

CITES ASTORIANS TO HOOD RIVER.

The following article on the success of intensified farming at Hood River appeared as the leading editorial in the Astoria News of Tuesday, October 4, and was written by H. S. Lyman, superintendent of public instruction in Clatsop county. It will be remembered the Glacier mentioned last week the visit of Mr. Lyman to Hood River:

Success with intensive farming at Hood River deserves mention all over Oregon because it affords a demonstration that is peculiarly convincing. So far as a state is concerned that business that plants the most homes within its borders is the best business. Also that business which supports the most people upon the revenue that it brings, is the best business. Not the dollars, but the people who live upon the use of the dollars, is what increases the state.

The figures given for the Hood River community are very interesting in this view. It is not for any unfavorable comparison, but as giving suggestions how our own community may increase its growth in population upon the very large income that this county enjoys, that these figures are given for our contemplation.

In the Hood River valley there is estimated an area of about 20,000 acres that is under irrigation, although by no means all of this is in cultivation. There are, in fact, but little over 1,000 acres in strawberries, and 3,000 acres in apple orchards. Area in strawberries is not increasing, though new fields are planted to replace old ones; a crop of clover or alfalfa is sown upon the old field as a good preparation for turning it back again into berries. Many of the orchards are young and not yet in full bearing. It would seem that not one-quarter of the area that may now be irrigated is yet under cultivation.

The production for the community, however, makes a good showing, even on the 20,000-acre basis; while on a 5,000-acre basis, it would be surprising. The income in value is now about \$150,000 each for strawberries and apples; the value of the apple crop probably considerably exceeding this year that of the strawberry crop. To this should be added about \$50,000 as the value of the hay crop, which is some 4,000 tons, indicating about 1,000 acres in hay land. Another item of income is considerable, and increasing lumbering business, which is placed at about \$150,000 for the year. This would make the income of the community about \$300,000 per year. Excluding the comparatively small area furnishing the logs for the lumbering, this would show for the 20,000 acres an income per year of \$25. Considering that but one-fourth of this area is as yet in real cultivation, this would show for the land actually used, about \$100 per acre of income. This is but fair to consider, as the greatest part of the lands now planted to orchards are not yet in full bearing. It is estimated that in three years there will be \$500,000 worth of apples raised, and trees now growing. When all the 20,000 acres under ditch are brought up to the average of \$100 per acre of production, Hood River will be having an income of \$2,000,000 a year.

But as indicated above, the amount of money brought in is not the final point. It is how many people the income is able to support; or, not taking time for that now, how many people it can support in health and comfort, and at a high standard of living. The demonstration for the results of intensive cultivation at Hood River are, in this view, even more satisfactory. Indeed, they are quite startling. The population of the valley is given at 4,500. This is for about 50,000 acres of land. This may be remembered, in round numbers, as 150 persons to the square mile. Counting that the land is as yet but one-fourth cultivated, under the intensive agriculture, the population could raise to 600 persons to the square mile—making due allowance for increasing the lumbering, as it may be done in the adjoining lands. But at present one square mile is made to support 150 persons, or about one person to four acres. But so far as income is concerned the showing is still better—\$500,000 supports 4500 persons—two-thirds being on the farms, and one-third in the town doing the business of the valley. By this showing \$110 a year is made to maintain one inhabitant—who are, as any at Hood River could testify, well housed, well clad, well educated, and living at a good standard.

These figures would seem at first as almost contradictory. One hundred and ten dollars each would indicate not over \$500 a year as the income of a family. But when it is remembered that this is the money income, and that much of the living of the family is produced on the farm, this is easily explained. Vegetables, fruit, milk, butter, and eggs, and some grain all come outside of what is estimated as "income." When applied to home consumption, water, fuel, and horse rent are also all provided outside of the general "income." But this would also be so in any community living by intensive farming.

We may be able from time to time to indicate how this same idea in Clatsop county might work equally good results. It is quite true that here, at less expense for cultivation in some ways, we have 100,000 to 200,000 acres of land that will produce as much, acre for acre, as any in Hood River. We have also now in Astoria, and the surrounding country, an income eight times that of Hood River. If we followed here some plan that would cause one person to live here for every \$110 income to the community, we should have a larger population in Clatsop county. But we throw these out rather as hints for investigation than as proved conclusions. Yet what any visitor may see at Hood River will afford much food for thought for those who would like to see their own community doing the most it can with its resources, and making its income do all it can in sustaining a thriving population.

