Every Package of Schilling's Best tea is a sample. Your money back if you don't like it.

ABOUT MINES AND MINING.

its monetary use, use among the arts etc. and the foreign demand for it to ever

hange prices. The article says: With a gold production for 1897 estimual increase. The effect of new upplies of the precious metals is greatrestricted by the fact that the addiass already in existence. An addiion of 25 per cent to the annual pro-Inction of wheat or corn, or even of note permanent industrial products, iron or copper, would have a ked effect upon prices. Gold is unabtedly influenceed, like all other ticles, by the law of supply and deand, but the supply in any one year only a small addition to the amount lready in the market. All the gold if the world used as coin or bullion in onetary exchanges is constantly in he world's money market, capable of eing purchased by commodifies distly or by slight premiums in rates

f exchange. It has been shown that the visible tock of monetary gold existing in the orld today is about \$4,360,000,000. teasons will soon be given for thinking hat another sum of \$1,000,000,000 is scealed in private hoards. The athematical elements of the problem, erefore, are: An aggregate gold pronetion within historic times of \$9,-00,000,000; a visible supply of gold use as money of \$4,360,000,000; and possible annual increase of the sup-,000 in future years.

The second question-what portion fore Christ. the new gold will be devoted to metary uses-suggests the interestng inquiry, what has become of the sible in coin and bullion? The tance of 10 miles. jount to be accounted for is \$4,800,-60,000 and represents more than half the gold which has been produced nce 1492. There are three channels rough which this difference has been

sorbed, which may be briefly treated

Americans the Best.

strength, the miner will be practically It is complained that the British helpless. It is no time or place to exve made no money out of mining in periment. What is required is a bak-

the mineral districts have been sadly neglected. With the character of ore, alaska Gold in Relation to Affecting the fuel, the timber, transportation,

the grades of ore for fluxing each other, "What effect will the new gold yield and the mild climate, Oregon and ave upon prices?" is a question which Washington, he says, should be the being debated by statesmen and greatest mineral-producers in the West, The North American Re- State boards could be of advantage in name treats the subject at length and many ways. For one thing, they fraws the deduction that even though could constitute themselves a fountainthe Alaska yield is enormous it will head of reliable information, by keep-ing in touch with all the districts, e. It reasons that there are too where capitalists, strangers and people gee. It reasons open to the use of gold at home could draw from for investing,

AN ALL AROUND FRIEND.

We need not talk about the weather when mated at \$240,000,000, it is evident we come to discuss the cause of so many hat the new goldfields will have to aches and pains which afflict mankind. rave exceptionally productive in or- Much of these afflictions is from heritage he to add a great percentage to the of infirmity of the nerves, muscles and world's annual supply of gold. If hey should yield \$60,000,000 per year, arrying the total annual production to 300,000,0000, they would still be adding only 25 per cent to the previous is one reason why St. Jacobs Oil is so pop-ular. It cures aches and pains in all forms and they are wise who keep it steadily or y restricted by the fact that the addi-ions have to be set against the whole in the cure of the most acute attacks.

ITEMS OF INTEREST.

The chemical name of Epsom salts is sulphate of magnesia.

Very satisfactory trials have been recently made of a life boat made of liver. The shorts are getting out, and pumice stone, which it was found would remain afloat with a load, even when full of water.

Dr. Herbert A. Parkin, of Chicago, has hypnotized his fox terrier, Esau, so that the dog receives and carries out instructions written on a slip of paper, folded and laid on his nose. Electro magnets capable of picking

up a load not exceeding five tons are used by the Illinois Steel Company to transfer steel beams or plates from one part of the shop to the other.

Measurements have shown the thickness of the human hair to vary from the two-hundred-and-fiftieth to the sixhundredth part of an inch. Blonde hair is the finest, and red hair the coarsest.

What is prohably the most venerable piece of furniture in existence is now in the British Museum. It is the ly from \$240,000,000 in 1897 to \$300, throne of Queen Hatsu, who reigned in the Nile valley some 1,600 years be-

A farmer of Herndon, Va., has a pet toad which follows him around the place. When the farmer sent the toad fference between the whole amount as a gift to a friend in Washington, the gold produced and the amount now toad walked back to Herndon, a dis-

PEARY THE EXPLORES ON BAKING. POWDERS.

