MEDFORD, OREGON, SUNDAY, APRIL 2, 1911.

Greater Medford Club Makes Preparations to Mount Collection of Birds Presented to Them by Dr. E. H. Porter.

The Greater Medford club at its last regular meeting decided to start the work of mounting the collection of birds given to the club by Dr. Porter. Only a part of the birds will be mounted now. This collection consists of 500 birds from the United States and the Philippines which have been collected by Dr. Porter and will be the nucleus for the mseum which Medford hopes to have some time. Cases will be made and the mounting will be done in Medford by Mr. Bartlett, who has made a reasonable offer to the club, and Dr. Porter who is conversant with the habits of the birds, will direct the final placing of them. Cases will be built in a room on the 1st floor of the new library, where the birds will be on exhibition.

The expectoration cards will be posted soon as they arrive and an effort will be made to at least keep the sidewalk in better condition; for a fine is attached to each offense A committe was appointed to have trees planted on the right of way of the Southern Pacific. The trees will be planted along Front street and will be a great improvement in the appearance of that part of town. It is rather late to put threes in, but it has been impossible for the club to have them put in until now, and they will be properly protected and taken care of. There are three entrances to the right of way, so that all teams will have plenty of spaces to use it without doing any injury to the trees The expressmen have moved their stand further down toward the freight depot, and there is room enough for them so that the rees will not interfere with them; but will be a protection to them in the future. The walks in both the new and old park have been graveled and it has made a decided improvement The remainder of the gravel, which was so kindly given by the Southern Pacific, will be used for walks about the new library and for walks in the other parks the women have in

## Evangelistic Meetings Close.

Today at the Presbyterian church the Evangelistic meetings close, Rev J. A. McVeigh gives his last three great sermons, At 11 a, m. he preaches. At 2:30 he addresses the men oly on the subject "Up Against It." McVeigh knows the world and has had experience from which he would save others. His last great effort is at 7:30 in the evening, Good music at all services. Large crowds are expected. Come early for a seat.

### Demurrers Filed.

CHICAGO, Ill., April 1.—Ten Chiengo packers, indicted for violation of the Sherman anti-trust law, filed late this afternoon demurrers to the government's action. They set up the claim that the act is invalid in that it fails clearly to define what is criminal under the law, and thata its wording is so broad that proper enforcement of its provisions is impossible. The entire plea rests upon the alleged unconstitutionality of the

# JOHNSON, NEAR DEATH, SAYS HE'LL RUN AGAIN

CLEVELAND, Ohio, April 1 .- Today as the anniversary of election as mayor of Cleveland, Tom L. Johnson aroused himself from what is thought to be his death bed, and announced that if he lives, that he will again run for mayor.

### Orchestra Coming.

The Russian Symphony orchestra will appear at the Natatorium on May 10.

Miss Wynn Coman, advance agent. arranged the date Saturday. This orchestra is known the world over and is considered the tinest in Sunday school at 10; Wednesday

show you where you can get it—at open to the public from 2 to 5 daily league at 7 p . m., and preaching at a year, the Spanish cabinet headed 7:30 p. m., by F. W. Eagan, under

Calendar for 1911

OFFICE OF PATHOLOGIST AND ENTOMO LOGIST, ROGUE RIVER VALLEY, MEDFO RD, OREGON, MARCH, 1911.

P. J. O'Gara, Pathologist.

WHEN TO SPRAY.

J. W. Myers, Chief Inspector.

See bulletin on "Lime-Sulphur" issued by this office.

The first codling moth spray will be more or less timely.

Sprinkle the grain thoroughly, mix on a bin floor, let dry and sow.

Mix well. Dust the plants well before worms eat in. If plants are heading, se white hell-bore, one ounce to two gallons of water.

Poisoned slices of potatoes may or may not be readily eaten. The use of black eaf 40 (1 to 800) applied to the ground about the plants will drive them away.

Soak the potato seed before cutting for two bours. Do not plant potatoes in round from which scabby potatoes have been dug. Rotate with other crops.

Bland the trees with "Tree Tangle-Foot." Tar or other sticky preparations should of be applied directly to the bark of trees.

Mix well together and leave where ands can feed upon it. The anta will go to their nests after eating and will die. Species which are cannibalistic will be killed upon eating the personed ones which returned to the nests.

Rabbits and ground squirrels may be polsoned with streening sulpinte. This clean may be applied directly to applies where they will be exten. There are less proprietary polsons purchasable at drug stores. Moles must be trapped.

