

EUGENE CITY GUARD.

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EUGENE CITY, OREGON.

MISCELLANEOUS.

The Executive Council of the American Federation of Labor.

The Farmers' Alliance of Kansas is preparing to ratify the Cincinnati conference platform.

The bill to extend the modus vivendi to American fishermen has passed the Dominion Senate.

The Dominion government will allow a rebate on refined sugar manufactured in Canada for export.

The government is distributing headstones in Kansas to mark the graves of soldiers who have no monuments.

Abraham Jansen has been arrested in New York on a telegram from Pierre, S. D., charging him with grand larceny.

Pittsburg river miners have withdrawn from the United Mine Workers' Association of the Federation of Labor.

President McGrath of the Farmers' Alliance in Kansas thinks that the third party ticket in 1892 will read Donnelly and Weaver.

Robert L. Dulaney and wife of Minnesota have sued the Pennsylvania railway for \$25,000 each for an accident while on their bridal tour.

Bardeley, the defaulting City Treasurer of Philadelphia, was a heavy dealer in stocks. He always purchased outright and never on margin.

The Boston Common Council has passed unanimously a resolution to refuse licenses to shows or performances advertising by indecent posters.

The United States Supreme Court during the term just ended settled 617 cases, 470 being the largest number heretofore passed on in a single term.

About 2,000 warrants have been served in Portland, Me., since the present liquor law was put in force, but still there is said to be an increase of drunkenness there.

A piece of real estate in New York City purchased in 1880 by Vice-President Morton and his partner, George Bliss, for \$400,000 has just been sold for \$1,600,000.

The sand-laden winds from the Lake Michigan shores have wiped out the town of Singapore, near Sangnattuck, Mich. Every house except one has been completely covered.

It is whispered that the British capitalists who a year ago were buying up American breweries and other manufacturing plants are a great deal less enthusiastic than they were.

An action has begun in the Supreme Court of New York in which Henry Allen, a nephew of Commodore Vanderbilt, seeks a half-million slice of the estate left by the latter.

Half of the subsidy of \$10,000 has been raised for the new theater which Joseph MacDonough will build at Oakland, Cal. The theater will be the same size as the Baldwin of San Francisco.

Surrogate Abbott of Brooklyn, N. Y., has decided the great suit over the Gaines will. He declares holographic of will January 8, 1885, to be false and fraudulent, and upholds will of January 5, 1885.

The Chicago Medical Society requests the people of that city to hold the water used for drinking. If this were done, they say it would prove a great safeguard against typhoid fever, which is at present prevalent in Chicago.

The Executive Council of the American Federation of Labor will soon issue an address regarding the failure of the United Mine Workers to support the eight-hour movement and charging the failure to the Knights of Labor.

President Harrison denies that he in any manner discussed the Nebraska Thayer-Royd controversy with a guest of Nebraska. In a letter to Governor Thayer the President says he hardly thinks it necessary to make this explanation.

The principal witness in the case of Deputy Sheriff White, who is charged with bribery in connection with the Hennessy trial at New Orleans, has disappeared after summons was served. This is considered as evidence strong against the accu.

When the Scotch-Irish Congress opened in Louisville, Ky., the other day there were on the platform eleven college professors, five editors, four Supreme Court judges, fifteen distinguished divines and no end of great bankers and merchants.

The scheme for the navigation of Hudson Bay and the opening up of a new route to England from the Canadian Northwest by rail from Winnipeg to the great inland sheet of water bids fair to become soon an accomplished fact. A proposal has been made to the Canadian Parliament by the Dominion government to assist the project.

It is stated on the authority of Vice-President Webb that the New York Central railroad will bridge the St. Lawrence from Cape Vincent to Wolf Island and from Wolf Island to Kingston; then by an agreement with the Canadian Pacific trains will be run from British Columbia to New York without change and with the shortest possible route.

SPORTING NOTES.

Jackson to Issue a Challenge Barring No One—Corbett to Have a Benefit.