Those going to the Klondike must remember that a reliable baking powder is an absolute necessity. If, after a long and expensive trip and the great Abrasion, the arts and the foreign cost of transportation, the baking powder proves inferior or has lost its

WEEKLY MARKET LETTER. Frade Conditions in the Leading Cities of the World The wheat traders are kept busy

these days watching Leiter and Armour, and are unable to see their way plearly in May. They have given up fighting Leiter, and if he is to have any scrimmage it will be with Armour. The latter has been buying in the

Northwest and Southwest, and will bring 900 cars of wheat from the Northwest to Chicago. Last week he was the seller of May. There was also liquidation by holders here and in the Northwest, the latter being closely identified with Armour. Shorts in the Northwest have been covering, some large lines having been taken. No one but scalpers has the temerity to sell May short, and they do not stand long. as they know that Leiter controls it, and can put the price where he desires. er is much used, although many The attention of the trade is attracted

May, if they are in the market at all, are selling July and September. The former has the preference, but there is more risk in selling it, owing to the crop uncertainties. Some traders on July at 90c think that September at 78c is about on a right basis. On the

other hand some very good traders who have been and are still long on May are bearish on September and believe it should be sold on all bulges. They are afraid of the short side of July, but think the September a safe sale at 12c under the July. No one is selling May wheat now except Armour and those who have case stuff to dethe market is narrowing so that the speculative shortage by the first of May is liable to be very small. Those who have the wheat bought will get the cash stuff in May. As Chicago is the highest market in the country, May

wheat here being 5c over New York and Baltimore, 4% c over St. Louis, 6 3-8c over Toledo, 634c over cash wheat in Minneapolis and Duluth, it is natural that wheat should be drawn from other than the regular sections and shipped to this market.

Portland Market.

Wheat-Walla Walla, 75@77c; Valley and Bluestem, 78@80c per bushel. Flour-Best grades, \$3.85; graham, \$3.40; superfine, \$2.85 per barrel. Oats-Choice white, 86@37c; choice

gray, 33@34c per bushel. Barley-Feed barley, \$17@18.50; brewing, \$20 per ton. Millstuffs-Bran, \$18 per ton; mid-

dlings, #23; shorts, #18. Hay-Timothy, \$12.50; clover, \$10 @11; Oregon wild hay, \$9@10 per ton. Eggs-Oregon, 11@12c per dozen. Butter-Fancy creamery, 45@50c; fair to good, 40@45c; dairy, 85@40c

per roll. Cheese-Oregon full cream, 1256; Young America, 13@14c. Poultry-Chickens, mixed, \$3.00@

8.50 per dozen; hens, \$3 50@4.50; geese, \$6.00@\$7.00; ducks, \$5.00@ 6.00 per dozen; turkeys, live, 11@12c per pound.

Potatoes-Oregon Burbanks, 40@50c per sack; sweets, \$1.75@2 per cental. Onions-Oregon, \$2.25@2.60 per tack. Hops-14@16c per pound for new

prop; 1896 crop, 4@6c. Wool-Valley, 14@16c per pound;

Mutton-Gross, best sheep, wethers

Hogs-Gross, choice heavy, \$4.25;

ight and feeders, \$3.00@4.00; dressed,

Beef-Gross, top steers, \$3.50@

Veal-Large, 6@63ge; small, 7@8c

3.75; cows, \$2.50@3; dressed beef, 616

Scattle Market.

THE FARM AND HOME the capacity of the soil to absorb, re-

MATTERSOFINTEREST TO FARM-ER AND HOUSEWIFE.

Cultivation of the Castor Bean-How to Conquer the Fruit Tree Barer-The Middleman a Necessity Carrots us Feed for Stock,

Growing Castor Beans.