Walls and furniture now he sprayed with 1 to 500 solution of corrective sublimite in sicohol. Alcohol will dissolve paint or varnish on wood and water
may be used in stead. Where it is possible, fundgation is best. Use evanide of
potassium 198 per centi, one ounce, by weight; sulphuric acid terudel, one sounce
liquid measure! water, two ounces. Place water in earthenware dish; aid the
sulphuric acid and then deep the cyanide of potassium in. Get out of the room
quickly, and close doors and windows tightly. Do not enter until more has been
thoroughly ventilated. This is a most deadly polassiu if labaled, and great entshould be exercised in its tore. The above formula is sufficient for 100 codes
pact of space. For fundanting greenhouses, it is sufficient for 150 codes for

This is a bacterial discusse of a large number of species of plants of widely operated genera. There is no cure of remody. All plants, such as pears, applies periods in our dry regions.

Pears, peaches, cherries, prunes, are all attacked by this insect. Write for Circular No. 131, Bureau of Entomology, U. S. Department of Agriculture, Wash-

To be combined with the first codling moth spray. See bulletin on "Lime Sulphur" issued by this office.

HOW TO SPRAY. Use plenty of pressure, 200 pounds or more is better than lower pressure. Apply thoroughly, drenching every part of the tree. Do not try to save by economizing on spray. If your trees are tall, use a tower and spray down from it. Examine trees after they are sprayed, especially for codling moth spraying, and see that poison has entered the calyx cups. Nothing short of good work should be tolerated Do not think that a spray applied out of season will be effective. A spray is only effective when applied at the right time. Sprays are not "cure-alls"; use the spray suited to the case in hand.

For further information write this office. Send for bulletins of the United States Department of Agriculture, Washington, D. C., also Station Bulletins. They are free.

WHAT TO USE.

SPRING  (1) When buds are swelling.	San Jose Scale. Eggs of Green Apple Aphls. Woolly Aphls. Pear Leaf Blister Mite. Eggs of Red Spider. Peach Leaf Curl Peach Moth. Moss and Lichens.	Lime-Sulphur— - 4.5 Degrees Beaume, (1.030 Specific Gravity)
	Apple Mildew Rose Mildew	Iron Sulphide.
	Rabbits and field mice.	Lime-Sulphur— 4.5 Degrees Beaume or stronger.
(2) When bud scales are opening.	Pear Thrips. (Other Species of Thrips)	Distillate Oil Emulsion.
(3) When last petals are falling and before cally closes in.	Codling Moth on Pears and Apples.	Arsenate of Lead— 4 pounds to 100 gallons of water.
	Apple Mildew.	1ron Sulphide— 10 pounds iron sulphate, 10 quarts lime-sulphur, 100 gallons of water.
(4) About first week in May.	Peach Blight or "Shot-hole"	8-8-50 Self-boiled Lime-Sulphur.
(5) When they appear.	Twig borer, caterpillars. Spring Canker worm.	Arsenate of Lend—4 pounds to 100 gallons of water.
SUMMER When pests appear.	Aphides (apple, pear, cherry, etc.) Woolly Aphis on limbs and branches. Red Spider. Oyster shell bark louse. Leaf hopper. Aphides on truck crops.	Tobacco Black-Leaf— 1 to 65; or Black-Leaf 40 (Sulphate of Nicotine) 1 to 800 or 1 to 1000. Black Leaf 40 is no doubt the best and most effective of sprays of this kind.
	Pear and cherry slug.	Arsenate of Lead— 4 pounds to 100 gallons of water; or use road dust, lime dust, or ashes
	Caterpiliars. Striped cucumber beetle. (Diabrotica)	Arsenate of Lead— 4 pounds to 100 gallons of water.
. 1	Root Maggots, etc.	Carbolated Lime.
and the second	Cut worms Grasshoppers, Flea beetle,	Bordeaux mixture as a repellant.
8 to 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Potato blight.	Bordeaux Mixture, 5-5-50.
The second second	Codling moth. (See note.)	Arsenate of Lead— 4 pounds to 100 gallons of water.
	Weeds.	Iron Sulphate (Copperas)— 20 per cent solution.
FALL Before fall rains begin.	Apple anthracnose. Peach blight, or "shot-hole."	Bordenux Mixture, 5-5-50.
Insect pests and fungous diseases con- trolled by other means than spraying	Pear blight. (All species of the pome family.)	Use Corrosive sublimate, I to 1000 as a disinfectant.
	Smut of wheat, oats, barley.	Formalin— 1 pint to 30 gallons of water.
	Cabbage worms.	Paris Green 1 part, bran 40 parts
	Climbing cut worms. Garden cut worms.	Paris Green 1 part, bran 40 parts.
		Poisoned slices of potato, Black-Leaf
	Wire worms. (Larvae of Click Beetle)	40.  Formalin 1 pint to 30 gallons of
	Potato Scab.	water.
	Grape mildew.	Flowers of Sulphur
	Tussock moth	Bands.
	Flat-headed borers, (Apple, pears.)	Wrappers, Shades.
	Peach borer (crown and root of peach trees.)	Poison Wash.
	Asparagus rust	Flowers of Sulphur.
. 314 (644 443 54	Strawberry crown-horer, and root borer.	No remedy to save affected plants
	Melon, cucumber, cantaloupe wilt.	Rotation.
	Ants.	Tarfar emetic 1 part, syrup 60 parts
	Rabbits: ground squirrels, moles.	Strychnia suiphate—
		traps for moles
	Hed buds. Fumigation of nursery stock, fruits, etc.	Corrosive Sublimate— Pumigation—  Pumigation—  1 oz. Potassium Cyanide 98 per cent 1 oz. Suiphuric acid, 2 oz. water.

