

Horticultural.

FRUIT AS AN PRODUCT.

The spring opens very finely for the fruit crop of all this region and especially for this vicinity. It is a satisfaction to realize that our producers are beginning to appreciate the fact that fruit growing offers a recourse that they cannot afford to neglect for the future.

There should be many canneries at work on Oregon products, whereas there are scarce any at work now. There is no inducement to start canneries until they see that the country will supply them with stock to work on.

These facts are beyond a doubt, and now the question comes up: How shall we meet the requirements of the hour and take advantage of the circumstances in our favor. First: Every man should avoid too sanguine expectations as to results. Fruit growing promises well, but not immediately or certainly unless every point is well considered.

The practical fruit grower can find in Oregon soil and climate and location for any orchard work, from apples, pears, prunes and cherries, that seem to belong here by right, to peaches, apricots and grapes that are only grown to good advantage in Southern Oregon or on the river bottoms of Eastern Oregon and Washington.

Planting trees is to be a work of care and skill to merit success; their pruning and tending them requires very careful management and study of all points connected with tree growth. After ten years of almost exclusive devotion to his work we realize that we have been ignorant and lack much yet of being wise.

The Pacific Northwest should become a great fruit producer and supply the wide market growing up around and within it. The WILLAMETTE FARMER has led the good work of advocating fruit culture, and given the opinions and experience of many successful producers. We make this appeal to induce all to give the subject careful thought and select in advance the ground to be planted to orchard.

peculiar needs. The peach needs one location, the pear another. The sandy bluff along the river serves for the peach and the cherry does well on the summit of our red-hills. It would not be possible to exhaust the subject of fruit culture. To give the traits and needs of all varieties of the apple would occupy more time and space than we could soon afford and would require for more knowledge than we possess.

Cause of Snow-Blindness.

The recent snow-storm, says the Denver Tribune-Republican, has already caused several severe attacks of snow-blindness, and a reporter made inquiries as to the cause and cure of these attacks.

"What is snow-blindness?" was asked of an old mountaineer. "Why don't you go to a doctor?" replied that worthy. "I don't know anything about the science of the business. A physician would give you a scientific explanation of the phenomenon."

"Well, I was living in Central once, and there came a great snow-storm. The day preceding it, of course, had been very cloudy, and when I went out the next morning after the storm the sun seemed to be shining more brightly than I had ever seen it before.

"Everything was one great dazzling sheet of whiteness. I remember blinking considerably, but I staid out most of the day, and when I went into the house the lamps were lighted, but I could not see them, nor could I distinguish objects. I could not see anything but what seemed to be a great round globe of light. Pretty soon my eyes began to smart and burn, and I went out and sat down in a dark room, where I staid for a week, making cooling applications to my eyes, and never seeing the light once in all that time. The pain was a severe itching and burning, and did not abate for the space of several days. You can depend upon it I was careful to avoid exposing myself again."

"How did you arrange to avoid it?" "By wearing smoke-colored glasses, green goggles, or by blacking the skin under my eyes with charcoal."

"Do you think it is the color or the quality of the snow that produces blindness?" "Oh, the color, by all means. I think if the ground were covered with white paper the effect on the eyes would be the same. So far as I understand it, snow-blindness is produced by the irritating effect of the sun's rays reflecting from the snow."

"How do you account for the intensity of your suffering?" "Well, the violence of the attack is proportionate to the amount of exposure, which in my case had been prolonged and aggravated. Slight attacks are likely to occur from a few hours' exposure, and these may be cured by giving the eyes a day or so rest. Severe attacks may require many days' rest in a dark room, and cooling applications to reduce the violent inflammation which exists should always be used."

"It would be well then for persons going into snowy countries to provide themselves for these emergencies?" "Yes, considering that the protection yielded by the smoke-colored glasses, goggles, or even blacking round the eyes is sufficient to prevent snow-blindness, it would be well for all persons likely to travel over snow to remember these unpleasant effects, and provide themselves with suitable appliances thus avoiding the painful results of this complaint."

"Is eyesight ever seriously affected by snow-blindness?" "Yes. Perfect recovery is not always attained in these cases. Many sufferers retain a weakness of the eyes for life. You will find that the inhabitants of northern countries are very careful in this particular. Too much care can not be exercised where the eyes are concerned."

