## WHAT IRRIGATION IS DOING



Birdseye View, Showing Irrigated Section

By Lulu R. Lorenz.

THE Hudson Bay Ditch company, which has been in existence for four years, covers 5,000 acres of land, which grows mostly alfalfa, in the vicinity of Freewater, in Umatifia county, Oregon, and only a few miles from Walla Walla, Washington.

ere are eight miles of main ditch and 27 miles of laterals. The water is surplus from the Tum-a-Lum river, a branch of the Walla Walla river. The chers who own land under the ditch. me of the finest alfalfa in the northwest is grown here, much of which is shipped out, and many cattle from different parts of Oregon and Washing-ton are fed here during the winter

Great Fruit Country.

Only a short distance from the alfalfa ids vast tracts of fruit are seen in the Hudson Bay, Freewater and Milton country, where land is irrigated by different private concerns. The citizens and fruitgrowers have just constructed a cannery at Freewater, capitalized in the sum of \$15,000, which will be in operation for this season's crops.

The country between Freewater and Walls Walla is rapidly being built up, and now that a trolley line is running through from Walla Walla to Milton, many of the residents of Walla Walla buying five and ten-acre tracts ag the line of the road in preference to living in the city, which will in time tend to make the entire country between Milton and Freewater and on to Walla Walla one vast tract of orchards and

beautiful homes.

A grange is already established in the Hudson Bay country, and a grange hall has just been completed at a cost of \$1,000, the stockholders all being

Diversified Farming.

Diversified farming brings many new settlers into this section of the country, who can live on small tracts of from five to 19 and 20 acres.

All kinds of vegetables and fruite are raised here. This year the principal pack at the cannery will consist of tomatoes, peaches and cherries. More than 100 acres of tomatoes have been contracted for.

The present outlook for a bumper crop of small fruits, apples, prunes and all varieties is exceptionally good.

Sultan's Ragged Soldiers. From the Chicago News.

sultan's army suggests a regular untry circus. Every Friday one may diers at the parade of the Selamlik, which takes place on the Kasha square at 11 a. m. A battalion marches past in double column and salutes the governor, who goes from his palace to the mosque. All these warriors are poorly equipped. heir uniforms have lost their color and trousers are too short, showing that this gang of ragged rumans could not stand a fight. Fanaticism will make



View of Hudson Bay Company's Headgate.

PEARL KING OF TAHITI

Made Fortune Buying Gems From Natives to Sell in Europe.

E. Levy, the pearl king of Tahiti, is about to retire from business in the islands. During his sojourn there he has amassed a large fortune by picking up shaped pearl, pearls among many islands that com-

prise the Tuamotu group.

When Levy went out to Papeete, some 20 years ago, says the San Francisco Call, he bought a little sloop which he named the Diamond. In this and brought from the natives the pearls found by them in the great pearl oys-ters which are so common in that re-gion. After he had gathered a large assortment of the beautiful gems, he covered with shoe polish. How-it would be a mistake to think market for them. He soon afterward this gang of ragged ruffians could returned to Tahiti and bought the trim stand a tight. Fanaticism will make schooner Tiara. Levy then began business of them, for their contempt of ness on a large scale and acted as a trader between island points.

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SECOND FLOOR.

Everything Levy touched in the is-lands seemed to favor him. His pearl ndustry grew rapidly, necessitating trip each year to the gem markets of Europe. Among the pearls taken abroad by him are said to have been some that now adorn the crowned heads

of Europe. Levy is a rare judge of jewels and has made a special study of the pear-On his last visit to Paris Levy took with him one of these rare gems valued at \$5,000. It is said to be the most beautiful pearl of its size ever seen in Europe. Its great beauty is in its pe-

culiar pearlike shape and in its mar-yellow color, being tinged with the faintest shading of a golden hue. One of the greatest sem experts in France told Levy at the time that if he sould find a mate to this wonderful pearl he would pay him \$50,000 for it.

Levy at once hastened back to Papeete and it is reported that he found the gem he was looking for. He has sold his schooner Tiara and in a few weeks will leave for Europe, where he will reside permanently. His eldest will reside permanently. His eldest son will remain in Tahiti to look after his business interests there.

KISSING DAYS

Observance of Ancient Custom by an English Fishing Town.

