CO-OPERATION IS WATCH-WORD OF COAST

Movement of States to Combine in Harmonious Effort for Progress Awakens Favor-, able Comment.

Los Angeles.-Co-operation is the watchword by which the Pacific States region will extend its influence and prestige. The movement to bring the Pacific States, Oregon, California, Washington, Idaho, Nevada, Utab, and the territory of Arizona into har-monious and combined effort for progress is meeting with great favor and is being favorably commented upon by the press and public of the Pacific States.

The commercial bodies of those of the Pacific States which are not already organized into a State central body are taking steps to bring about this important result and when this is accomplished-which promises to be in the not distant future-the State commercial bodies will all work together into one central association representing the whole Pacific States region.

The central association will be built upon sound lines. It will represent the highest type of unpolitical co-operative work for progress in the history of the west. The hundreds history of the west. and even thousands of men who support the commercial organizations and are numbered among the men who have hope for the west. Their effort is unselfish for they share re-sults with the rest of the community.

The state commercial organizations in turn are representative of the spirit of co-operative effort in the several states. They mean that all the commercial bodies in any one of the Pacific States have 'gotten together,' which provides the machinery for effective work on a business-like basis.

Even the moral support which one section of a State or one city in a State may receive from all other portions of that commonwealth has a tremendous commercial value. A spirit of helpfulness in a State existing between the different regions enhances the opinion in which it is held throughout the world, and has a finds a proper outlet in vigorous and continued action.

The different Chambers of Commerce and other commercial bodies are rapidly preparing for combined state effort, and the whole Pacific States region will be in a better position than at any time in its history to take advantage of the attention now focused upon it.

American Mining Congress Choses Its Officers.

El Paso.-Officers of the American Mining Congress were chosen by the executive committee as follows President, J. H. Richards, Boise, Idaho; first vice president, Thomas Ewing, San Francisco; second vice president, E. R. Buckley, Rolla, Mo.; third vice president, E. A. Col-

next year was postponed until the government. next meeting of the board, which will probably be held two months hence.



Government Increases Protected Area to Further the Work of Reclamation.

Washington.-The recent expansion of the Tahoe? Forest Reserve, in California, to include various watersheds of the American River, and also the house have begun to open up the Taboe and Truckee basins, in furtherance of the work of the United States Reclamation Service of the Truckee-Carson project, has been followed by a further extension of the forest reserve area in that region to cover the portion of the crest of the Sierra Nevada Mountains lying between the Tahoe and Plumas Forest Reserves. designated the Yuba Forest Reserve, contains a tract of 527,200 acres, vary-Nyewan and his staff are said to be ing in altitude from 2,000 to 9,000 feet, extending well down from the crest of the mountains to the high foothills a few thousand dollars. on the west and to the Sierra Valley on the northeast. The western slope contains the watersheds of the north and middle forks of the Yuba River, in which the customs house is located in the soil by natural drainage, and while the eastern slope is drained by the Little Truckee River, flowing toward the State of Nevada.

The stream flow of this region, on both sides of the range, is of considerable importance in connection with irrigation projects now under way by the Reclamation Service, as the drainage of the Little Truckee River is mainly depended upon to supply two of the reservoirs in the Truckee. Carson project, known as the Little Truckee Reservoir No. 1 and the Henness Pass reservoir, involving a cost of over one hundred and thirty thousand and are working with united effort dollars, while some of the headwaters through an established organization on the western slope are looked to as contributing streams in the great Sacramento Valley project, which has in view the irrigation of a large portion of the Sacramento Valley.

Army Marksmen to Slaughter the Seals.

have an enviable time. It appears that on the coast between Calais and Boulogue the seals are so frequent

The Minister of War, in response to shots in several garrisons shall go and slaughter the animals.

Fight Hailstorms With Wireless Waves.

Turin. - Through experiments with sort to arbitration. wireless telegraphy a new use has been discovered for the Herzian waves during the eighteen months strife which may prove of vast benefit to in Manchuria 20,000 innocent Chinese farmers in districts frequented by lives were lost, and some reparation hailstorms.

Acting upon his discovering that the electrical oscillations had a preceptible effect upon a hailstorm, Lieut. Ettmore Rotta of the Italian Mo.; third vice president, E. A. Col-barg, Colorado Springs, Colorado; secretary, J. H. Galbreath, Denver. Selection of the mating place of the matter of successful many of the Americans and hope of Selection of the meeting place for has been warmly congratulated by his all the Panamaians.

