PROTECTION OF ORCHARD BY SMUDGING

P. J. O'Gara, Scientific Assistant, Fruit-Disease Investigations, Bureau of Plant Industry.

and then be referred to table II. successfully handled, in best when using the psychromthe table. In this way greater of fires and smudges. net not be overlooked in the mat- to be the best fuel. of selecting the thermometers is the two instruments should read to 20 degrees F. it would seem that

(2) Several good thermometers, (4) Shavings, chips or other fine Semperature of the air which sur- matches. ds the fruiting portion of the

(4) An anerold barometer. This has occurred during the night. rument is rather costly, being (6) The cost of firing with wood under the splendid nursing of Mrs. means that there is a consid- higher.

. These reports would indicate, no fruit.

a sising the instrument, wet the at least in a general way, the kind bulb and whirl it rapidly so of weather that would be likely to Emeraporation will take place from occur within a certain time and swet surface. The whirling should would give this information long continued until the mercury is enough in advance so that preparagin as low as possible. When it tion might be made for firing in the ot be lowered any farther it orchards. For very small orchards

Conclusions.

to take several readings and (1) There is no doubt that frost take the mean before referring injury may be prevented by the use the neighbors gathered at the home houses, to say nothing of the old rejected.

gracy will result. One point which (2) Wood and coal have proved

alike for all temperatures, 50 fires per acre are necessary. Only Talent last Monday after berries to many it is the difference between half as many are needed when the can two thermometers that is of the temperature reaches, say, 25 to 26 degrees F.

that we wish to know about. valuable for producing dense smudges precarious condition, but is much im-(3) Maximum and minimum ther- but are not effective in raising the proved. It will be weeks before he seter. This instrument is not temperature in the orchard. The val- is able to resume his run on rural relately necessary, but it is very ue of the smudge, or dense smoke, is, route No. 1. Mr. Grieve is conscious. effed in serving as a check upon the more to protect the trees from the but not allowed to talk or undergo boxes. ervations made with the other early morning sun where some slight any undue excitement. It is the befreezing of the blossoms and the fruit lief of Dr. Pollnitz that Mr. Grieve

th from \$18 to \$20, but if a sin- and coal, including labor, should not Grieve. grower does not desire to buy average more than \$2 a night per S. Conutt, formerly a resident of several might purchase the in- acre, even where it may be necessary Central Point, but now of Tolo, was ment together. This instrument to keep the fires burning five or six transacting business here Monday ites the air pressure and the hours. In some localities where and reports much improvement in the and lows which may be seen wood can be had without expense ex- new town, and that 40 buildings are ked on the weather maps. Dur- cept for hauling, these figures might to go up as soon as logs can be taken a meriod of high pressure the be reduced somewhat. However, in to the Tolo mill to make the lumber. a week's recreation and close his es are that frosts may be ex-localities where wood is rather scarce Some new business houses are alded, while during low pressure, they would probably be somewhat ready complete and more are to be

the quantity of water vapor in the (7) The results of the past sea- can be obtained.

(5) It would also be well to get ing examples have been seen where having him as a citizen. daily weather maps and warn- unsmudged orchards adjoining those Mr. and Mrs. S. K. Adams were in from the nearest weather sta- that have been smudged have borne from the Eagle Point vicinity Mon-



EAGLE POINT EAGLETS

By A. C. Howlett

A gentleman from Portland by the night on his tour of inspection. I understand that Mr. Parden, the ly injured that his physician forbids

syton stage and stopped for a day A. H. Boothby and wife and son twe to have an operation per- Percy and wife called Friday evening ed on his tonsils, but our doc- on their way to Medford. A. H. was called away to Talent, so Boothby and wife are on their way w had to go to Medford to have to San Joaquin valley, California, whre he has resided for the last year or more. Mr. Boothby was for a Since I last wrote we have had our number of years a resident of this ze of auto riders, and they genvalley and for a number of years reabout dinner time, sided in Klamath county, Oregon.

ursday, T. K. Bolton, C. M. Staand R. L. Burdie of Ashland, empanied by H. M. Coss. They simply riding around to see the sthat was good. F. Huff of Dunsmuir, Cal., was

ong the callers Thursday night. Our railroad agent at the Pacific e came out to try to buy out our & Eastern depot of this place has eksmith business of W. L. Chilmoved from the Sunnyside hotel into the house recently bought by I. B. good a thing here, for he has all Williams, and vacated by Professor

his other helper, the shoer, Geo. Quite a number of the railroad men quit work on the road Friday here, C. B. Webster, wife and little boy but said that they were going to ane out from near Peyton on the other camp. The P. & E. R. R. Co.