"Directory canvasser—"And your occupation, please?" Householder—"Manufacturer of plug tobacco." Directory canvasser—"Rather a singular coincidence; the man next door makes shoes." Householder—"How is that a coincidence?" Directory canvasser—"The explanation is simple. He makes shoes, and is therefore a shoemaker. You manufacture plug tobacco; ergo you are a shoemaker, too." No inquest.—American Bar.

"Pa, I'm not going to learn any more geography lessons." "Why? Have you been excused from geography lessons?" "No, but—" "I presume your teacher has got tired of such a stupid pupil." "Teacher noshin'. I'm the feller that's got tired. I read in a paper that the geography over half the globe would be changed by future explorations, and I am going to wait. I want to get it straight before I put in so much hard work."—The Judge.

Stock.

Cows for General Purposes.

In selecting cows for general purposes everything depends upon the farm itself and the nature of the crops grown upon it. What may be a general purpose cow on one farm may be considered a very inferior cow on another. The farmer who keeps cattle for beef will prefer a cow that rapidly converts food into beef, and if she also gives a fair portion of milk and butter he will consider her a general purpose cow so far as his preferences are concerned.

The general purpose cow is only imaginary. Each individual forms his own opinions as to what should constitute a general purpose cow, and looks over the field from his own standpoint. Yet it cannot be denied that some cows come nearer to the qualification of being general purpose than others. The fact must not be overlooked that the general purpose cow must be produced on the farm. Happily for the farmers of this country there are quite a large number of breeds from which to select for the purpose.

Should the farmer desire a general purpose cow which excels in producing calves that can be cheaply raised for beef (provided he does not overlook the influence of the male), he can produce her by breeding through the Shorthorn, Hereford, or Scotch polled cattle. With the use of the latter he can deprive her of horns. He can secure size and great yields of milk by resorting to the Holstein, and he can impart milk production with active habits from the Ayrshire. He has the Jerseys, Guernseys and Holsteins as examples for the production of butter, and wish so many good breeds from which to select he can produce any grade of cow he prefers.

As stated, however, the farm itself must be considered. A poor farm will not properly support a herd of choice cows. As the farmer begins to grade up his cows he must also endeavor to adapt the farm to the cows, or he must reverse the conditions and adapt the cows to the farm. The heavy feeders cannot afford to work for a living by traveling great distances to secure food, nor can they climb steep hillsides. The farm intended for profitable animals must not only contain the best pasturage or other food, but care and attention should also be bestowed upon the stock.

A little extra care with ewes that are dropping lambs at this season will be doubly repaid in May. A warm, dry pen is the great thing to be desired. As to feed, we advise whatever grain is given to the ewes a few days before dropping their lambs, an extra feed morning and evening of cracked oats, with other feed of grain at mid-day. The first six hours is the "trial trip" with the lambs. See to it that the milk flows freely, and that the first two teats have made their appearance with the lamb. If they have not, force them through by rubbing the thumb over the gum. Start the lamb right and he will stand the cold weather nearly as well as the mother.

Those who have used the BOSS ZINC and LEATHER COLLAR PADS and ANKLE BOOTS say they are the best and cheapest, because most durable. They will last a life time. Sold by Harness makers on 60 days' trial. DEXTER CURTIS, Madison, Wis.

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In your own community, wherever you are, can tell you of cases within his knowledge demonstrating that AYER'S SARSAPARILLA is an ever reliable and thorough purifier of the blood; one that will eradicate from the system every atom of Rheumatism, Mercurial, or Contagious Diseases; enrich impoverished blood; strengthen enfeebled vital organs; invigorate and build up the system, as no other medicine can do.

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Map of Oregon, \$1.00; Map of Washington, \$1.00; Oregon and Washington Combined, 1.50. Remit by Postal Order or Registered Letter. Postage stamps will not be taken.

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TILE DRAINS FOR FARMS AND ORCHARDS. Drainage is so important for the farms and orchards of Oregon and Washington, and tile drains well laid practically never wearing out or giving way; I have concluded to give my sole attention to the laying out and installing tile drains. Farmers and orchardists will do well to enquire into the matter. Prices low. Correspondence solicited. Send for circular.