CANAL ESTIMATE MADE

IN FIELD OF **BEGIN TO APPRAISE MISS ROOSEVELT'S PRESENTS**

Officials Find It Difficult to Assess the Goods on Their Commercial Value-President Tells Them They Need Not Hurry.

Washington.-The examination and appraisement of the presents received by Miss Alice Roosevelt during her visit to the Orient has begun. The officials at the Georgetown custom seventy-seven boxes in which the presents were shipped and other souvenirs of the visit which resulted in partial conquest of the far east by

the President's daughter. The custom officials say the task is anything but an easy one owing to the necessity laid upon them to appraise the goods on their commercial value. This new reserve which has been Only about one-third of the boxes Nyewan and his staff are said to be somewhat surprised as the valuation of their contents will exceed scarcely tew thousand dollars. Although the presents have laid in grow in the manure, and the use of

the strong room in the basement of such manure may often be the cause for three weeks, guarded night and land receiving the drainage from inday, there is no effort to get rid of them quickly. When the President in-structed that no special hurry was desired and that they should take the potatoes when planted on new or old regular course, the officials devoted their attention to appraising the large scabby crop, but the amount of the amount of merchandise that had already arrived. They were unusually busy owing to the importation of Christmas goods.

CHINA'S LOSSES BY WAR

Estimate Shows That She Was Damaged to the Extent of Twenty Million Dollars.

Chicago.-A dispatch to the Tribune from Washington, D. C., says: In-formation has reached Washington which shows that the Chinese government is well advanced in its task of Paris.-The good army shots are to estimating the damages to Chinese property by the late war between Russia and Japan.

This possibly will amount to \$20,value not measurable on a commercial that they have become a positive 000,000 the figures gathered so far basis. By organization this spirit danger to the fishing industry. showing a total of \$12,000,000, this being incomplete. Whether China a petition, has consented that the best will be reimbursed is a question. It is not thought now that the matter will be taken before The Hauge tribunal, as would be the natural course, and China is confident that potatoes should never be fed to the two powers will settle without re-

A careful estimate has shown that will be demanded on this score.

Panama Wants Roosevelt.

New York .- A correspondent of the gives equally as good results as cornavy has invented an apparatus for protecting crops from hail. The chief feature of the invention is the wire-Roosevelt as a resident of the isthmus

This material does not in any way Perhaps the wish is father to the thought, but it is widely circulated injure the tubers or make them man of the canal commission and immediately take up his residence the disinfecting solution. and to that after Mr. Roosevelt retires from dangerously poisonous. One pound young chicks.

them to become addicted to egg eating feather-pulling.-Successful and Farmer.

They Are the Best.

The reason why the products of California are finding an ever-increasing sale in the markets of world is not far to seek. It is because they the largest, the best flavored, most carefully packed, have the best soil in which to grow and have cloudless skies in which to mature.

This is true of practically the entire list of fruits, citrus, as well as de-ciduous. The producers of this Scab of Potatoes-Reported New Insecticide-State, have been given a great advan-Care for Hens Now-They Are the Besttage by nature over other sections of the globe, in the country in Commissioner's Bulletins-Caper Culturewhich they do their work. Soil, sun and water are the three foundations which make California fruits the The tirst complete trainload of hest in the world, and that is why the market for them is growing larger Scab of potatoes caused by

and better with every passing year. angous plant working in the surface The entire world is our market, and of the potato. The germs of it are very abundant, and live for many years in the soil, and also over winit is our business to cultivate it .-California Products. ter on the potatoes. If these germs

Commissioner's Bulletins.

The State Commissioner of Horticulture has issued the first of a series of monthly bulletins any of which may be had upon request, of the Sacramento office. These publications will serve as a medium between the State Board and the horticultural officials of the State, and in addition, will contain information upon new potato iand will generally produce a insect pests, the increase or decrease of established species, methods used disease will generally be much more in fighting injurious insects, the progress of quarantine work, information upon bacterial and fungous Procure from a druggist two ounces of powdered corrosive sublimate (mer diseases and upon the unification of tree inspection throughout the State. curic bichloride), put this into two gallons of hot water in a wooden or earthenware vessel and allow it to The new law makes the State Commissioner an ex-officio member of every County Board of Horticulture. It is in recognition of this relationstand until dissolved. Place thirteen gallons of water in a clean barrel, pour in the solution of corrosive ship and the desire to harmonize the sublimate and allow it to stand two work of all offices that have induced or three hours, with frequent stirthe publication of this valuable rings, in order to have the solution monthly circular.-L. A. Times.