Corbett is to be tendered a benefit in San Francisco, at which Sullivan has consented to spar.

Jackson is about to issue a challenge barring no one. His friends will back him against Kilrain.

The Granite Athletic Club of New York offers a \$10,000 purse for a fight between Jack McAniff and Jim Carney.

An international bicycle road race from Bordeaux to Paris, a distance of 338 miles, was won by Englishman Mills in 25 hours and 35 minutes. The Frenchmen were nowhere.

The French Derby (Prix de Jockey Club) was won by Eniska, by Euphrasid, dam Energetic. Le Hardy, the promising three-year-old of Camille Blanc, generally expected to win, was second.

Hanon and O'Connor have signed articles for a race with McKay and Gaudaur for the double-scutt championship of the world. The contest is for \$1,000 a side, and is to be held about the middle of July.

It is stated authoritatively that Corbett has received a very flattering offer to resume his position as boxing instructor of the Olympic Club, and that he will probably accept. He will not go East unless to witness the Kilrain-Slavin fight.

Dick Burge, the English light-weight champion, who defeated Jimmy Garney, has agreed to fight Garney again for \$1,000 a side. Garney's backers are willing to match him against Burge. The referee claims that he disqualified Garney for backheeling Burge.

PERSONAL MENTION.

Prof. Eisenweiller Discovers the Bacteria Which Produces Baldness.

The King of Greece is the most economical of European monarchs.

No fewer than seven portraits of the German Emperor are now being painted by three artists in Berlin.

The Prince of Wales has not bothered his royal mind greatly about money. He simply waited, and his creditors did it for him.

Prof. Eisenweiller of Geissen claims to have discovered the bacteria which produces baldness by destroying the roots of the hair.

Mustapha Gwamur of Damar, Arabia, is said to have arranged to make a European tour that will cost not less than \$150,000. Mustapha snaps.

To make it easy for Dr. Lorimer the Tremont Baptists of Boston will give him an assistant and not call on the Doctor for any work before September.

Charles Fechter left the jewelry work by him as Hamlet to Lester Wallack. Wallack left it to Mme. Boniel, and she in turn left it to Frederick Paulding.

In England Artemus Ward has scarcely lost an iota of his popularity as a humorist. English popular opinion has placed him on a level with Mark Twain.

Bierstadt will paint for the World's Fair a picture of Watling's Island, which many geographers believe to be the one on which Columbus first landed after crossing the Atlantic.

Wilbur W. Smith, a Connecticut veteran, now postmaster of Seymour in that State, has just recovered the sword that he lost at Chancellorsville in 1863, where he was captured.

David B. Hill will have to take a back seat literally, if not figuratively, next winter if he goes to the United States Senate. The only desk obtainable by him is in the last row in the chamber.

John Bullough, the Scottish millionaire, who died recently, was the husband of Sheila, the heroine of William Black's novel, "A Princess of Thule." She was the daughter of a Stornaway broker.

Giovanni Philipso is said to be the real name of the leader of the Marine band, but when he entered the government service he added U. S. A. to his cognomen and now he is called John Philip Sousa for short.

Anelle River-Chanier has returned from the South of Europe to Paris in better health. She says the title of her new novel as given by the papers is inaccurate. Her husband is delighted with the reception that artists and the press have given to his art scholarship project.

Dom Pedro would doubtless like to end his days as the returned Emperor of Brazil; but, like the rugged old patriot that he is, he declares that the experiment of Brazilian self-government will prove a success. "They will hold their place among nations," is the terse comment upon his countrymen.

Edward McPherson has filed his final account as the executor of Thaddeus Stevens, showing the present market value of the securities belonging to that estate to be \$54,426. One unsettled claim is that of Mrs. Stevens, who alleges that she is the wife of a relative and entitled to a part of the property.

H. H. Johnston, the African explorer, who has just gone out from London as Consul-General for Portuguese East Africa and Imperial Commissioner for the Transvaal, is a spry and spry, dapper little man, who, it is asserted, will exercise his autocratic powers with the airy grace of a diplomatic attaché.