The castor bean is becoming one of the staple agricultural products of southern Kansas, and is grown largely in Illinois, Missourl and Oklahoma. It has been for several years, in certain loalities, the rival in Kansas of sorghum, The seed is planted as soon as all danger from frost is past, generally about corn-planting time. The corn-plantsmall fields are put in by hand. to the July and September. There is a The hills are usually a little further disposition to discount the effects of a apart than corn, but the crop is cultiwhen the land is plowed. possible large crop here and in Europe vated in the same manner with hoes this year by selling the new crop and corn plows. It may be cultivated futures at the wide difference under longer, for it does not grow as rapidly May. Those who have been bulls on as corn, the plant making much progress after it begins to bear. When the plants have attained a height of six inches or a triffe more the best beanraisers go through their fields with a hoe and cut down superfluous plants,

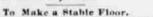
leaving only one in each hill. The gathering season usually begins in August and continues until frost. If the grower has a large field and several hands in his own family to do the gathering, his crop may pay him fairly well. But if he must hire his beans gathered and board the men, then sell the beans at a price next door to nothing, he is pretty sure to be a loser. Good management in a castor bean crop, as in every other enterprise or undertaking. is three-fourths of the victory. The yield is better in somewhat dry weather. Much rain is injurious, blasting the bloom. The beans grow on long spikes in compact clusters of prickly, olly looking burs, three beans to each bur. When ripe the seed shell is a gray color, diversified with shink brown spots. The beans are plump, and couvex on the upper side and flat on the other. When placed on the flat side they have the appearance of mottle bugs in a torpid state.

The Borer Conquered.

The borer annually destroys thousands of dollars' worth of young fruit trees, notwithstanding the fact that different alkalies and solutions have been freely tried. Some of the States have even offered liberal sums to any one who would discover a remedy which would effect its entire extermination, yet this enemy of the young tree continues to do its deadly work. By close observation, a little study and experience, I have found that the eggs from which the borers come are deposited in small bunches of dead leaves, closely woven together with the web and entwined among the branches of the tree. The eggs are deposited during the summer, and when hatched in the warm days of early spring, the young descend the trees to the surface of the ground to bore to the heart, girdle, or do their destructive work among the roots. These web nests should all be removed from the trees and burned in

the late fall, or as soon as the trees shed their foliage, for by so doing you virtually destroy the borer. Of course, this gleaning process should be repeated once a year at the proper time.-J. A.

tain and yield to the crops the desired elements necessary to complete growth The time has been when potatoes we planted in the soil, first laying off th rows and cultivating the crops after the plants appeared above ground, and it may be added that good crops have been secured in that manner. Never theless, better results have been of tained when the land was plowed and then worked over until it became fine In proof of the fact that the careful preparation of the soil increases the yield it is well known that a garden plot will produce more than a field, al though the land of the field may be fully as rich in plant food as the gar den plot, but the difference is that the L P. DAVIS & CO. preparation of the soil for a garden is usually complete, and when the field is treated in the same manner it will not fail to show the effects of the better preparation. The foundation upon which all good crops are built is the land, and the beginning of the crop is



First, make a tight gutter of planks and put it in place, then fill in front of the gutter, where the cows are to stand, with clay. Place a 2x12 plank next to the gutter for the hind feet of the cow to stand on. Spike this plank to the edge of the gutter. Fill with clay, well pounded down even with the plank in front of it. After this day gets dry it will make an excellent toor, and it will stay good as long as it s kept dry, but if it gets moist where he front feet of the cow stands there vill be holes and depressions made. A short time ago we visited a large dairy farm, where 100 or more cattle were kept. A part of the stable floors were made of clay, as we have de scribed, and a part were cement. To our mind the clay floor was fully as desirable as the cement. They had both been used about a year. There were some slight depressions in the clay floor, where the front feet of the cows stood, but this was accounted for by the owner by the fact that these floors were put to use before the clay was thoroughly dry. These depressions can be easily filled up with clay and the floor made smooth again, and It would remain so if allowed to get perfectly dry before the cows were put on it again .- Hoard's Dairyman.

How Been Hatch.