FREY'S NEW TILE BRICK MACHINE. No revolving cone or pin or bracket. Is made with or without Crusher. Four different sizes. The very best FREY, SHECKLER & HOOVER, Bucyrus O.

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OFFICE OVER "WHITE CORNER." Office hours from 9 to 12 A. M.; 2 to 4 P. M.; and 6 to 8 evenings. Residence at Mrs. Riley's. 26 C. is 12 in the country promptly attended.

SUMMONS. In the County Court of the State of Oregon, for the County of Marion, J. H. Hughes, plaintiff, vs J. P. Schoeffel and Mary Schoeffel, defendants.

TO J. P. SCHOEFFEL AND MARY SCHOEFFEL: You and your wife, defendants, in the name of the State of Oregon are required to appear and answer the complaint filed against you in the above entitled case, on or before the 7th day of June, being the first judicial day of the June term of said County Court, being the first term after the expiration of the time of the publication of this summons; and if you fail to so answer for want thereof the plaintiff will take judgment against you for \$25.00 with interest thereon at the rate of 5 per cent per annum from January 15th, 1886; and also for \$25.00 with interest thereon at the rate of 5 per cent per annum from August 15th, 1885; and also for \$44.15 with interest thereon at the rate of 5 per cent per annum from January 1st, 1885, less \$25.00 paid Mar. 8, 1886; and for all costs and disbursements of this action.

Administrators Notice. NOTICE IS HEREBY GIVEN THAT THE UNDER-SIGNED has been appointed by the Hon. County Court of Marion county, Oregon, Administrator of the estate of Harrison Weider, deceased. All persons having claims against said estate are requested to present them to Mrs. Elmer Weider at her residence, 2 miles north of Salem, within six months from this date, and all persons who are indebted to said estate are requested to make payment to said Harrison Weider without delay. GEO. W. WELDER, Administrator of the estate of Harrison Weider, deceased.

Executors Notice to Creditors. NOTICE IS HEREBY GIVEN TO ALL WHOM IT MAY CONCERN that George Williams has been duly appointed executor of the last will and testament of Andrew Kelly, deceased, and all persons having claims against the estate of Andrew Kelly, deceased, are hereby requested to present them to me at my office in the city of Salem, Marion county, Oregon, with the proper voucher, within six months from the date of this notice. Dated this 30th day of March, 1886. GEORGE WILLIAMS, Executor of the Estate of A. Kelly, deceased.

IRON ROOFING. Send for prices and Illustrated catalogue of CINCINNATI O. CORRUGATING CO.

CHICAGO SCALE CO.

Ed S. Jackson St., Chicago. The "Little Doves" for 20 lbs. \$3. Should be in every house and office. 200 lbs. Family or Farm Scale, \$5. Special scales for Agents and Dealers; 200 lbs. and 500 lbs. scales, including Crockery, Platform, Hay, Coal, and all kinds of scales and mill scales. 200 lbs. Family Scale, \$3.50; 500 lbs. Family Scale, \$5.00; 2 Tons, \$14.00.

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A CERTAIN AND EFFECTUAL REMEDY FOR Fever and Ague, Intermittent and Remittent Fevers, &c.

This class of diseases so common in all parts of the World, and especially prevalent in malarious districts and vicinages of water-courses, are almost invariably accompanied by more or less derangement of the liver, and frequently by a defective action of the digestive organs. The mere breaking of the Chill is but a step towards completing a radical cure; the various organs of the body, especially the stomach and liver, must be brought to a healthy and vigorous condition before a permanent cure can be established, and this fact has been specially kept in view by Dr. Jayne in his treatment of these complaints. The use of Jayne's Ague Mixture, in conjunction with Jayne's Sanative Pills, as prescribed in the Directions which accompany each bottle, will not only

BREAK UP THE CHILLS, but restore the system, more particularly the liver and stomach, to a sound condition, and so prevent a relapse of Fever and Ague by thoroughly

ERADICATING THE DISEASE, and the best evidence of this is the invariable success which has always followed the administration of these remedies, as attested by the certificates published annually in Dr. Jayne's Almanac, and the wide-spread popularity of the Ague Mixture in those districts of the United States, where the disease, for which it is adapted, most prevails.

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