Caper Culture.

The caper of commerce is the pickled flower bud of a shrub that grows in Southern Europe. The business of raising capers for the market might well be taken up in the arid lands of the Southwest, and some of the Southern States. In all parts of California this shrub makes a phenominal growth and aside from its commercial value, it is highly ornamental, having fine large white flowers from one to two inches across. The U. S. sends thousands of dollars Europe every year for capers to which should be kept at home.-California Cultivator.

Poultry Notes.

Scatter the evening roost hungry. food near the roosting places. Do not be too sure that your poultry

have no lice, examine them and find rosive sublimate. It is slightly more expensive, but the expense is light out.

Will a lazy hen produce an egg that in any case. It has, however, great advantages over the latter in that it is will hatch a vigorous chicken?

not so dangerous, and being a liquid is easily diluted for use and may be placed in any kind of receptacle. will often prevent bowel trouble in California Cultivator.

> A good poultry house saves feed. If you have one plan to build it before

SHORT ITEMS OF INTEREST.

There are on exhibition at the Riv. erside Chamber of Commerce two mammoth pumpkins. One of them weighs 117 pounds, and the other 90 pounds.

Professor Waite, whose work in connection with the pear tlight is so well known in the Sacramento Valley, is now on his way to California from Washington.

Ventura county ranchers get five dollars per ton for baled bean straw, in the field. It is used for cattle feed mixed with beet pulp and in some cases it is fed to horses.

The cantaloupe growers of the Exeter-Lindsay district met recently and after a short discussion concluded to organize an association for mutual benefit, and head off the steal

potatoes ever shipped from California by one firm was sent east last week from Stockton. It consisted of thirtylive refrigerator cars containing 270 sacks to the car. or a total of 9,450 sacks of 1,334,000 pounds of tubers.

Five hundred acres in the Coachella valley will be planted to grapes, Orders to that amount have been placed. The past season proved that table grapes can be put upon the market here, nearly two months earlier than from any other place in the United States.

The citrus fruit crop in Ventura promises to be from 10 to 15 per cent. greater than last year, and the price also promises to be better, especially on oranges. The growers in several parts of the country have made extensive additions to their packing houses, notably in Santa Paula and at Limonera.

First shipments of oranges have been made from Exeter, Tulare county, and Rocklin, Flacer county. These oranges are not ripe; they are merely yellow and have the exterior appearance of ripeness, but since the Placer county oranges are des-tined for Australia, these at least will be ripe before they reach their destination.

The twelve acre, fourteeen year old lemon grove of Henry Bigelow, at San Gabriel has been a winner this season. He has picked lemons twice a month since May, and has sent 2,338 packed boxes to the market. For them his gross returns have been \$10,677, and his net returns, exclusive of picking, \$9,986-or practically \$10,000 from twelve acres.

The manager of the California Raisin Growers' Company at Fresno, received notice from 137 different insurancee companies withdrawing their insurance from the packing houses and fruit now owned by the association. Kaisin insurance is re-garded as extra hazardous and is divided among several hundred companies for that reason.

Perhaps the most profitable lemon trees in the whole State this year are Never allow your poultry to go to eighty-two full bearing Villa Franca trees in the neighborhood of Chula Vista, San Diego county. They have had a phenomenal summer crop, and besides the fruit has brought extraordinary prices. From these trees on less than an acre, have come 332 packed boxes. These went in a car to It is easier to digest soft food than hard grain and fattening fowls should be given their feed in this condition. Scalded milk substituted for water

Signing Up Rapidly.

HUSBANDRY OF INTEREST TO FARMERS AND

ORCHARDISTS

Scab of Potatoes.

the old land than on the new.

uniform. Select potatoes as nearly

free from scab as can be obtained;

put the seed potatoes into bags, either

before or after cutting them, and

then dip them into the corrosive sub-

limate solution and allow them to stay in for an hour and a half. If

seed potatoes are treated in this way

and then planted on land free from

scab, the resultant crop will seldom

be seriously injured by scab. The

expense of this treatment, including

abor, should not exceed one dollar

per acre, as the material may be used repeatedly. But the treated

deadly poison.

imais, as corrosive sublimate is

This material should be mixed with

water at the rate of eight ounces, (one half pint) of commercial for-

malin to fifteen gallons of water. The

potatoes should be soaked two hours in it. If this method is used the seed

should be planted within two or three

days after treatment. This material

Poultry Notes.