The egg of the queen bee is about one-sixteenth of an inch long, and as large around as a fine cambric needle. These are deposited in the cells by the queen, sticking fast to the bottom of the cell so as to stand on end, being held by an adhesive substance. In from sixty to seventy-two hours these eggs hatch into little worms or larvae. They remain in the larval state about six days, when the cell containing them is sealed over with raised capping by the worker bees, and the larva, after spinning its cocoon and undergoing a trans formation similar to that from caterpillar to butterfly, emerges a perfect in sect, as a worker bee, in twenty-one days, or as a drone in twenty-four days. the time being accelerated a little by extreme heat, or retarded by cool weather.

Raising Clover.

Clover is at its best as a fertilizer when it has produced its second crop. This is when it has grown two full seasons. If kept beyond this time, either weeds or grassess come in, according as the soil is best seeded with these, Whoever keeps a field in clover longer than two years lessens the crop that can be grown after it. On the other hand, a clover ley will not down the first season after it is plowed, so that it may be sown with clover seed the following spring. An old sod made up from any of the grasses needs to be cultivated two years before it is ready to reseed. Hence the smaller amount of fertility it furnishes is more thoroughly exhausted by three crops on it instead of two, as clover allows before the land is again being reseeded.

LATEST SOCIETY FAD ENAMELED PHOTO BUTTONS

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cash with the o ad stamp for highly illustrated catalogue

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Dept. E. CHICAGO, ILL.

Footballers Strike.

Professional football players, repreenting the Scottish League in the Inernational League, struck five minutes before the kick-off in their match against Ireland, refusing to play unless they were given £1 each. They were in receipt of the regular wages, but rather than have the international match stopped the committee league granted the extra pay.

Russian Iron Duty.

The Russian manufacturers of iron ave asked for a decrease of duty on cast iron to 20 copecks per pound. These works have an annual output amounting to a value of more than 60,-000,000 roubles and employing about 35,000 workmen. According to the present Russian customs tariff cast iron pays a duty of 30 copecks per pound \$1.42 per 220 pounds).



For men who have wasted their vigor and youthful energy, who feel id and weak; for W. HEDD

office. A book for the ladies, also.

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253 West Washington St., Portland, Or. Please mention this Paper.

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The thickest known coal seam in the corld is the Wyoming, near Twir week in the Green river coal basin Wyoming. It is 80 feet thick and up wards of 300 feet of solid coal underlie £,000 neres; SHAKE INTO YOUR SHOES.

Allen's Foot-Ease, a powder for the feet, It cures painful, swollen smarting feet and instantly takes the sting out of corns and buntons. It's the greatest comfort discov-ery of the age. Allen's Foot-Ease makes ught-fitting or new shoes feet ease. It is a certain cure for chilblains, sweating, damp, callous and hot, tired aching feet. We have over 10,000 testimonials of cures. Try it today. Sold by all druggists and shoe stores. By neall for 25c, in stamps. Tria package FREE. Address Allen S. Olm sted, Le Roy, N. Y. Saching one near basis marked in

Sardines are now being packed in

class bottles, low, wide-monthed shape. They look much cleaner, and they are far handler than the old-fashioned tins.

INNOCENT CHILDREN SACRIFICED.

The "simplifier of the innocents" continue, until it is not mated that nully one-fourth of the human race die before attaining their fifth birthelay, owing in great measure to our rigor-ous and changeable climate. And there are thousamis of adults, even in this hand of plenty, that atomach, liver and board complaints are reducing to confirmed invalidism, whom. Hos-tetter's Stomach Butters would promptly relieve and invigorate. Malaria, rheumatism and kid-my trouble yield to the nitters.

The Congregational church in Gilum, N. H. completed 125 years of existence the other day. The damask linen cloth, woven on a hand loom, about 1790, is still used to cover the communion table.

AN OPEN LETTER TO MOTHERS. We are asserting in the courts our right to the exclusive use of the word "CASTORIA," and "PITCHER'S CASTORIA," as our Trade Mark.

I, Dr. Samuel Pitcher, of Hyannis, Massachusetts, was the originator of "PITCHER'S CASTORIA." the same that has borne and does now bear the fac-simile signature of CHAS. H. FLETCHER on every wrapper. This is the original "PITCHER'S CASTORIA" which has been used in the homes of the mothers of America for over thirty years. Look Carefully at the wrapper and see that it is the kind you have always bought, and has the signature of CHAS. H. FLETCHER on the wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher is President,

March 8, 1897. SAMUEL PITCHER, M.D. Coal mined in China is being export-

ed to California, and it is said that in a few years the Flowery Land will supply the whole Pacific coast.