Mrs. Leane, the Kansas Alliance woman, recently received a letter from Ben Butterworth notifying her that she had recently been elected to membership in the "College of Thinkers" of the world. She also received an offer of \$150 and all expenses to make three speeches before the Chautauque meeting at Atlanta.

Ex-Senator Blair is likely to have a poor Fourth of July. He has too much patriotic fire in him to patronize fire by buying Roman candles, and he has been too deeply insulted to enjoy Chinese firecrackers. And spitting rockets that go up with a bang and come down with a stick are too painfully reminiscent of his own diplomatic experience.

Edmund Yates has incurred the displeasure of the Prince of Wales for having stated in his newspaper that the Queen was going to pay the Prince's debts. Mr. Yates has accordingly apologized for his conduct, and retracts his assertion. Nevertheless the original statement is understood to be substantially correct.

CRIME AND CRIMINALS.

Two Sacramento Saloonmen Charged With Attempt to Murder and Rob.

Burglars opened the safe of C. S. Taylor at Tucson, and got away with \$2,500.

Two Sacramento saloonmen are under arrest, charged with attempting to kill and robbing Robert Allen.

Peter Greenwood, Treasurer of Wood River township at Alton, Pa., has disappeared. He is short in his accounts \$10,000.

Mennier, ex-officer of customs, arrested May 14 at Landres, France, charged with a number of crimes, has been sentenced to death.

The body of Mary Grindler, an heiress, was found in the river below Spokane, and theories of murder and suicide are both advanced.

At Sioux Falls, S. D., Plenty Horses has been acquitted of the murder of Lieutenant Casey, the Judge charging the jury to that effect.

At Halifax, N. S., the application for a writ of habeas corpus in the case of Piggott, the Texas embezzler, was dismissed by Judge Ritchie.

F. W. Kennedy, President, and H. W. Kennedy, cashier, of the suspended Spring Garden National Bank of Philadelphia, have been arrested.

New York has a Chinese highlanders' society. A gambling den was raided, and the society notified the complainant that his head would be cut off if he gave evidence against the fan-tan dealers.

The trial at Bari, Italy, of 170 members of the Mala Vita Society has ended, fourteen being acquitted, while 165 were sentenced to terms of imprisonment varying from six months to fifteen years.

Three masked men broke into the station house at Santa Oafré, on the California Southern road, north of Ocean-side, the other day. They got \$20, and tore a gold ring from the hand of the wife of the boss of the section hands.

In the case of Albert Blakeman, the soldier who killed Gottlieb Wannemann in San Francisco, the jury returned a verdict finding Blakeman guilty of murder in the second degree, and recommended him to the mercy of the Court.

Four men attempted to stop a railroad train at Enfield, Me., and fired upon the engineer and into the cars. The engineer pulled out before any one was hurt by the robbers, who were evidently after the contents of the baggage and mail cars.

FOREIGN NEWS.

The Pope Refuses the Italian Subsidy.

FEMALE DOCTORS IN DEMAND.

Queen Victoria's Visit to Grasse Proves

More Beneficial to Her Than to Members of Her Suite.

Shanghai's cotton mills are lighted by electricity.

The census of Paris gives a population of 2,422,999.

Great Britain's coal output in 1890 was 181,614,288 tons.

The Manchester ship canal is nearly completed, costing \$68,000,000.

Stanley has exceedingly small audiences to listen to in Scotland.

The Kaiser has recognized Ezeta as President of the Republic of Salvador.

Emigrants leaving Sweden must have a letter of recommendation from the pastor of the parish.

The plug has said to be rapidly replacing the native headgear among the mandarins of China.

The German government is building a large dynamite factory at Ceswig, on the Elbe, near Dessau.

Two hundred men at the zinc works of L-pine in Breslau have been dismissed for threatening to strike.