WHAT TO SPRAY FOR

### First Church of Christ, Scientist.

Wednesday evening meetings at 7:30. of the Lord's supper at the close of Some of today's store ads probably All welcome. A free reading room is the 11 o'clock service. Epworth

### Methodist Church, South,

Insects in stored grains and fruits.

Crown gail

Service Sunday at I1 a. m., sub- | Corner of West Main and Oakdale ject of lesson-sermon, "Unreality." Sunday school at 11 a. m.; preaching 11 a. m., subject, "A Christian View Hipps, pastor.

# SPANISH CABINET FORCED FROM OFFICE

Destroy infected plants.

Carbon blaufphide.

### of the republicans. Radical measarea against the clericals were proposed by the opposition,

# A Working Man's Reward.

As revealed by a worker's experi-MADRID, April 1. After serving ence. At Smith's hall, Sunday a show you where you can get it—at open to the public from 2 to 5 daily league at 7 p. m., and preaching at an expect to pay, except Sanday. Church Edifice 212 8 p. m. Everybody welcome. J. P. by Premier Carateins was forced out auspices of Socialists. Everybody welcome. J. P. of office today through the activity invited.

## New City Stenographer.

Mayor Canou appointed Mrs. Graagrapher on Friday evening.

Mrs. W. A. Robbins, former city week, stenographer, had resigned asking April 1, 1911.

Mrs. Graham is a lady of wide ex- in Oregon and will try for the chamraphy and typewriting.

Three Costly Errors Are Made-Sacramento Tramples on Oakland-Vernon Puts It on Frisco Four to Nothing.

ť	ective when applied at the right time. Sprays are not	At Los Angeles— R. H. Portland0 1	3
);	artment of Agriculture, Washington, D. C., also Station	Los Angeles 4	2
		At Sacramento— R. H.	
ì		Oakland 7	3
	NOTES.	Sacramento	
ı	See bulletin on "Lime-Sulphur" issued by this office.	At San Francisco— R. H.	E.
Peach moth may also be controlled by applying arsenate of lead, 4 pounds to		A Francisco	
	For woodly aphis, do not full to spray bodies and crowns thoroughly. It is a good plan to preover roots, at least one foot from crown, and drench thoroughly.	Frisco 5	

LOS ANGELES, April 1 .- Portland lost to Los Angeles today by the This acts as a repellant. Not effective if used before the rainy reason is over close score of 1 to 0. The game by invines

### First.

Portland-Rodgers fanned. Cahdbourne out, Delmes to Dillon. Ryan fanned. No runs.

Use a nozzle with an angle of 45 degrees, and spray with pressure of 175 to 200 pounds. See that every young fruit has had spray forced into the calyx cup. Steay should be coarse and, if trees are tail, a platform on the spray tank should be used. Pears need not be sprayed until apples are ready, as pear calyces remain open. Repeat the above in a week or ten days. All moths do not emerge from their cocoons at the same time. Band some trees with cloth, the number of worms caught will indicate the effectiveness of the above treatment. Later sprays should not be coarse, but a fine mist, to cover fruit and folious. Los Angeles-Aiken flied to Chadbourne. Metzger lined to Sheehan. Moore out, Sheehan to Rapps. No

### Second.

Portland-Krueger flied to Daley. Sheehan fouled to Dillon. Rapps Do not apply within a month of picking, as fruit will be stained. To be applied where fall spraying with Bordeaux mixture has been omitted. A second treatment the latter part of May, if necessary. singled. Peckinpaugh flied to Daley. No runs.

Los Angeles-Daley out, Seaton to Rapps. Dillon flied to Krueger, Delmas flied to Ryan. No runs,

### Third. Portland-Kuhn out, Delhi to Dillon, Seaton out. Metzger to Dillon. Rodgers popped to Aiken. No

He sure to spray as soon as the colonies of the insects appear. In the case of aphides it is very difficult to eradicate them after they have curied the leaves badly. Remember this is a contact spray and the insects can only be killed by direct contact with the insecticide. The black-leaf may be mixed with arsenate of lead, if precessary, to save labor of double spraying, where aphis and codling moth are to be controlled at the same time. Los Angeles-Deal fanned. Smith out. Rodgers to Rapps. Dehli out, Peckinpaugh to Rapps. No runs.