Insomnia And Indigestion Cured.
"Last year I had a very severe attack of indigestion. I could not sleep at night and suffered from excruciating pains for three hours after each meal. I was troubled this way for about three months when I used Chamberlain's Stomach and Liver Tablets, and received immediate relief," says John Dixon, Tullahoma, Ontario, Canada. For sale at Williams' Pharmacy.

A Social Happening.
Little Alphonso, Jr., had been carefully tucked into bed, and was about to dream material for new questions when his mother heard, as she was carefully and quietly folding the little garments in the dim light, "Mother, how was it I first met you?"—Lippincott's.

Broke Into His House.
S. LeQuinn of Cavendish, Vt., was robbed of his customary health by invasion of chronic constipation. When Dr. King's New Life Pills broke into his house, his trouble was arrested and now he's entirely cured. They're guaranteed to cure, 25 cents at Chas. N. drug store.

HINTS ABOUT HATS.

Preserve the Balance Between Your Wig and Your Headpiece.
Do not buy a hat unless you have tried it on before a chival glass. It must suit your figure as well as your face. A very short woman is ridiculous in an immense hat unless she is pretty and graceful enough to be piquant. On the other hand, a woman who is far too tall is nothing less than overwhelming in a huge picture hat. There is a certain balance between the headpiece and the figure, and this balance must be preserved. Your own good taste will guide you in this matter.

Color has laws so subtle that only long study can make you sure of them. The general laws are affected by a slight tint of complexion. You must learn the colors that are yours, and then never, on peril of your beauty, depart from them. You have day colors and evening colors, dark and light colors, and you must know what they are.

The old rule of "match your hair by day and your eyes by night" is now regarded as almost meaningless. Experiment proved its mistakes in many cases. In general, the dead white hat should be worn by none except the girl with dark hair and delicate complexion and is therefore the most difficult of all hats. The black hat is safe for almost any one and can be worn by many whose skin is too dark to permit of black below the face. Black above and white below the face are inclined to make a sallow woman look fairer.—Washington Star.

RICE AS FOOD.

More Nutrient in the Cooked Water Than in the Grain.
The rice grains that we eat and believe are nourishing do not begin to have the real nutrient that is contained in the water in which they have been cooked.

For thousands of years rice has been the main food of the Chinese, Japanese and even the Sikhs of India. When we stop to think that these warlike nations compose one-third of the human race and subsist largely on rice, it seems probable that they thoroughly understand its properties. But the orientals have found that the water that we throw away after cooking the cereal is what contains the greatest life giving properties. In fact, they prefer the water to the grain as a nutrient.

In cases of stomach trouble, so prevalent in the east, it is used with great effect and can be retained when even milk is rejected. But for the Anglo-Saxon a delicious dessert can be made from this same rice water. After cooking the rice drain the water and flavor with some extract. Set on the ice to cool, and it will form a jelly. Heap with whipped cream or fruit and serve. This makes not only a tasty but nutritious dish and certainly an economical one.

THE HOME DOCTOR.

For snake bite or other poisoning a poultice of onion is effective. For any kind of a sore that "is always getting hurt" protect it well with a cushion of cotton batting. When a finger is cut or bruised or any poisonous wound made, apply turpentine freely at once. It takes out the soreness immediately.

A wash made of witch hazel and cocaine to be applied to the nasal passages when the asthma comes on is an effective cure for hay fever. Cloths wrung out of hot water with which a tablespoonful of turpentine is mixed is effective in cases of inflammation of stomach and bowels. Any one can add strength and weight to his body by rubbing well with olive oil after a warm bath. Oil baths are particularly beneficial to delicate children.

