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Nephi, the Dry Farming Wonder

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will be gone-yes, gone as far as original settlement is concorned; gone opportunity in its present unpreceent brilliancy is essential to the seek-

PPORTUNITY opens wide and the blasts of trumpets give the final call bo the great west which in but a few more years i gone-yes, gone as far as i settlement is conedrned; gone trunity in its present unprece-illiancy is essential to the seek-a new home.

dent brilliancy is essential to the seek-ing of a new home. Other cities have mammoth irriga-tion projects to proffer the investor, still more have land that needs lift-ite improvement to make its value great, but in few on he found land which permits both the mak-ing of improvements by pri-guires practically small capital to put it on a thriving paying basis. Such, however, is Nephi, the dry farming wonder of the south. It is a city of about 3,000 popula-tion, situated in the southern end of

STILL IN ITS INFANCY. Scientific dry farming is only six years old in Utah, and Utah leads all other states. It was the first state to support dry farm experiment stations and has been followed by Oregon and Montana in the west. The results are being closely watched by the depart-ment of agriculture and much ald is being received from the general gov-ernment in the support of the station at Nephl. Other stations are located at Tooele. Enterrise, Parowan, Richfield and Monticello, and the success of all is great. The interest of farm-ers in the stations is gratifying and the fature is full of promise. The Grace Brothers who own about 200 acres in the vicinity, are getting wealthy from their dry farm. They

30 bushels to the acre will give s3,400,000 worth of wheat to the food consuming public with the money in the bank for the farmer. STILL IN ITS INFANCY. Scientific dry farming is only six vears old in Utah, and Utah leads all other states. It was the first state to support dry farm experiment stations and has been followed by Oregon and Montana in the west. The results are being closely watched by the depart-tement of agriculture and much aid gay.

25 tons, and making two round trips a day. Gypsum is a hydrous sulphate of lime, made up of one molecule of lime sulphate combined with two mole-cules of writer. Commercial gypsum is not usually go pure as this, often carrying high percentage of clay, lime-stone, magnesian limestone, and iron oxide Pure gypsum is white and when in t e crystalline form, translucent, the inpurities which it commonly con-tains usually destroy its translucent as mined is an opaque, finely grained was, varying from white to reddish, star, or brown in color. That near Nepal is gray. Gypsum can readily be distinguished from other inherais by its extreme softness for even when in the drystalline form it can be scratch-ed by the finger nail. The gypsum found at Nephl is of massive rock variety. Alabaster, itself, is mericy a pure, white, fine grained massively in statuary, the commerciat importance of the Nephl deposit can well be estimated. BALT DEPOSITS.

SALT DEPOSITS.

SALT DEPOSITS. The rock sypsum at Nephi occurs in the form of bods, associated with beds of rock sait and interstrutified with this beds of kinestone and thicker beds our red shale. Tae gypsum beds vary in thickness from six to 60 feet. The beds at Nephi were caused by the gradual evaporation of Lake Bonneville, which carried much lime subplate in solution. In fact any water carries as its three commonest constituents, lime carbon-ate, lime subplate, and sodium chloride; and when evaporated deposits of lime-stone, sypsum and common sait are the results.

and when evaporated deposits of lime-stone, sypsum, and common salt are the results. From gypsum, several varieties of plaster are produced. The calcinating of gypsum, no foreign materials being added either during or after calcination, produces plaster of Paris. The calcin-ating of gypsum containing impurities or by the adding to a calcined pure gypsum certain materials which serve to retard the set of the product, pro-duces cement plaster. The calcinating of pure gypsum at a temperature ex-ceeding 400 degrees F. produces floor-ing plaster and the calcinating at red hot or over of gypsum to which cer-al substances (usually alum or borax) have been added, produces hard-finish plaster. These are all plasters of great commercial value. The Nepht Plastor & Manufacturing company, whose plant was destroyed by fire this year, has constructed a new steel plant at a cost of \$65,000, with a capacity of 200 tons. Salt springs conthining pure salt in solution are situated in Salt Creek can-yon, 12 miles northeast of Nephi. At though a refining plant was erected and an excellent quality of salt produced, and tore the buildings down. This was on account of no demerit in the spring itself, but rather merely a maneuver in the fight for control of prices. The salt impregnated water still issues in profusion from the spring awaiting only the hand of willing capital. STONE QUARREIES.

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STONE QUARRETES. Among the many resources of Nephl, rone are capable of greater develop-ment than the stone quarries—one a red sandstone taken from Dog valley 10 mijes west, the other a reddish brown stone taken from the vicinity of Mt. Nebo, the latter being the quarry that furnished the stone of which the Des-eret News building of Sait Lake City is constructed. Beth of these quarries are at present being utilized for local consumption, though for some years there was a railway to the Mt. Nebo quarry, it has for some unaccountable reason been torn up. There is, there-fore, great room for judicious invest-ment in this respect for the Mt. Nebo rock is very hard and excellent; in fact it is considered the best building stone, n the state where cost is not the first consideration. There are some and wells hust eauth of first consideration

There are some oil wells just south of Nephl, though at present the industry is in abeyance as far as commercial importance is concerned.