From the London Evening Standard. Yesterday was "kissing day" at Hungerford, a quiet community on the western borders of Berkshire, renowned for its trout fishery and its faithful adherence to the ancient customs of Hocktide, which have been ob-

served since the days of John of Gaunt,

Duke of Lancaster, who granted the rights and privileges to the common-At daybreak the town erier, arrayed in new livery, took his stand on the town hall balcony and blew his lusty blast on the historic horn, which is the symbol of Hungerfordian liberty. Then home farm near Ociwein on Tuesday, the "tuttimen" went forth bearing staves and was not found until late in the garlanded with flowers and made of a perambulation of the town, kissing every lady whom they met and demand

ing a penny from every male house-The sum thus obtained served to pur chase oranges for scrambling among the crowd of children who followed in their footsteps. The ladies took the kissing in good part, and the maids paid

p smilingly, Meanwhile the Hocktide jury was Meanwhile the Hocktide jury was little garments until they were attered transacting more serious business in and torn. The parents were rejoiced the town hall, electing a constable, who to recover the child and the dog vied is both a coroner and a mayor, also appointing keepers of the keys of the common coffer, bailiff, portreeve and other ancient office.s whose duties are rather obscure.

How to Prevent Nightmare.

How to Prevent Nightmare.

Referring to the frequency with which unpleasant dreams, and more particularly the classical nightmare, occur. Dr. Kehrer, the Munich specialist, says:

"Persons who are subject to disturbances of this sort should allow three or four hours to clapse between the last meal and going to bed; should not let this meal be too hearty a one, and should make it a point to avoid all indigestible dishes and alcoholic drinks with the evening meal."

BLACK BARLEY

Claimed to Be Best Fat-Produc-Ing Grain That Can Be Grown in Baker Valley.

MORE WONDERFUL STILL IT THRIVES ON ALKALI

Promoted by A. V. Swift, a Rancher, Who Got the Seed From a/Utah Immigrant-Yields Very Heavily Without Irrigation.

(Special Dispatch to The Journal.) Baker City, Or., May 4.—The intro fuction of black barley into Baker valduction of black barley into Baker val-ley is the greatest boon to the farmers of this section of the state. Hog rais-ing has been carried on quite extensively by the farmers, wheat being used to fatten the stock. Although the indus-try has proved profitable with this grain as a food it will prove very valu-able indeed with the new product, black barley, which rivals corn in fat-produc-ing powers. The story of the introduction of this

wonderful grain into Baker valley and its usefulness is about as follows: A little more than three years ago A. A little more than three years ago A.
V. Swift, an enterprising young farmer,
was riding in the hills near Lower Powder valley when he came up with an
immigrant from Utah who was seeking
a home in eastern Oregon. He noticed
the immigrant feeding his chickens
a peculiar purple-black grain, and on
inquiry found that it was black barley
which was grown quite extensively in which was grown quite extensively in Utah. Mr. Swift became interested in the peculiar grain and purchased the immigrant's stock for about 18 cents per pound. He found that he had several pounds of a most peculiar grain which was larger than wheat, very plump, weighed more than any grain he had ever seen, and added to these pe-culiarities was its uncommon purple-

Tields Good Crop. He sowed his "find" that season on fresh plowed strong alkali ground and was rewarded with a bountiful crop. The next season it was again sown on heavy soil and although sown very thin it yielded very heavily. For last season he had enough of the grain to seed close to 17 acres. It was planted too thick however, and much of the

seed close to 17 acres. It was planted too thick, however, and much of the grain was lost in harvesting, but the not yield was a trifle less than 72 Bushels per acre.

He then found himself in possession of enough of the grain to make experiments in feeding, which he conducted under the experienced eye of H. M. Cottrill, an Illinois corn feeder. After tests on hogs, horses and cattle, Mr. Cottrill does not hesitate to pronounce the grain the equal of corn, if not its superior, in fattening qualities for any stock. The fattening qualities for any stock. The comparative heavy weight of the grain, its peculiar ofly nature, and the fact tnat it is huskless, makes it imperative that a less amount than of other grain be fed to produce a given result. The average weight of a bushel of this grain

This grain brings with it the neces sary embodiments to make it the most productive crop which can be raised in Baker valley. It seems to thrive on alkali ground and will thus add to the acreage of tillable land of the valley.
All of Mr. Swift's experiments have been conducted on the dry farming plan and his success would seem to mean much to the ranchers of Oregon. This grain will prove of much value to stock raisers, combining as it does a propor-tionately heavy yield with excellent nutritive qualities,

DRCPS OF WATER TEST

Number That a Skeptical Student i Paris Could Stand.