The London Times expresses doubt whether the gold to meet the early calls of Russia can be drawn from America.

A German-American petroleum company at Bremen is building a huge reservoir at Riez, Saxony. The reservoir will have a capacity of 200,000 casks.

The Pope has refused the Italian subsidy for his support, and the Clericals will, it is understood, abstain from any share in the Italian municipal elections.

It is reported from Vienna that at Pesth in Hungary hundreds of families of workmen are without shelter, having been turned into the street for non-payment of rent.

The great fall maneuvers of the German army this year will be concluded on September 23, so that the Emperor may be on his hunting grounds in Sweden on September 23.

Great indignation is felt in various circles of Germany over the unjust sentence of Herr Boshart, editor of one of the Gotha journals, for "malignment" of the Prince of Bulgaria.

Brigades have made the railroad lines of Batoum so unsafe that militia had to be placed, six men at every station and three men on every guard's and brakeman's post between the stations.

At a meeting of the Central Branch of the National League in Dublin the report of one of the speakers described Mr. Gladstone as "a grand old tyrant, a grand old hypocrite and a grand old fraud."

Ex-King Milan is in need of more money, and will try to acquire a new supply by marrying it. He is said to be engaged to marry a French lady, whose fortune is estimated at 5,000,000 francs.

The French crops are reported in a very critical condition. The home supply will fall short by 20,000,000 hectoliters, and if the present rainy weather continues, the result will be disastrous to the farmers.

Extensive preparations have been made by the Vatican for the coming celebration in honor of Pope Gregory the Great. Leo XIII. has offered three prizes for the best essays upon the phases of Gregory's career.

The czar is curtailing the liberties of the Mohammedan subjects. A holy see has been created for the purpose of spreading Russian doctrines among the followers of Islam and gradually compelling them to join the orthodox church.

There is very great misery among the working classes in Rome. Owing to the decline in values and stagnation of building interests, thousands are out of employment. The multitude of beggars have never been so great or importunate.

The Russian government has appropriated \$1,000,000 to the construction of a commercial harbor at Theodosia, which will hereafter be the port of the Crimea for merchantmen. Sebastopol will be transformed into a military and naval stronghold.

The tenant on the Currans and Meelin estates, County Cork, have entered into an agreement with the landlord to purchase their farms. By this arrangement fifty families, who have participated in the plan of campaign, will be restored to their homes.

The Governor-General of the Amoor region in Siberia has planned to employ convicts at hard labor on the Transiberian railroad. For every year such convicts are employed on the road they will be credited with eighteen months of the term they have to serve.

Austria still adds to her revenue by the lottery business. According to the Consular report from Vienna the government realized \$8,000,000 from lottery transactions last year, of which \$5,000,000 were returned for prizes, leaving \$3,000,000 net profit to the State.

W. W. Story has finished the monument and medallion which are to be placed on Theodore Parker's grave at Florence. The ceremony will take place August 24. F. D. Sanborn of Concord, Mass., and Monrore D. Conway promise to contribute the literary ceremonial.

Queen Victoria's recent visit to Grasse proved more beneficial to her suite, many of whom were afflicted with colds in throat and lungs during their entire stay. The expenses of the Queen's outing were very large, the rent of the Grand hotel and grounds alone amounting to \$630 a day.

There is a demand for women physicians in Bosnia, most of the women refusing to be treated by male doctors. The Austrian government is endeavoring to meet the difficulty by engaging all the female graduates of the medical school at Zurich to locate in Bosnia, their income being guaranteed by the government at a certain figure.

The highest elevated road in the world is about to be built at Naples. It is intended to connect the central part of Naples with the Corso Vittorio Emanuele. It will be suspended from towers 100 meters high, in which will be elevators to hoist passengers to the stations. The road will be operated by electricity, and the cost is estimated at \$1,000,000.