NEPHI'S ATTRACTIONS.

As to the city itself, many new build-ings have recently been constructed; and there are indications on every hand of improvement and progress. Nephi has a water system, electric lights, new pavements, and a commercial club. The schools of Nephi rank among the







WHERE PURE MILK IS PRODUCED





STREET SCENE IN NEPHI.

Juab valley, at a point about 92 miles south of Salt Lake City, and at the eastern side of Juab county of which it is the county seat. It lies at the foot of Mt. Nebo, a towering snow-covered peak of 12,000 feet height, which forms the south end of the cract-Wasatch range. The progress, educational advancement, and thrifty husbandry, vies with any city of imilar size in the whole inter-mountain region. Its resources are as varied as those of any city in Ameri-a as they include not only farming wells, salt mines, salt Springs, stone quarries, mining, gypsum, timbering and the raising of sheep and cattle on extensive scale. Nephi is now attracting the atten-tion of the world to fits extensive preations in dry farming. This has reached its present stage through springes of experimentation carried on by experts and government officials, it is considered without doubt the state and consequently in the world. 200,000 ACRES AVAILABLE

300,000 ACRES AVAILABLE. 300,000 ACRES AVAILABLE. Only about half of the available land is under cultivation as yet; and this is way Nepai is the realization of the homeseeker's dream, this Arcadia! In the western part of the county there are about 300,000 acres some of if mountainous some somi-arid, but all usable under the scientific methods usable under the scientific methods now employed. This land can be pur-chased from the state at \$2.50 per acre; while dry farming land near Nephi sells at from \$10 to \$25 ac-cording to jocation and the texture of the soil

the soil. As to the industrial result of dry forming, a statement made by Sena-tor Hyde is of great significance. "After the panic and just before, I believe Juab county was in worse shape than any other section of the state, Many homes were placarded with 'for sale' and 'for rent' carls, people were moving way in search of

becope were moving way in search of employment, especially the younger men, business houses were doing scarcely any volume of business, and the spirit of depression was general among all classes. It was soon after that, that the results of the state er-

help awaiting their call. He must have his eye on the clouds, the sun and the help awaiting their call. He must have his eye on the clouds, the sun and the ground all at one and the same time. It is much like the situation confront-ing a battle commander. He must have all his plans for the campaign hald and all his men and materials ready and then to make the onslanght at the psychological moment. It must be done this way and no other if best results are in view.

be done this way and no other if Dist results are in view. Similar tests are made with different seeds. Counted seeds from selected lots may be planted with regard to the size of the seed. Small seeds may be in one row, larger seeds in another, still larger seeds in another and so on throughout the test. The harvest re-sult compared with the record will show which class of seeds has aro-duced the best results. In passing, Mr. Farrell declares that the result of his experiments have shown that for a given class of seed, the largest seeds of the class produce the best result. Of two different clarses, however, he declares that the class producing the largest seeds is not necessarily the one which will give the best harvest. But, in a given class, the larger seeds of this class give the best results. "Blood will tel," even in wheat. STATE TEST WELLS.

are able, thrifty men, who are alert enough to take advantage of the latest successful experiments. J. W. Paxman, also a prosperous farmer, has about a thousand acres. Eroadhead Broth-ers, between three and four thousand Others, who deserve mention along with these are: Belliston Brothers, James P. Anderson, Edward Ingram, Joseph E. Irons, Alfred Lunt, Shed Lunt, William C. Ockey, George H. Pierce, Robert C. Stephenson, Charles Wilson, Samuel R. Wimm and Joseph F. Wright, each of whom own land In amounts varying from 236 acres to 5.103.

The great amount of wheat produced from these farms is more than the two local flour mills can handle by running both night and day; so any one desir-ing a good investment would do well to build another flour mill at Nephi.

FRUIT GROWING.

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handing an ensees. It was soon alter that, that the results of the state ex-periment station attracted the atten-tion of farmers and young men here and the Paxman and Grace farms and hany others were begun. It seemed as it romeene had worked a miracle. No sooner was the sagebrush grubbed from the wide stretches of land, the plow and harrow at work crops in and then sprouting, than all was changed. Our young men returned. Thousands of acres of land were reclaimed and prosperity seemed to descend upon us Now after three or four years of dry farming there is scarcely a home for sale in this entire city, hardly a home, that can be rented for sale in this entire city, hardly a home that can be rented and instead we see on almost every hand a cottage springing up. for some newly married couple or some family which has emerged from its former poor condition and is now prospering and preparing to enjoy the fruits of, this prosperity."

