known, however, by the greenish, pimple-like elevations induced in the young leaves, which, on enlarging, become red, brown and finally almost black. When abundant and close together these malformations, which are commonly termed galls, may coalesce, forming corky and more or less brittle patches which, if located near the margins of the leaf, may split open. Badly infested leaves lose their functions and drop. It is not uncommon to find trees with portions of the young growth partially defoliated. The mite also attacks the young fruit, but only temporary and slight injury is done, usually around the blossom end.

The blister mite hibernates in the buds during the winter. As the bud scales and buds begin to grow, the mites feed at the base of the scales until the blade of the young leaf unfolds, at which time they migrate to the leaf, into which they dig small, round holes, thus gaining an entrance into the leaf, where they feed upon the tissues. The irritation causes the galls, which are the summer quarters of the pest. The entrance to the summer quarters may be seen by examining the galls on the under side of the leaf with a good pocket lens. As soon as the mites are mature, eggs are laid within the galls. The eggs hatch in about one week. As the family increases in size, some of them leave their old feeding ground, crawl upward on the stem until they come in contact with a tender leaf, then dig into the leaf, forming a new gall. If conditions are favorable, reproduction and migration take place at such a rate that all the new leaf growth during the season becomes filled with the galls. With the close of the season, when the leaves begin to drop off, all the mites leave their quarters, passing down to the buds, into which they force an entrance and in which location they hibernates during the winter. Since the mites migrate from the buds to the leaves during the spring and from the leaves to the buds during the fall they are exposed for a time during each of the migratory periods. The exposure is greatest during the fall. In case of serious infestation spraying should be done both fall and spring. In case only one application is made the work should be done in autumn about the time 3/4 to 1/2 of the foliage has dropped. At this time the mites are working among the hairs on the stems and buds attempting to find their way into winter quarters. Spring spraying is effective if done at the time the bud scales have opened enough so that the young leaves are just beginning to show their tips. It is very evident that it is more difficult to reach the pest at this time since they are more or less protected. In making the application all infested branches should be thoroughly reached. The remainder of the tree need not be sprayed. Lime-sulphur of winter strength or Black Leaf 40 (1-1000) with 2 pounds of soap to each 50 gallons of the tobacco solution may be used. It must be borne in mind in doing the spraying that these spiders are extremely minute and that they are more or less protected, making it necessary to spray with high pressure so that the spray is driven in all crevices and comes in contact with the spider since the spray only kills by coming in contact with the pest.

FORMER DUFUR WOMAN KILLS SELF IN 'FRISCO
Attracted by the frantic screams of Miss Oille Smith, who, after eating a handful of poison, stood in an open window on the third floor of a San Francisco hotel and shrieked for help, Patrolmen Berg and Mullen rushed into the building and found the woman writhing in pain. Standing beside her in hysterics the policemen found a brother officer, Edgar C. Bluxom, who told them that he had seen her take the poison and that he had unsuccessfully tried to knock the powder from her hand. Ten minutes after the officers entered the room the woman was placed in the Central Emergency Hospital ambulance, but she died before the hospital was reached. An investigation by the police revealed that the woman came to San Francisco about six years ago from Dufur, Or., where her father lives.

Business Block for Sale
Buy a business block in downtown city property at a price and terms that suit you. Address Attorney E. H. Hartwig or A. A. Jayne, Hood River, Ore.

WOMEN LAUD WEST'S PRISON POLICIES

Governor West's prison policy, which has been of particular interest to Hood River on account of the convict camp at Shell Rock, is praised by the Oregon suffragists in their newspaper as follows: The state of Oregon has a hero for a governor. Too youthful to be a president and too small to be a policeman, Oswald West landed in the gubernatorial chair of his native state, surprising himself as well as those who voted for him, and has kept on surprising everybody ever since. His exploits have already given him a magazine fame throughout the world, but the journalists can't keep up with his red hot record for doing things. His honor system for the state penitentiary has proven a successful experiment in spite of the fears of his friends and the malicious prophecies of his foes. Gangs of convicts have been put to building roads in different sections of the country, on honor and without a guard; and, with very few exceptions, his trust in them has not been betrayed. They earn wages, part of which is put to their credit for the support of their families and the rest goes to the state.

BIG SURPRISE TO MANY IN CITY OF HOOD RIVER

Local people are surprised at the QUICK results received from simple buckthorn bark, glycerine, etc., as mixed in Adler-ka, the German appendicitis remedy. Chas. N. Clarke states that this simple remedy antiseptizes the digestive system and draws off the impurities so thoroughly that A SINGLE DOSE relieves sour stomach, gas on the stomach and constipation INSTANTLY.

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Notice of Final Settlement
In the County Court of Hood River County, Oregon. In the matter of the estate of Peter Detlef Hinrichs, Deceased.