Children and Nutmegs.
"Every careful mother," said a doctor who had just treated a child made violently ill from chewing a nutmeg, "should keep nutmegs as far out of reach of her children as she does the ammonia bottle or the carbolic acid. Nutmegs are a deadly poison. I remember a case about six years ago where a boy eight years old died in great agony after chewing and swallowing two nutmegs. As a general thing small children do not like to interfere with pepper, ginger and similar aromatic spices left around in kitchen cupboards. One taste is enough usually. But it seems to be a fact that most children will chew nutmegs if they can get them."

Starchy Foods.
Too much starchy food is eaten in many households. Potatoes are served with every meal, and they are usually mashed or boiled. It is well to substitute rice, hominy and macaroni for potatoes two or three times a week at the very least and better still to omit any of these at many meals. Fried hominy is a delicious substitute for potatoes when chicken is served. Boil the hominy in the usual way, pour it into a shallow dish to cool and slice pieces half an inch thick. Flour lightly and fry in chicken fat or butter and drippings. It is an excellent breakfast or luncheon dish served with maple syrup or chicken gravy.

Antidote to Poisons.
It is a great thing to thoroughly understand what simple antidote to take if one is so unlucky as to swallow poison of any kind through mistake or otherwise. Sweet oil is to be found in nearly every house, however humble, and a half pint of it taken immediately is an effective antidote to almost all poisons. Any one with a strong constitution should take a larger quantity of this simple remedy.

Confessions Of A Priest.
Rev. Jno. S. Cox, of Wake Ark., writes, "For 12 years I suffered from yellow jaundice. I consulted a number of physicians and tried all sorts of medicines, but got no relief. Then I began the use of Electric Bitters and feel that I am now cured of a disease that had me in its grasp for 12 years." If you want a reliable medicine for liver and kidney trouble, stomach disorder or general debility, get Electric Bitters. It's guaranteed by Chas. N. Clarke the druggist.

For Sale.
Team, Harness and Wagon, F. A. WEYGANDT.

Drug Store Lights.

Apothecaries were once in the habit of using a red light as a sign of their trade. It so happened one night that a druggist found himself without the necessary red light, so as a substitute he placed a bottle of red liquid in the window, with a candle behind it. He was so well pleased with the effect that he placed another bottle of red liquid in another window.

This sign made such a brave showing for means of improving the sign. He hit upon the scheme of placing a bottle of yellow liquid by the side of the red one and then surpassed his previous efforts and carried all before him by placing a green bottle by the side of the yellow one. The three made a sign which caught the approval of the town, and all the druggists quickly followed in the footsteps of their more original rivals.

The bottles were later replaced by the handsome colored vases which are now such a familiar sign all over the world. The bottles were later replaced by the handsome colored vases which are now such a familiar sign all over the world.

Too Long For His Bunk.
During the American civil war there was an assistant surgeon in the navy six feet four inches high, who was serving on board the Penobscot, which was only five feet eight inches between decks. The doctor's bunk was scant six feet in length, so that he was uncomfortable even in lying down. When the doctor was breaking over the ship the doctor was deprived even of the comfort of unclogging on deck. After considering the matter thoroughly and remembering that long letters to the department were not always read and not always considered, he wrote as follows:

Hon. Gideon Wells, Secretary of the Navy.
Sir—Length of surgeon, 6 feet 4; height of wardroom, 5 feet 8. Respectfully,
E. C. BIRNIE,
Assistant Surgeon.

The department promptly dispatched him "until such time as more suitable ship could be found for his assignment."—Chicago News.

A Stickler For Etiquette.
Dr. Thompson, master of Trinity college, Cambridge, was an exceedingly cold and austere man, never taking much notice of the undergraduates under his care. On one occasion a Trinity man happened to be out walking and was caught in a storm. He ran across a field and took shelter beneath a large tree. When he arrived there he found, to his horror, that Dr. Thompson was beneath it, seeking protection from the rain. For some time both stood silent, watching the clouds till at last the undergraduate, growing desperate, ventured to remark that he thought it was clearing up a little. "Sir," said the doctor haughtily, frowning upon the wretched youth, "all communications to the master of Trinity must be made through the tutors."