Captain Malogoli, the head of the Italian military carrier-pigeon depots, has after immense and unwearied trouble succeeded in getting his pigeons to fly backward and forward between Rome and Civita Vecchia, seventy-two kilometers with the Corso Vittorio Emanuele. This practical success has shattered the theories of various ornithologists, such as Rasse, who have affirmed that pigeons cannot be made to fly in two directions.

PORTLAND MARKET.

Local Trade of an Average Amount Transacted—Eggs Very High.

A fair amount of business was transacted. Trade opened up rather quietly, but picked up considerably. There was nothing of a special interest except that eggs were very high. Oats are very weak. Vegetables are in fair demand, and the supply is good. Oregon strawberries are in great demand. Bananas and lemons are more plentiful than they have been for several weeks. There is a fair supply of oranges on hand, and the demand for them is good. Business in the line of staple groceries was good. The wool clip is on the move.

THE WHEAT MARKET.
The market presents no new features. Offerings are light, the demand is slow and trading of a desultory character.

Produce, Fruit, Etc.
WHEAT—Walla Walla, \$1.50; Valley, \$1.60 per bushel.

FLOUR—Quota: Standard, 15.25; Walla Walla, 15.00 per barrel.

OATS—Quota: 60¢@2¼¢ per bushel. HAY—Quota: \$16@17 per ton.

MILK—Quota: Bran, \$19.00; Shorts, \$23.00; Ground Barley, \$33.00@34.00; Chop Feed, \$25.00 per ton; Barley, \$1.25@1.30 per cental.

BUTTER—Quota: Oregon fancy creamery, 25¢; fancy dairy, 22¢; fair to good, 17¢@20¢; common, 14¢; California, 22¢@24¢ per pound.

CHEESE—Quota: Oregon, 13¢@15¢; California, 11¢@12¢ per pound.

EGGS—Quota: Oregon, 25¢ per dozen. POULTRY—Quota: Old Chickens, \$5.00; young chickens, \$4.00@4.50; Ducks, \$8.50@9.00; Geese, nominal, \$12 per dozen; Turkeys, 18¢ per pound.

VEGETABLES—Quota: Cabbage, 1.75 per cental; Cauliflower, \$1.25 per dozen; Onions, 15¢@17¢ per pound; new California, 2¢; Beets, \$1.50 per sack; Turnips, \$2.00 per sack; Potatoes, 60¢@70¢ per cental; New Potatoes, 1½¢ per pound; Tomatoes, \$3.00 per bushel; Asparagus, 40¢@50¢ per pound; Oregon, 10¢@15¢ per bushel; Lettuce, 12¢@15¢ per bushel; Green Peas, 5¢ per pound; String Beans, 8¢ per pound; Rhubarb, 4¢ per pound; Artichokes, 40¢ per dozen; Radishes, 10¢ per dozen bunches; Young Onions, 10¢ per dozen bunches; Cucumbers, \$1 per dozen.

FRUIT—Quota: Los Angeles Oranges, \$2.50@2.75; Riverside, \$3.00@3.25; Navel, \$4.50@5.50 per box; Sicily Lemons, \$7.00@7.50; California, \$4.50@5.00 per box; Apples, \$1.00@2.50 per box; Bananas, \$2.50@3.50 per bunch; Pineapples, \$5.00@6.00 per dozen; Strawberries, California, 10¢ per pound; Oregon, 20¢ per pound; Cherries, 12¢@15¢ per pound; Gooseberries, 50¢ per pound; Walnuts, 11¢@12¢; Hickory, 8¢; Brazil, 10¢@11¢; Almonds, 16¢@18¢; Filberts, 13¢@14¢; Pecan Nuts, 17¢@18¢; Peanuts, 17¢@18¢; Cocoanuts, 8¢; Hazel, 8¢; Peanuts, 8¢ per pound.

STAPLE GROCERIES.
COFFEE—Quota: Costa Rica, 22¢; Rio, 23¢; Mocha, 30¢; Java, 25¢; Arabica's, 100-pound cases, 27½¢ per pound.