FITS Permanendly Cured. No Bis or nervousnes after first day's use of Dr. Kilne's Great Nerve Restorer. Sould for FREE \$2.00 trial bottle and treatise. DR. R. II. KLINE, Ltd., 500 Arch street, Philadetphia, Pa.

Woman is a subject never mentioned in Moocco. It would be considered a terrible breach of etiquette to ask a nan about his wife.

After being swindled by all others, send unstamp for particulars of King Solution's Treasure, the ONLY releasest of manly strength. MASON CHEMICAL CO., P. O. Box 747, Philadelphis, Pa.

ing powder that has actually stood the country. They should not send ver the proverbial younger son, and test of the arctic climate.

axurious mine managers, who "dress soothe them during the hour of di- Arctic Expeditions: stion. Americans are mining to bet rice for the property, and no more .-exico City Herald.

Brought in Samples.

Mr. Cole, of the Copper creek minng district, Skamania county, Washngton, has brought to Messrs. Colfelt nd Sebecki, of Portland, samples of te from the 20-foot level of the Yelaw Bird shaft, which assayed 15 per nets, having, in fact, north and south ent copper and \$13 in gold. Mr. Seecki and Mr. Colfelt expect to take se machinery for a smelter on the ound just as soon as the trail can be at in shape. There are a number of omising properties in Copper creek istrict in which Portland parties are iterested.

State Mining Boards.

State mining boards, Mr. Batchelder Italian, upon whom the experiment Portland, believes, would be of was tried, the phenomenon was unreat assistance to the mining inter- mistakably exhibited, it being found ts of Oregon and Washington. Like that his beast corresponded to a north thers, Mr. Batchelder realizes that pole and his back to a south pole.

ABOUT IRREGULARITY.

Chat With Miss Marle Johnson. The balance wheel of a woman's life are the editors, the managers and the

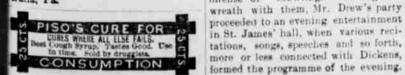
menstruation. Irregularity lays the foundation of

any diseases, and is in itself a sympom of disease. It is of the greatest mportance that regularity be accomshed as soon as possible after the low is an established fact.



was tired all the time, and had dreadful pains in my side and back and head. was also troubled with irregularity of menses, and lost so much flesh that my friends became alarmed.

"My mother, who from experience is firm believer in the Pinkham remedies, thought perhaps they might benefit me. I followed the advice Mrs. Pinkham gave me, and used Lydia E. Pinkham's Vegetable Compound and little speech, but it was nipped in the Liver Pillsaud am now as well as I ever bud by a verger-being, of course, tralia, Pa. tralla, Pa.



22c per pound. The well known explorer, Lieut, or dinner" in remote mining camps Peary, U. S. N., says of Cleveland's and ewes, 4c; dressed mutton, 7c; ad have French chefs, and violinists baking powder, which he used on his pring lambs, 5%c per pound.

"Cleveland's stood the tests of use er advantage here; they are mostly in those high latitudes and severe temlain, practical men, and when they peratures perfectly and gave entire satby a mine they send one set of experts isfaction. Mrs. Peary considers that check up another, and then pay a there is no better baking powder made than Cleveland's. I shall take it again on my next expedition."

A Woman's Daily Paper.

from the first number, are singularly

appropriate, since it is full of abuse of

everything that can possibly be con-

strued as the handiwork of man.

Mme. Severine, whose writings have

won for her a world-wide reputation,

is editor-in-chief, and the enterprise is

said to be backed by plenty of money.

Keeping Dickens' Birthday.

Human Magnets.

Experiments made recently by scien-Potatoes-Yakimas, \$14 per ton; tific men in France have developed a natives, \$11@13; sweets, 2c per pound; curious and altogether unexpected fact, box of 60 pounds, \$1. Butter-Fancy native creamery, namely, that certain persons possess a

\$5.00@5.50 per 100 pounds.