The Hospitable Yuruk.
Among the qualities possessed by the Yuruk hospitality is no doubt prominent. Deprived by the very influence of his adventurous life of all the fierce instincts which characterize the Turcomans, restricted because of his occupations to the woods, the plains or the mountains; constantly exposed to the inclemency of the seasons, to dangers and enemies of all kinds, the Yuruk has conceived a generous and noble idea of hospitality, and he practices it with disinterestedness and pleasure. His tent, whether in his presence or absence, is always opened to the traveler, and food and drink in abundance are given him. The tents of the Yuruks are square and made of a sort of black woolen cloth.

An Island of Black Cats.
One of the queerest corners of the earth is Chatham island, off the coast of Ecuador. This island lies 600 miles west of Guayaquil, and the equator runs directly through it. It abounds in cats, every one of which is black. These animals live in the crevices of the lava foundation near the coast and subsist by catching fish and crabs instead of rats and mice. Other animals found on this island are horses, cattle, dogs, goats and chickens, all of which are perfectly wild.

He Didn't Like Her.
"Look here," said the sour faced lady who had answered his "personal," "your ad. is a fake. It distinctly stated, 'Object, matrimony.'"
"Well—er—um—you see," faltered the man nervously, "there was some mistake. The printer omitted a word. The ad. should have read, 'Object to matrimony.'"—Town Topics.

Very Near It.
The teacher told Elsie to name the large bodies of water. She had been absent the day before and hadn't learned the definition of a sound. She thought she remembered the name, and she recited, "Oceans, bays, gulfs, straits and—and noises."

Cried All the Time.
Mother—Tommy, what's the matter with your little brother? Tommy—He's crying because I'm eating my cake and won't give him any. Mother—Is his own cake finished? Tommy—Yes, and he cried while I was eating that too.

A Man Much Sought After.
She—Who is the most popular man in your club? He—I am. She—Isn't it rather conceited of you to say that? He—Oh, no. It is merely equivalent to saying that I lose more money at cards than any of the other members.

His Signature.
Paying Teller—What is your name, anyway? Indignant Presenter of Check—Don't you see my signature? Paying Teller—Yes; that's what aroused my curiosity.—Baltimore American.

A Judicious Inquiry.
A well known traveling man who visits the drug trade says he has often heard druggists inquire of customers who asked for a cough medicine, whether it was wanted for a child or an adult, and if for a child they almost invariably recommend Chamberlain's Cough Remedy. The reason for this is that they know there is no danger from it and that it always cures. There is not the least danger in giving it, and for coughs, cold and croup it is unsurpassed. For sale at Williams' Pharmacy.

NOTICE FOR PUBLICATION.

United States Land Office, The Dalles, Oregon, May 23, 1904.—Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada and Washington Territory," as extended to all the public land states by act of August 4, 1892, the following named persons have on May 3, 1904 filed in this office their sworn statements, to-wit:

FRED ERKENS
of St. Paul, (153 Inglehart street) county of Ramsey, state of Minnesota, sworn statement No. 218, for the purchase of the SW 1/4 of section 21, township 1 north, range 11 east W. M.

JOHN J. ERKENS
of Portland, (20-14th street) county of Multnomah, state of Oregon, sworn statement No. 217, for the purchase of the E 1/2 NW 1/4 and E 1/2 SW 1/4 of section 25, township 1 north, range 11 east W. M.

QUINCY MITCHELL
of Toloacast, county of Union, State of Oregon, sworn statement No. 212, for the purchase of the SW 1/4 of section 7 and 1/2 of section 7, township 1 north, range 9 east W. M.

JASPER N. MITCHELL
of Toloacast, county of Union, state of Oregon, sworn statement No. 211, for the purchase of the SW 1/4 of section 7, township 1 north, range 9 east W. M.

ELIAS M. MILLER
of Hood River, county of Wasco, state of Oregon, sworn statement No. 210, filed August 23, 1903, for the purchase of lot 11 of section 7, SW 1/4 of section 7, township 1 north, range 9 east W. M.

JOHN F. DALY
of Blunt, county of Hughes, state of South Dakota, sworn statement No. 209, filed August 19, 1903, for the purchase of lots 9, 10 and 11 of section 18 township 1 north, range 9 east W. M.

LAURA BALDWIN
of Hood River, county of Wasco, state of Oregon, sworn statement No. 208, filed January 16, 1904, for the purchase of the SW 1/4 SW 1/4 of section 27, township 1 north, range 9 east W. M.