SUGARS—Quota: Golden C, 4½¢; extra C, 4½¢; dry granulated, 5½¢; cane crushed and powdered, 6½¢ per pound; confectioners' A, 5½¢ per pound.

SYRUPS—Eastern, in barrels, 47¢@50¢; half barrels, 50¢@55¢; in cases, 55¢@60¢ per gallon; 2½¢@2.50 per keg; 2¢@2.25 per keg, in barrels, 40¢ per gallon; 2¢@2.25 per keg.

BEANS—Quota: Small Whites, 33¢; Pink, 34¢@35¢; Bayon, 43¢; Butter, 44¢; Lima, 4½¢ per pound.

DRIED FRUITS—Quota: Italian Prunes, 10¢@12¢; Petite and German Prunes, 10¢ per pound; Raisins, 1.75@2.25 per sack; Plummer-dried Peas, 10¢@12¢; sun-dried and factory Peas, 11¢@12¢; evaporated Peaches, 18¢@20¢; Smyrna Figs, 20¢ California Figs, 9¢ per pound.

RICE—Quota: 45¢ per cental.

HONEY—Quota: 18¢@20¢.

SALT—Quota: Liverpool, \$16.16@16.50; 17¢, stock, \$11 per ton in carload lots.

CANNED GOODS—Quota: Table fruits, 2.25¢; Apples, 2.50¢; Bartlett Pears, 2.25¢; Plums, 1.65¢; Strawberries, 2.50¢; Cherries, 2.25¢; Blackberries, 2.25¢; Raspberries, 2.25¢; Pineapples, 2.75¢; Apricots, 2.40¢. Pie fruit: Assorted, \$1.50 per dozen; Peaches, 1.65¢; Plums, 1.25¢; Blackberries, 1.65¢ per dozen. Vegetables: Corn, 1.35¢@1.65, according to quality; Tomatoes, \$1.15@1.50; Sugar Peas, \$1.25@1.50; String Beans, \$1.10 per dozen. Fish: Salmon, —; sardines, 85¢@1.15; lobsters, 2.25¢@3.25; oysters, \$1.50@3.25 per dozen. Condensed milk: Eagle brand, 48.25¢; Crown, 47¢; Highland, 46.75¢; Champion, 46.00¢; Monroe, 46.75¢ per case.

THE MEAT MARKET.
Beef—Live, 4¢@4½¢; dressed, 7¢@8¢. Mutton—Live, sheared, 4¢; dressed, 8¢.

HOGS—Live, 6¢@6½¢; dressed, 7¢@8¢. VEAL—5¢@7¢ per pound.

SMOKED MEATS AND LARD.
Quota: Eastern Hams, 12½¢@13¢; Oregon, 10½¢@12½¢; breakfast bacon, 12¢@13¢; other varieties, 8¢@11¢; Lard, 9½¢@11½¢ per pound.

MISCELLANEOUS.
HIDES—Quota: Dry Hides, selected prime, 3½¢@4¢, ½¢ less for culls; green, selected, over 55 pounds, 4¢; under 55 pounds, 3¢. Sheep Pelts, short wool, 30¢; long wool, 40¢; long, 90¢@1.25¢; 50¢@1.00¢; 100¢@200¢; Tallow, good to choice, 3¢@3½¢ per pound.

WOOL—Quota: Willamette Valley, 18¢@20¢; Eastern Oregon, 13¢@19¢ per pound, according to conditions and shrinkage.

HORS—Nominal. Quota: 20¢ per pound.

SALT—Base quotations: Iron, 2.85¢; Steel, 2.85¢; Wire, \$3.40 per keg.

SHORT—Quota: \$1.75 per sack.

COAL—Quota: \$1.95 per case.