A drop of water, even three or four drops; falling on the head seems a thing unworthy of attention; nevertheless in Chine a slow and continuous dropping of water on the head has been found to be a method of torture under which the most hardened criminal abjectly howls for mercy.
When a professor in the Sorbonne

stated this to his class the other day says the London Chronicle, one of the students laughed incredulously, and said it would take a good deal of that sort of thing to affect him. The professor assured him that eyes

one quart of water dropped stowly onto his hand would be beyond his endur-ance. He agreed to experiment. A quart measure filled with water was brought in, a microscopic hole was bored in the bottom and the perform-

ance began, the professor counting.

During the first hundred drops the student made airy remarks. With the second hundred he began to look less cheerful, then gradually all his talk died away, and his face took on a haggard, tortured expression. With the third hundred the hand began to swell and look red. The pain increased to tor-ture. Finally the skin broks.

At the four hundred and twentieth drop the sceptic acknowledged his doubts vanished and begged for mercy.

He could bear no more. Dog Guards Little Master.
Waterioo Correspondence to St. Paul
Dispatch.

A shepherd dog, faithful to death to its master, almost as intelligent as a human in ordinary matters, and more intelligent to scent danger, is petted and almost loved to death by Mr. and Mrs. John Lauber of Oelwein, whose 24year-old son wandered away from the

The little lad had toddled four miles, and the dog tagged along behind, watch-ing him and guarding him. When the sheriff, who had been summoned to take part in the search, found the little boy he was unconscious from cold. Over him stood the faithful shepherd, lifting up his voice in mournful howls.

The dog, to awaken the child and coax him to walk on, had pulled at his

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To be strong and manly is the aim of every strong man, and yet how many we find who are wasting the vitality and strength which nature gives them. Instead of developing into the strong, vigorous, manly young fellows that nature intended them to be, they find themselves weak, stunted and despondent—no ambition to do anything. They struggle aimlessly along, sconer or later to become victims of that dread disease, nervous debility; their finer sensibilities blunted and their nerves shattered.

Cure Men's Diseases

I have treated hundreds of men who have long suffered a gradual decline of physical and

suffered a gradual decline of physical and mental energy as a result of private ailments, and have been interested in noting the marked general improvement that follows a thorough cure of the chief disorder. My success in curing difficult cases of long standing has made me the foremost specialist treating men's diseases. This success is due to several things. It is due to the study I have given my specialty; to my having ascertained the exact nature of men's aliments, and to the original distinctive and thoroughly scientific methods of treatment I employ.

To those in doubt as to their true condition who wish to avoid the serious results that may follow neglect, I offer free consultation and advice, either at my office or through correspondence. If your case is one of the few that has reached an incurable stage, I will not accept it for treatment, nor will I urge my services upon any one. I treat curable cases only, and cure all cases I treat.

Tou've probably been treated for so-called weakness and helped temperarily or not at all, and the reason is very apparent when cause of loss of power in men is understood. Weakness is merely a symptom of chronic inflammation of the prostate gland, which my treatment removes thereby permanently restor-

noves, thereby permanently restoring strength and vigor,

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You can depend upon a quick and thorough cure by my treatment. A

quick cure is desirable because a elow cure is apt to be no cure at all, and a chronic development will come later. I cure you beyond the possi-bility of a relapse and in half the usual time required.

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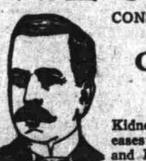
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the chief disorder is only a reflex ailment resulting from some other, disease. Weakness sometimes comes from varicocele or stricture; skin and bone diseases result from blood poison taint, and physical and mental decline follow long-standing functional disorder. My long experience in treating men enables me to determine the exact conditions that exist and to treat accordingly, thus removing every damaging cause and its effects. ing study in men's diseases will be given free upon application. Consultation and Advice FREE.

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Bome men are classed as lazy, shiftless, unreliable, careless; they lack ambition and courage and are disheartened, who really ban't help being tired and miserable. Many of these men are in failing health, unable to determine the nature of their allments, and their condition baffles their physician, too. They never know the happiness of being infiltrated with the strength possessed by healthy men, and which is so essential to achieve a marked success in life. The sufferer may eat well, sleep well and possibly never complain, but an unaccountable languor clings to him which he cannot shake off, robbing him of all ambition.

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Don't allow disease to take away all the pleasure of living. You should not become discouraged and lose your grip on life because inferior and unreliable treatment has failed to benefit you. Our special treatment for this class of troubles, which is varied and modified to meet the requirements of each individual case, is a safe cure, to which hundreds of cured men owe their sturdy health and happy condition in life.

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