EXECUTOR'S NOTICE.
Notice is hereby given that the final account of the undersigned as executor of the last will and testament of Samuel McCarney, deceased, has been filed in the county court of Wasco county, Oregon, and that the Honorable County Judge of said county has appointed Friday, October 14, 1904, the hour of 2 p. m. for hearing said final account, at the Dalles in said county; at which time and place any objections to said account may appear and be heard.

HOLMAN BROS.
HOOD RIVER HEIGHTS
Cottage Market,
Fresh and Cured Meats,
GREEN VEGETABLES.
FREE DELIVERY.
Cow For Sale
Will send under first class cows. Call at J. B. FLETCHER'S grocery store on the hill. oct30

THE Oregon Lumber Co.
are offering EXCEPTIONAL VALUES in Workingmen's Goods.
Have just opened the LARGEST and BEST line of UNDERWEAR in the City
See the
Mt. Hood & Stockton Mackinaws
Complete Line of Rain Goods
Sole Agents for the
Celebrated Bradley Logger Shoe
PHONE 51.
Three years spent in organizing one of the most complete home furnishing establishments in Oregon
"OUR MOTTO"
Everything for Building and Furnishing the Home
High or low priced, Humble or Grand; It's all the same to us—We furnish Complete to fit the home and your pocket. Did you ever stop to think how many different articles this calls for—that are kept busy buying from every section of production—that we don't have time for a decent good morning? You don't care? But you do care for the convenience of this vast collection, the prices made possible with cash and care, the warrant that goes with each article, the guarantee that our prices are as low as any Catalogue Houses, Chicago and Portland not excepted. And the end is not yet; we are drawing plans for an addition to our store rooms that will exactly double our capacity for engaging our stock of Hardware, Stoves and Tinware, Furniture, Carpets, Linoleums, Building Material, Paints, Glass, Lime, Guns and Ammunition
STEWART, the Home Furnisher.

COE'S 3d ADDITION
Without question the most beautiful residence location in the city. High and slightly, no mud no dust. Supplied with the purest spring water. You are cordially invited to come up and investigate, see the water plant, enjoy the fine view and have a good drink. No trouble to show lots: Always at home. Now is your chance.
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W. E. GODSEY,
Blacksmith and Wagon Maker
Horse-Shoeing and Repair Work
A SPECIALTY.
HOOD RIVER HEIGHTS.
E. M. HOLMAN
REPAIRS
Harness, Shoes, Bicycles, Umbrellas, etc.
Satisfaction Guaranteed.
Hood River Heights.

CLARKE
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DAVIDSON FRUIT CO
FRUIT DEALERS
and Manufacturers of all kinds of
GROCERIES, FLOUR and FEED
NOTIONS,
GLASSWARE, CROCK-ERY, Etc.
HOOD RIVER HEIGHTS.
Some Bargains.

Williams Says
Buy your
Drugs, Soaps Toilet Articles
In fact, anything in his line, and get your
World's Fair Coupons
Agents for Eastman's Kodak Films
1. 6 acres one mile out, all in berries. A beautiful location—will be sold at a bargain.
2. Two 20 acre tracts, on East Side. All set to apples; best varieties.
3. 34 acres—one mile out, set to apples, pears, clover and strawberries.
4. 42 acres—10 miles out, 16 acres in orchard—10 in full bearing. First-class improvements. A beautiful home.
5. 80 acres—3 acres 7-year-old apple trees, balance in clover and general farming. New four room house.
6. 40 acres in the most beautiful portion of the valley. 4 acres in orchard one year old, 5 1/2 acres in berries, 4 acres in alfalfa, balance general farming.
7. 10 acres four miles out; splendid soil; 1 acre apples, best varieties; one year planted. 1 1/2 acres in strawberries, 2 acres in potatoes, 5 acres in clover.
8. A number of 10, 20 and 40 acre tracts of unimproved land, that will bear investigation. Also a number of large tracts from 100 to 320 acres in Oregon and Washington.
Some few residences and lots in every portion of the city.
W. J. BAKER,
Real Estate Agent,
Hood River, Oregon.