TRAINS FROM SEARCHLIGHT TO NIPTON.

Searchlight, Nev .-- The long predicted railroad is definitely assured, the money is subscribed to build it, the plans are complete, material is at hand and work of construction will start without delay. Complete details of the scheme have been furnished to the Searchlight from an authoritative source, and are for the first time published.

The Quartette railroad from here to the Colorado River will be pulled up, and relaid from Searchlight to the Salt Lake Route at Nipton. For this purpose there are fifteen miles convenes in order that the work may of track available. The three extra proceed. miles of rail required have been engaged, and will be laid from the other mission that unless money is provid-end. ed soon as congress convenes all work

The road will, at the start, be narrow gauge. The road will be such that it can be changed to standard gauge at any time, and the new company's plan is to do this within eighteen months. There has been found difficulty in securing heavy rails without long delay, the need for better transportation facilities is urgent and it has been determined to occupy the field at once with the material at hand.

Survey parties will be put in the field at once. Grading gange will follow closely. Upon the return of Mr. Harrington from Los Angeles, the river mill of the Quartette Company will be dismantled and brought with all speed to the mine. This accomplished, the railroad will be surrendered to the purchasers. who will immediately begin removing tracks and ties from the lower end, will haul them to Searchlight whence the new line will be pushed on to Nipton. The Quartette flat cars and engines will be used for construction purposes.

It is estimated that the road will be in operation in four months. There are no engineering difficulties, very little grading is required and with a fair force it is expected that the work will proceed rapidly. The promoters of the scheme are Dr. Homer A. Hansen and Geo. H. McClintock, respec-tively president and cashier of the Searchlight Bank and Trust Company. The Quartette Mining Company has taken a large block of the stock and bonds have been placed with eastern capitalists. One hundred and fifty thousand dollars have been subscribed and are now subject to call. The organization is in process of completion the officers having not yet been elected.

Oregon to be Recalled.

Washington.-Orders have been given by the navy department for the re-turn of the battleship Oregon from at an early date. There is no indica-tion that any battleship will be sent to the Asiatic station to replace the at one-third fare. Oregon. It is stated, however, that two cruisers of the Denver class will be sent to the Philippines later on. The Oregon will bring back to the Dear hubby was just too into United States a crew of men whose Though for it she gave up forty-nine, enlistments are about to expire.

Sixteen Millions Necessary for Work During the

Fiscal Year Ending June, 1907.

Washington.-An estimate of \$16, 000,000 for continuing work on the Panama canal has been sent to the treasury department from the war department to be sent to congress.

The estimate of \$16,000,000 is for fiscal year ending June 30, 1907. A part of this money will be necessary

It is stated at the office of the com-

must cease. The estimate is made without regard to the proposal to ists. The march, however, was quite issue bonds. Advocates of a lock orderly and the strong force of police canal have not yet despaired of secur- on duty had little to do. ing the construction of such a canal. notwithstanding the fact that the consulting engineers have decided in favor of a sea level canal. It is pointed out that the final decision upon by Japan and Korea, in addition rests with the president and that to establishing the status of Japanese the matter of time and expense will be considered by him very carefully.

reason he is believed to favor a lock by the five engineers who disagreed government is capable of so doing. with the majority.

Forestry Experts to Meet.

The annual convention of the California Water and Forest association has been called to meet in San Fran

cisco, Friday, December 1. The convention will assemble at 10:30 a. m. in the rooms of the San Francisco chamber of commerce, 221 Merchants' Exchange building. Reports of work done under the legislation secured by ture will be presented and plans for moted next sum future work will be discussed. State lieutenant general. and federal officials will be in attendance to give account of what has been done in water and forest work in the past year.