Summons
In the Circuit Court of Hood River County, Oregon. Leander Francis Smith, Plaintiff, vs Clara Belle Smith, Defendant.

Notice of Hearing on Final Account
In the County Court of the State of Oregon for Hood River County. In the matter of the Estate of William H. Thomas, Deceased.

Summons
In the Circuit Court of the State of Oregon for the County of Hood River. Manning L. Howard, Plaintiff, vs Adolph Grodt, Bertha Grodt, Christian Frederick Grodt, Dora Grodt, Dora Grodt, Dorothy Grodt, Emma Grodt, Frederick Grodt, Frederick Grodt, Gustav Grodt, John Grodt, John Grodt, Johann Detlef Grodt, Johann Detlef Grodt, Johann Grodt, Neta Grodt, William Grodt, William Grodt, and Gustave Grodt.

ERNEST C. SMITH, Attorney for Plaintiff.

Notice of Sheriff's Sale
By virtue of an execution issued out of and under the seal of the Circuit Court of Hood River County, Oregon, upon a judgment rendered in the Justice Court of Hood River District, Hood River County, Oregon, and afterward transcribed and docketed in said Circuit Court, on August 1st, 1912, in an action wherein P. C. Young is plaintiff and Oscar Fredenburg is defendant, in favor of the said plaintiff, and against the said defendant, for the sum of \$23.00 with interest thereon at the rate of 10 per cent per annum from February 1st, 1912, and \$29.50 costs and disbursements, which said sheriff is and for said county and state, I have served upon all of the right, title and interest of the said defendant, Oscar Fredenburg, in and to the following described real property, to-wit: The southwest quarter of the southwest quarter of section 10, Township 23 North, Range 10 East, of the Willamette Meridian.

THOS. F. JOHNSON, Sheriff of Hood River County, Oregon.

Notice of Sheriff's Sale
In the Circuit Court of the State of Oregon, for Hood River County. Washington County Abstract Title and Trust Co., a corporation, Plaintiff, vs. C. A. Heath, Eliza J. Heath, E. F. Heath, Maggie M. Heath, L. A. Heath, C. M. Heath, J. Adrian Epping, Emma Epping and J. P. Thompson, Defendants.

THOS. F. JOHNSON, Sheriff of Hood River County, Oregon.

Summons
In the Circuit Court of the State of Oregon, in and for Hood River County. Shelle Lehman, Plaintiff, vs. Joseph E. Lehman, Defendant.

Notice for Publication
Department of the Interior U. S. Land Office at The Dalles, Oregon. Notice is hereby given that John C. Owens of Mount Hood, Oregon, who on October 30, 1906, made Homestead No. 15552, Serial No. 94922, or W. N. W. 1/4, S. 15 N. W. 1/4, S. 25 N. W. 1/4, Section 25, Township 1 North, Range 10 East, Willamette Meridian, has filed notice of intention to make final Five Year Proof, to establish claim to the land above described, before F. A. Bishop, U. S. Commissioner, at his office at Hood River, Oregon, on the 6th day of November, 1912.

Notice of Hearing on Final Account
In the County Court of the State of Oregon for Hood River County. In the matter of the Estate of William H. Thomas, Deceased.

C. W. MOORE, Registrar.

Notice of Sheriff's Sale
In the Circuit Court of the State of Oregon for the County of Hood River. Waring Thomas, Plaintiff, vs. F. R. Brydle and Mae Brydle, his wife, Katie Bartholomew, Anna Nielsen, C. H. Jackson, Andrew Bohrer, H. B. Miller, M. T. Kretzner, H. E. Williams, C. J. Robek, F. P. Strathens, J. R. Reed, Chas. H. Shastadt, J. E. Jensen, Florence Keech, L. J. Farmer, R. F. Wertheimach, W. R. Decker, Robert Palmer, G. O. Gunther, Hood River Commercial Orchard, a corporation, and Northern Trust Company, a corporation, Defendants.

By virtue of an execution, judgment, order, decree and order of sale issued out of the above entitled Court in the above entitled cause, to me directed and dated the 14th day of October, 1912, upon a judgment and decree rendered and entered in said court on the 7th day of October, 1912, in favor of Waring Thomas, plaintiff, and against the above named defendants, for the sum of \$2500.00, with interest at the rate of seven per cent per annum from the 4th day of August, 1910, and the further sum of \$250.00, with interest at the rate of six per cent per annum from the 7th day of October, 1912, and the costs of, and upon this writ, commanding me to make sale of the following described real property, to-wit: South half of Northeast quarter of Section 10 of Township 23 North, Range 10 East of the Willamette Meridian, in Hood River County, Oregon.

THOS. F. JOHNSON, Sheriff of Hood River County, Oregon. First issue Oct. 16, 1912. Last issue Nov. 13, 1912.

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