Benj. Howe of Talent came Saturday afternoon on his bike on his way to Elk creek to visit his sister, who Mr. Powers, deputy sheriff of is engaged teaching a school about offic Falls, stopped with us Wed- five miles above the mouth of the

been out to Medford and stayed Mr. Wheeler, of the firm of Classic to catch the Eagle Point and pil & Wheeler of Butte Falls, stopped here Friday night, as did also Ed

as also looking around to view out Medford. e prospect for an electric plant W. A. Gellatly, sheriff of Benton He is interested in an electric county, Oregon, his two brothers, R. in Dunsmuir, Cal., and would G. Gellatly, of Cheomoth, J. A. Gel e no establish one here and thus latly of Wenatchee, Wash., mayor of Time the water power that is going the town of Wenatchee, with son and daughter and Miss Farris. J. A. Waste. W. G. Wright, a daughter of Gellatly and family came all the way r. Hawk of Clark's creek, recently from Wenatchee, Wash., in his auto. I as Angeles, stopped here on They are going to Crater Lake and wraday night on her way to Grants will then proceed on north through se for medical treatment. She is Eastern Oregon to Pendleton in their propanied by her stepson and auto, and thence on to their home in Wenatchee, Wash. They are a jolly

J. W. Dean of Wagoner creek ame down to Phoenix Monday.

Mr. and Mrs. Joshua Patterson ning. vere over in Fern Valley Sunday visiting their daughter, Mrs. William

down from Ashland Saturday eve- Phoenix last Monday forenoon, ning to visit her sister, Mrs. Sam

North Phoenix were Medford visitors are five new dwellings under way, mit, but as the board had heretofore

Phoenix, was in Medford last Thurs-

visitor Monday morning. Mrs. A. B. Fern was over in North at a good figure.

ent was in Phoenix Saturday eve-

Sanday evening.

Mr. and Mrs. W. S. Stancliff were risitors at the home of Mr. and Mrs. the limit, six. Lem Hughes of Fern Valley was Ed Hamlin of Eden Valley last Sun-

F. E. Furry, the liveryman of two barber shops and a bath, a big and which order was sanctioned by soon to have another large packing see its way clear to overrule its for-

James Allen of North Talent is Miss Clara Allen was a Phoenix delivering about 20 tons of alfalfa hay to different parties in Phoenix

CANNOT HAVE A

WEED, Cal., July 12.-The board of supervisors at Yreka yesterday rejected the application of the Weed Lumber company for a liquor license V. A. Dunlap and daughter, Miss permit for a saloon here. Last year Bertha, of Talent, visited in Phoenix the board limited the number of saloons in Weed to six. At that time John Shideler of Talent was in there were seven, but a short time ago one of the saloons went out of commission and Weed has only had

SALOON AT WEED

The Weed Lumber company made application to the board at the pres-Talent continues to boom. There ent meeting for a liquor license perbesides we have a big furniture store, made an order limiting the number, hardware store, a box factory, and the residents of Weed, it could not Last Sunday afternoon several of house. These are all new business mer order, and the application was

SAYS ALL WHO LOVE CHRIST ARE GETTING TOGETHER

CLEVELAND, O., July 12 .- A Wiley Turnbow left for Sterling giant combination in religions is the early Monday morning to aid in future told by John D. Rockefeller fore his Bible class yesterday, declared that in time there will be a amalgamation of all religious.

"People who love Christ are com ing together," Rockefeller said "They will unite, regardless of slight differences in present religious or-

a want ad-and you'll sell that property as sure as-taxes!

peaches, blackberries, loganberries A ten-minute "struggle" in writing and cherries. The merchants report

Charles N. Weller, an experienced

James McDowell, the city savior "tall unmined" to recuperate.

Am ready to contract immediately Agency for the Parry Cars. Rogue A. C. Allen, 7061 Farmers,

big sales of fruit jars and berry

steam laundry operator, was in town today looking over the field with a view to establishing a steam laundry at Central Point. While the Medford laundry is giving satisfactory service, likewise the laundry at Ashland, yet we need a home laundry and could give it much business.

of shoe soles, will go to the hills for shop. Business has been so good Quick Service. that he has overworked and in the interest of his health he takes to the

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The Only Beach in the Pacific Northwest Where the pretty Water Agates, Moss Agates, Moonstones

Cornellans and Rock Oysters can be found. Outdoors Sport of all Kinds

Including Hunting, Fishin , digging Rock Oysters, Boating, Surf Bathing, Riding, Autoing, Canoeing and Dancing. Pure mountain water and the best of food at low prices. Fresh Crabs, Clams, Oysters, Fish and Vegetables of all kinds daily. IDEAL CAMPING GROUNDS, with strict sanitary regulations, at nominal cost.