The officers of the association re quest that every county, city and district interested in the problems of forest preservation, as well as irriga- reaches it in September. tion.send delegates to the convention, instructed as to the wishes of the people in regard to plans for the fu-

third fare for the round trip. They can secure this by paying fare to San Francisco, taking a receipt from the Taft's opposition. If MacArthur is mess of chopped meat two or thr ticket agent and having it indorsed by not named, Bell or Wood become times a week will afford a variety. the Philippines to the United States an officer of the association identify- possibilities. ing them as delegates to the convention. This will entitle them to return

As It Looked to Him.

Dear hubby was just too intense; It looked to him like thirty cents.

Poor Parade In London.

London .-- There was another "pov erty parade" in the streets of London. Some 5,000 to 6,000 unemployed men and sprinkling of women marched along the Thames embankment to expenditure up to and including the Hyde Park, where they listened to speeches and adopted resolutions condemning charity as a cure of lack of at once and an emergency appropriatemployment, and demanding the tion will be asked as soon as congress summoning of parliament to initiate works of national utility.

Red flags were seen and banners bearing such devices as "Curse your charity; we want work," and "There is a limit to human endurance," in dicated the temper of the procession

Existing Treaties Stand.

Seoul.-The new convention agreed residents and the transfer of the management of foreign residents and It is also known that the president the transfer of the management of is anxious to have the work com- foreign relations to Japan, provides pleted at an early date and for that that there shall be no interference with existing treaties and also for canel. A strong minority report in the retransfer of the administration favor of a lock canal will be made of external relations, when the Korean

It is believed that the working out of the details of the new program will require some months and it is probable that the Japanese as well as foreign legations will remain until the new regime is installed.

Corbin Does Not Want to be Chief of Staff.

Washington.-Maj. Gen. Henry C Corbin, U. S. A., who now commands the division of the Philippines, has asked that he be not appointed chief dition. the association from the last legisla- of the general staff when he is pronext summer to grade of

Sec. Taft will accede to his wishes. Gen. Bates, according to the present program, will become chief of staff when Chaffee goes on the retired list, on or about February 1 next. Gen. Bates reaches the statutory retire-ment age in August and Gen. Corbin hen besides grain all the time. Grain

With Corbin out of it, the question is who will be chief of staff after Bates. Gen. Arthur MacArthur has long been considered the most prob-Delegates are entitled to one and one able choice. He is deemed best qualified for it, but there are reports he may not be appointed because of

Date of President's Message.

Washington.-It has been decided that the President's forthcoming annual m-ssage to congress will be submitted to the senate and the December 5.

enough to treat fifty bushels of potatoes. time it will probably lose strength .--

Reported New Insecticide.

Rural Home.

The Electrical Magazine recently describes a series of experiments for said to have promised success. An scratching around for a living. engineer in Monaco while operating home is usually uncomfortable and an electrical machine in the open air observed that metal rods inserted in the ground and connected with a dynamo of 110 volts, induced insects in the vicinity to leave their hiding places and to come hastily to the sur-Following these observations. face. a series of experiments was conducted of which full details are not yet known.

An apparatus is mentioned, invented by a Russian, for killing injurious insects by electricity. A dynamo is so placed upon a hand car that no electricity is engendered while the car is standing still. When in motion the current enters the ground through the iron wheel of the car on one side, and upon the other through the points of brushes of copper wire, which are fastened in the rear of the car so as to be a few inches above the ground.

The result is said to be that all insects in the vicinity of the copper brushes are killed as if by lightning.

Care for Hens Now.

The greatest success in winter is obtained when the fowls are properly managed in the fall. When hens are taken off the range, and no longer secure a variety of feed they often cease producing eggs. Before winter begins the poultry man should aim to store a supply of food

If the condition of summer could

conditions? Exercise, green food, and a variety. The hens not only have grain in summer but also worms, seeds and grass. It is impossible to find worms and green food in the winter, but there is something for the

is the best general food that can be given in the winter, but used ex-clusively it will not make hens lay. During the fall, a few cabbages, turnips and refuse potatoes should be placed where they may be had conveniently for winter supply. The use of finely cut clover, scalded with a mess of chopped meat two or three

When the trees begin to drop their leaves rake up and store for scratching litter for hens in winter, also have a large supply of dirt put away. Take any flock of hens, give them warm quarters, feed other feeds with grain, keep them constantly at work under shelter and they will lay. house of representatives on Tuesday, It is idleness in winter that causes December 5. hens to become too fat, and leads

winter. If the solution stands a long ones. Soiled eggs are easily cleaned with vinegar diluted with water.