A MAN WHO SLEEPS FOR YEARS.
Twelve years ago Herman Eames emigrated to Ulen, Minn., from southern Illinois, where he had long suffered with fever and ague. Shortly afterward he found it impossible to keep awake. He slept continuously day and night for nearly nine years. Three years ago he roused long enough to work in the harvest field part of the season, when the lethargy returned. At the end of three more years he again awoke for a few days, and again relapsed. Each day he returns to consciousness for a brief season, but the spell of sleeplessness at once exerts its sway again, and the man is as oblivious as though he was dead. He has been treated with tonics, quinine, and even strychnine, but without effect. Two years ago his eldest son, discouraged at the dark prospect on the farm, committed suicide, and a little later the second boy died.—Boston Budget.

THE CHINESE EDITORIAL WAY.
The Pekin Gazette celebrated its 1,000th birthday last month, and called particular attention to the fact that it had not made a single improvement of any sort in the last 500 years. It didn't even mention the discovery of America until ninety-four years after it had happened, being afraid to weary its readers with something new.—Detroit Free Press.

FARM AND GARDEN.

Hints for Poultry and Potato Raisers.

CHANGE OF FOOD NECESSARY.

Thorough Cultivation Essential in

Order to Produce Good Growth of Potatoes.

Place your hen pans on the range to get very hot. Take one pint of flour, half-pint milk, half-pint water; beat thoroughly with a keystone or wire beater. Bake in the pans; fill two-thirds full and bake in a quick oven twenty minutes, or until they are puffs and nicely browned. Use salt and baking powder. Salt is easily added when they are broken open to eat.

POULTRY NOTES.
Egg layers will from now on begin to increase their daily contribution to the wealth of the owner, and it is important that the hens should be aided and abetted in this work as much as possible.

As soon as cold weather leaves us, the hens begin to regain their accustomed power of laying eggs regularly, but as a rule it is only the weather and not the treatment which makes them do this.

There is, however, a way of helping the hens in this good work, and no poultryman should neglect it. Man and beast alike need a change of food and treatment in the spring of the year, for the conditions of life change with the seasons. From close, confining work we go to labor in the open air, and from heavy, greasy food we go to light vegetables or fruits. There is needful a complete change in the whole system, and many take food purifiers at this season of the year.

In the same way the hens require new methods. They are supposed to produce more eggs, and they must be helped to do so. They cannot be kept up unless their systems are amply supplied with egg-producing material. The warm, genial weather is stimulating to them, and induces them to lay, but they must have the material to do the work, otherwise they will wear their systems out in doing nothing. Eggs cannot be produced unless the hens have sufficient line in their bodies to form the shells. Ground bone and oyster shells are given to the chickens now by nearly all poultrymen; but at this season of the year the quantities should be doubled. The grains will not suffice now, but the lime contained in the ground bone, shells and such material is essential. They will not only stimulate the hens in laying, but they will give the right materials to them to make eggs. The hens should also be accustomed to their new food. They should be turned out to range gradually and not allowed to run about as much as they please the first day. This extra exercise, which has been denied them all winter, will consume a great amount of force, and much of the mineral element contained in their food will have to go toward forming new tissue. This makes it all the more essential that they should have more shells and ground bone. This is a work which should not be neglected.

POTATO CULTURE.
It is very important to give thorough cultivation in order to secure a good growth. It is very important to give clean cultivation from the start, and generally, if this be done, the soil will be in good till. It is necessary that the cultivation be commenced early, so that the weeds can be kept down, and the earlier it is commenced after the seed is planted the easier the work can be done. Potatoes are nearly always planted in drifts, and the cultivation is given only one way, and it requires careful work to give thorough cultivation without hoeing.

One of the advantages in preparing the soil in a good till before the potatoes are sown is that the cultivation can be commenced much earlier than would otherwise be possible. Under average conditions the best implement to commence the cultivation is the harrow, and in a majority of cases it can be used within ten days at least after planting with good results. Potatoes are slow to germinate, and to let the soil remain undisturbed until the plants show above ground the weeds are sure to get a good start, which will require considerable hard work to clear out. Very often three harrowings can be given with profit, and then the cultivator can be used. At first it will be the best to work reasonably