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A Sunday Excursion Rate of

from Albany, Corvallis and Philometh, with corresponding low rates from points west, in effect all summer. Call on any S. P. or C. & E. Agent for full particulars as to rates, train schedules, etc.; also for copy of our beautiful illustrated booklet, "Outings in Oregon," or WM. McMURRAY,

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E. G. Trowbridgde, Prop.

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Allen & Reagan

COR. MAIN AND CENTRAL AVE.

and the next morning on business.

starned on Friday and Saturals the stage for their home. arned on Friday and Saturday

John P. Clum, one of the postoffice erowd and are going to see what is

wild be read simultaneously with preparation may be quickly made, dry bulb thermometer. The tem- but where the tracts are large it ture of the dry bulb, which is the requires some time. Without doubt semperature, and the difference the small tracts of say ten acres or een it and that of the wet bulb less cain be much more easily and

(3) Where the temperature drops

should be placed at different material in paper sacks saturated to in the orchard at an eleva- with crude oil or kerosene have been of from four to five feet from found best for starting the fires ground. Temperatures near the quickly. Kerosene torches for lightare always much lower than ing the fires have also proved to be s tour or five feet higher. It is very serviceable as compared with

(5) Straw and stable manure are by heat last Saturday, is still in a

a low pressure of the atmosphere acre have been saved at a total ex- the farm. Mr. Tullier is still \$20 per acre for firing. Very strik- Rogue River valley is fortunate in



of M. West came out from Herd Tuesday night and the next gentleman who bought the Joseph ming took the Eagle Point-Trail- Rader place, has had his leg so bad-George White and wife came out his using it, but I did not learn the aday evening on the Eagle Point- enuse of the trouble.

> Rev. Reuter, formerly of Medford, having acted as pastor of the First Methodist church in that city for some years, but now he has charge of the church at Newport, Or., came out Friday to look after a young

orchard he had planted near here. work that he, his brother Henry P. H. Daley.

Tuesday night, went to Med- has begun to lay steel again.

anday night on his way home. He creek.

16. H. Johnson of Dunsmuir, Cal., Walker of the Iowa mills, near Butte Batte Falls, Crater Lake, etc. He time to see the train move off for

EDEN PRECINCT ITEMS

Miss Gussie Clinchammer came

in the city of Medford last Saturday. day. Mr. and Mrs. W. E. Anderson of

of Mr. and Mrs. C. Carey and enjoyed ice cream.

J. S. Spitzer of Talent was a fighting a forest fire which he fears and which is being discussed by the Medford business caller last Monday will reach his buildings on his ranch theologians today. Rockefeller, be

James Grieve, who was overcome regardless of hot weather, are busy canning hundreds of quarts of will soon rally and grow stronger

erected when home-sawed materia!

sphere, frosts are not so likely son's work in the Rogue River valley | Louis L. Tullier was transacting appear. This instrument would have shown that many acres of crops business in Central Point today and ate the movement of the high valued at from \$500 to \$1000 per reports all things as flourishing on act as a check upon the phy-penditure of not more than \$15 to booster of the first water and the

> day trading and marketing products. Central Point is many degrees cooler than in the past few days, 97 being the highest point reached by

a size larger than a "balmy breeze." Mayor Leever is building a garage for his new White Steamer, which is to arrive in a few days. It will be the handsomest automobile in Central

Secretary William E. Kahler of the Commercial club was kept busy for several days the past week answering correspondence and sending out booklets to eastern parties who had requested them. The secretary now has a neat new return postcard

which is a novelty in the line of a baby booster. Work will be resumed next Monday on the Whiteside Childers block.

corner Fourth and Pine streets. The city council is talking of building a high board fence around the bastile to keep the vermin from carrying the thing away. Many of our citizens packed up

valley property, but few cash buyers.

bag and baggage today and left for Ashland to camp during the chau-Real estate dealers report business the quietest in many months. Hundreds of letters offering to trade eastern property for Rogue River W. E. Whiteside has been busy the past few days completing the inside

low, into which he recently moved The housewives of Central Point

finish of his fine Pinc-street bunga-

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80 acres improved land; several good springs; louse, barn, etc.; 5 acres in bearing fruit; 5 acres good corn; 6 tons hay; if sold at once, \$40 PER ACRE TAKES IT.

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