The use of oil on the hens to kill mites serves to accumulate dust and closes up the pores. An insect

powder is much better. The old hen keeps many a family that would other size have hard sleddestroying injurious insects, which is ding. She is up early digging and Her uninviting, yet she sings happy as a lark and works like she did not have to lay an egg every day.-California Cultivator.

Inoculation Makes Better Hay.

The Michigan Experiment Station has been investigating the inoculated nodule method, in regard to its effect upon the composition of the crop. Many farmers have reported that the presence of the nodules has not increased the bulk of the crop; but the station reports, after analysis that the nodules increase the amount of protein present. Two areas of say beans flourished side by side, one with nodules, the other without; no difference in color, height or earliness was noted, nor greater weight of hay. When analysis was made of the hay, however, it was found that the hay from nodule-bearing plants contained 18.52 par cent. of protein, while the hay from non-inoculated plants contained but 9.56 per cent. With cow peas the experience was similar.

American Farmers to Settle in Mexico.

Mexico City.-The government has entered into an important colonization contract with Edward Poffech and Manuel Septein, whereby they purchase 100,000 hectares of land in the lturbide district, in the state of Chihushua, at \$1.20 per acre and agree to settle on the lands 500 immigrants of Austrian-Hungarian or German nationality.

Eight thousand acres of land in the state of Oaxaca are to be cleared for settlement by American farmers. Some of the farmers from Illinois and Oklahoma have already bought lands in the vicinity of the Mexican rail way or old Vera Cruz line.

Huge Crop of Lima Beans.

Ventura .- Nearly three quarters of a million sacks total up the harvest of lima beans this season. The crop is the largest ever harvested in this county, being 149,000 sacks in excess of the best of past seasons.

Early contracts by farmers were made at 3 cents. The price has moved u, to 3½ cents and some are holding out for 4 cents. Less than 150,000 sacks are in hand to be moved.

Something Doin'.

Slippery Sam-What's your brother Joe doin' now?

Bunko Bill-He's doln' time. Slippery Sam-What fer? Bunko Bill-Doin' a farmer.

Oxnard.-Manager J. A. Driffill of Clean eggs sell better than dirty the Oxnard factory informs the Courier that the new schedule of prices

for the 1906 crop of beets is proving very satisfactory to the farmers of the valley and that new contracts are being signed up rapidly and that present indications point to a very large acreage of beets for next summer's campaign.

The past season's beet crop has demonstrated to all those growing them that they are a good crop to tie to and especially when it is known that other sections, too, can grow our heretofore staple crop-lima

While the bean crop is still holding its own, with the enormous crops that have been grown and the larger acreage that will be planted next season, there is every reason to believe that the farmers of this section will never see the big profits in them in the future as they have in the past, and as a consequence will turn their attention to a crop upon which they know is certain of good returns.

Los Angeles' Greatest Bank.

The completion of the merger plan which united the First, Los Angelee, and Southwestern National Banks of the city of Los Angeles, has given the southwest a financial institution of remarkable strength, and beyond all question the largest in size on the coast. The combined capital of the enlarged First National is now \$1, 250,000 with surplus and profits of \$2, 850,000. Its deposits November 10th amounted to \$13,683,000, and its total resources, \$18,500,000. The First National is a bank that the city and state may refer to with pardonable pride. Its management is under the supervision of conservative, tried and progressive bankers, with sufficient of the younger element to insure the institution from settling into any fixed groove or rut. Unlike many large banks, the First National extends the same facilities and attentions to the small depositor that it does to the larger ones, and everyone is certain of kind, courteous and hoporable treatment at the hands of the

Magnesite in California.

officers and employes.

Washington .- California is the only state, according to a report just issued by the geological survey, that produces magnesite, which is a native magnesium carbonate composed of 47.6 per cent. magnesia and 52.4 per cent. carbon dioxide. During 1904 the quantity of crude magnesite produced was 2,850 tons, valued at \$9,289.

For 1903 the quantity reported was 3,744 short tons crude valued at \$10,-595, equivalent to 1,361 tons calcined, worth \$20,515. The demand for both crude and calcined magnesite on the Pacific coast is fimited and prohibitive freight rates have thus far prevented shipments to the east. Oregon and California consume the entire native production. Other states are dependent on imported magnesite.

that will keep his hens in laying con-

be created in winter, the hens would lay well at all times. What are those