U. S. EXPERIMENT STATION. Senator Hyde, answering a quist in declared that the government ex-periment stations, like the one at wephi, must not be looked up of as model farms. This is not their par-pose. They are to determine drives which must not be done as well as to indicate the right way of dolag thin is. He declared that there were many fall-ures on these experiment stations, and that if the farmers would profit by these failures, they would not suffer the losses that there would follow. In following the methods that have progent as the successes, and should be readed as ab. According to Mr. "Dave" Farrell of the failures is successful dry frominent factors in successful dry from planting and solection of read-tor planting made solection of the de-constantly being made at the station and the results are made of record for outdance in the future. The method of the results are made of record for procedure is as follows: CONSERVATION OF MOISTURE

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CONSERVATION OF CONSTRUCT CONSERVATION OF CARACTERS To conserve mentature, land is ploaged that the set of the first and status the status of the status of



new pavements, and a commercial club. The schools of Nephi rank among the very finest in the intermountain west if, indeed, they do not compare favorably with the best in the country. There are three large school buildings and a school population of nearly 702. The Nephi High school-now in its twelfth year-is considered by many to be the best in the state. A four-year course is given with studies in Eng-lish, algobra, physiography, agriculture, domestic science, music, drawing, cook-ing, sewing, carpentry, physiology, ge-ometry, history, zoology, botany, rhe-toric, chemistry, civics, political econ-onn, as well as other studies. Such an institution is of course a great credit to the city. Nephi has two churches, Latter-day Saints and Presbyterian, and of the se-cret orders there are two, the I. O. O. F. and Woodmen.

Woodmen and

and Woodmen. There is ample diversion about the city. Ducks are plentful west of the city. Ducks are plentful west of the city. Tabbits are abundant; chickens and sage hens are in the mountains; there are tront in Salt creek, and black bass at Monta Springs, north of the city, and at Mt. Nebo reservoir. There are also some deer in the mountains. Neph has two railroads-two passen-ger trains each way a day on the San Pedro and one train a day to Manti. There is a fine armory and one of the oldest national guard companies in the state.

state. There is opportunity for a laundry, a canning factory, a coreal food plant,an-other flour mill, a knitting factory, a good hotel, another plaster plant and a mining stock branch, besides a coal company.

MIXED METAPHOR.

The Wonderful Feat That Was Performed by a Bottle.

An amateur historian is responsible for this: "All along the ever flowing stream of history you can discern the

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VIEW OF THE BEN R. ELDREDGE DAIRY, FOURTEENTH SOUTH AND WEST TEMPLE.

With a whole nation wrought up to the highest pitch in the making of pure food laws, investigations and enforcements; with a public which is becoming more and more conversant with scientific sanitation, the rules of health and the ravages of the deadly but invisible microbe; and last but not least, with the knowledge that formaldahyde and other preservations may be put into milk, keeping it sweet to the taste but not delaying for a moment the growth of death dealing germs, which lie thus hidden as a viper in sweet smelling clover-with all these facts and this knowledge, one sighs with unmistakable relief when shown what one knows to be an honest dairy. To know that the milk left at one's door is as pure as when it left its healthy producer; know that it is not adulterated with water, to know that it is not at one and the same time both sweet and

The Ben R. Eldredge dairy at Fourteenth Sopth and West Temple is such a dairy. It has been tried and tested and found worthy of th highest recommendation, When the government requirement is 45 points out of a possible hundred and the Eldredge dairy under the most rigorous examination scores 88½ points out status as a reputable dairy, a paragon for others to imitate, is thoroughly established. The government can-

status as a reputable dairy, a paragon for others to imitate, is thoroughly established. The government can-not be fooled; its agents are, as a rule, hard and cold in their scientific announcement of fact; therefore no praise that can be given is so strong as this one governmental dictum. Throughout the Eldridge dairy is evidence of that strict sanitation which the inspector's score attests. In whitewashed sheds are five stanchions of healthy, well groomed cows, prize winning Jerseys, shorthorns and various other rull bloods noted for the excellence and richness of their milk. The whole place is sweet-smelling and fresh, there being a delightful scent of hay and a busy rumble of vigorous feeders. The fodder and hay is fed from a cemented manger in an apportioned amount essential to health and productiveness. There is not a sickly cow in the herd as tuberculine tests are made semi-annually and any critice showing

There is not a sickly cow in the herd as tuberculine tests are made semi-annually and any critter showing unsavory symptoms immediately discarded. The typical cow has a large udder with large soft milk veins, a visible vertebrae; loose hide and solid flesh.

The milkers wear white approximation in the milk pails have only an aperture at the top. Udders and flanks are care-y washed before the milking begins, making every possible assurance of cleanliness. In the straining room the milk is straned through a closely woven sheeting and the individual product for the block weighted. fully

milking, weigred.

The milk room, carefully screened and cemented, with abundance of fresh water flowing through it, is well equipped for the cooling process through the expensive and greatly improved cooler a fly is any unknown quantity so rigorously is he shut out of the equation; in fact the place has the immaculate appearance of the kitchen of

In the next room hundred of bottles are undergoing the cleaning and necessary to counteract the careless is of some lazy housewife.

ness of some lazy housewire. Outside the wagons are all scrubbed daily, and in fact from meadow to home the milk is assured the strict-est of cleanliness, in handling. Any expectoration on the part of an employee is equivalent to a discharge. In the spring, summer and autumn the cows roam browing about the sweet smelling meadows visiting the bars only twice a day; and in winter much opportunnity is given them for exercise and sunshine in the dry yards and fields. Would'nt you like a glass of milk daily from such adairy?