Formula for carbolated lime: 10 pounds of lime; water, 50 gallons; carbolic acid, 1 pint or more. Slake lime with a little water, add rest of water and the carbolic acid. Fourth. Portland-Chadbourne fanned: Ryan out Delhi to Dillon. Krueger, For cutworms, kainit, which is a potash fertilizer, is effective.

For grasshoppers, it is usually necessary to cover young trees with choeseloth or netting where they are numerous. This should be done promptly upon out. Metzger to Dillon. No runs.

Los Angeles-Aiken flied to Ryan. Metzger singled. Moore singled. Metz-Spray thoroughly first week in June and two or three weeks later if necessary ger out at third. Ryan to Sheehan. Third application dependent upon season, but usually latter part of June. An implication the latter part of July may often be necessary. If the catyx spraying second, Chadbourne's error, Moore scoring. Delmas struck out, One This spray destroys mustards, dandellon, thistles, ragweed, and other broad-

### Fifth.

Portland-Sheehan flied to Daley. Be sure to spray all stone fruits as well as apples before fall rains begin. Do not wait for loaves to fall. Where apple trees are entirely free from anthracoose-cankers, lime-sulphur will prove quite effective. However, Bordeaux is much the safer. Fall spraying for pears unnecessary. Rapps repeated. Peckinpaugh fouled to Smith. No runs.

Los Angeles—Deal fanned. Smith flied to Ryan. Delhi fanned. No

There is no spray remedy for this bacterial disease. Carefully remove all in fections in the bodies, limbs or roots before the biossoming season opens. If bight appears during the growing season, remove it, using great care to cut well below infection point. Wipe the instruments and cuts with corrosive sublimate (bichlorid of mercury) I to 1000. This is the most serious of all orchard fruit diseases and the one most to be guarded against. Portland-Kuhn walked Seaton sacrificed, Dehli to Dillon. Rodgers fouled to Aiken. Chadbourne lined to Delmas. No runs.

Los Angeles-Aiken walked and was forced by Mtzger, Rodgers to Make a mush by adding some water, add a little molasses and sait; nix and scatter in small piles among plants, or in bed before planting. Be careful that out. Sheehan to Rapps. Dillon out Sheehan to Rapps. No runs.

## Seventh.

Portland-Ryan walked. Krueger safe on Aiken's error. Sheehan sacrificed. Dillon to Delmas. Rapps to Dust the sulphur on the vines frequently during the summer. If applied while dew is on the vines, it will adhere much better. Application by dust sprayer is more effective than dusting by hand. Commercial lime-sulphur, 1 to 75, has given fair results in California where mildew is serious. Smith. No runs.

Los Angeles—Delmas flied to Wrap young trees with heavy building paper at least a foot above ground, and have wrapper extend two or three inches below surface. Young pear trees out. Peckinpaugh to Rapps. No shake into the ground on southwest side. Place shake six to ten inches from runs.

### Eighth.

Use wash made as follows: 5 gallons whitewash. I pint liquid glue: 55 pint carbolic acid: 1% ounces Paris Green. Apply shout May 1st. This remety is to Dillon. Khun flied to Moore, Seable wrapped as for apple borers. ton fanned. No runs.

Three weeks after cutting stops, spray with whate oil soap and water is pounds to So gailons of water), then dust with flowers of sulphur at the rate of to Rapps. Aiken safe. Sheehan's ercounds of flowers of sulphur per acre. A month later, apply on dewy mornings, 150 to 200 for. Metzger safe. Peckinpaugh's ror. Metzger safe. Peckinpaugh's There is no known remedy. Destroy infested plants before May 1st. Do not error. Alken going to third. Metzger replant in infested ground to second. Moore hit to Sheehan, who Do not plant in soils in which diseased plants have grown Practice rotation caught Alken out at home. Khun with other crops threw Moore out at second. No runs.

> Portland-Rodgers out. Chadbourne out. Hyan safe. Delmas' error. Ryan out, stealing,

Ninth.

# HIGH SCHOOL BOYS PLAY BALL MONDAY

The high school base ball team will begin practice tomorrow after-Place in shallow dismos in the bins. The gas, being heavy, will go downward noon, after school,

Coach Hall has sent word to all

candidates to be at the grounds not a later han 4:15 p. m.

The team will have batting and ham to fill the position of city sten- fielding practice and the men chozen for their positions on Monday of next

Bunting, signal work, hit and run that her resignation be in effect on and squeeze plays will be taught the young candidates.

The team will be one of the fastest