607c per pound.

per pound.

magnetic polarity-that is, they are brick, 27c; ranch, 22@23c; dairy, 18 found to act after the manner of mag-@22c; Iowa fancy creamery, 25c. Cheese-Native Washington, 12@

poles. In such a case, the individual 18c; Eastern cheese, 12 bec. Eggs-Fresh ranch, 15c; California on being completely undressed and placed near a sensitive galvanometer, ranch, 14c. Meats-Choice dressed beef steers, will, when turned on a vertical axis, cause a deflection first in one direction Sc; cows, 7@75c; mutton, 85c; pork, 7c; veal, small, 8c. and then in the other, just as a magnet will do. It is not assumed that all

Poultry-Chickens, live, per pound, persons process this polarity, but in hens, 11@12c; dressed, 14c; turkeys, the case of Professor Murani, an live, 12c; dressed, 16c.

Fresh Fish-Halibut, 6@7c; steel heads, 6 @ 7c; salmon trout, 10c; flounders and sole, 3@4c; tom cod, 4c; ling cod, 4@5c; rock cod, 5c; smelt, 21/2@ 4c; herring, 3c.

Olympia oysters, per sack, \$3@3.50. Corn-Whole, \$23; cracked, per ton, There has just been launched in \$23; feed meal, \$23 per ton. Paris a daily paper devoted solely to Barley-Rolled or ground, per ton, the interests of the fair sex. It is pro-

\$23; whole, \$22. duced entirely by women, and not only Flour-Patents, per barrel, \$4.25@ 4.50; straights, \$4.00; California staff of reporters women, but the type brands, \$4.65; Dakota brands, \$5.40@ is set by female compositors, and it is \$5.75; buckwheat flour, \$6.

reported that even the printers' devils Millstuffs-Bran, per ton,\$17; shorts, are feminine members of the genus per ton, \$18@19. Feed-Chopped feed, \$18@20 per 'gamin.'' The name of the paper is La Fronde. Used as a noun this means ton; middlings, per ton, \$24; oil cake

the implement of ancient warfare with meal, per ton, \$35. which David slew Goliath, while to the Hay-Puget Sound, new, per ton, verb "fronder" the translation to sling, \$12@14; Eastern Washington timothy, to censure, to blame, to criticise and to \$18; alfalfa, \$12; straw, \$7. oppose all equally apply, and, judging

Wheat-Feed wheat, per ton, \$23. Oats-Choice, per ton, \$23. San Francisco Market.

Wool-Nevada, 11@13c; Oregon, 12 @14c; Southern coast lambs, 7@8c. Hops-12@171ge per pound. Millstuffs - Middlings, \$20@22.50; California bran, \$16.00@16.50 per ton. Onions-Silverskins, \$2.40@2.75 per

cental: Eggs-Store, 11c; ranch, 1156 The birthday of Dickens was cele-12%0. brated in London by some ceremonies Cheese-Fancy mild, new, 936c; old,

organized by Mr. Edwin Drew, and it 9c per pound. is of interest to note that had the no-Butter-Fancy creamery, 181/c; do velist lived he would have been \$6 seconds, 171/c; fancy dairy, 17c; good years of age. The grave in Westmin-

to choice, 15 at 16c per pound. ster Abbey was visited by Mr. and Mrs. Fresh Fruit-Apples, 40@65c Drew and a party of friends, and a per

large box; grapes, 25@40c; Isabella, 80@75c; peaches, 50c@\$1; pears, 75c wreath was deposited upon it. Seeing many strangers near Mr. Drew began a @\$1 per box: plums, 20@35c. Potatoes-Early Rose, 65@75c.

Citrus Fruit-Oranges, navels, \$1.25 @3.00; Mexican limes, \$5.50@6.00; California lemons, choice, \$2.25; do common, 750@#1.25 per box.

Hav-Wheat, \$16 @ 19.75; wheat and in St. James' hall, when various recioat, \$16@18; oat, \$14.50@16.50; best barley, \$16.00; alfalfa, \$10.50@ tations, songs, speeches and so forth, more or less connected with Dickens, 11; clover, \$11@13.

Drake, in Practical Farmer Eastern Oregon, 7@12c; mohair, 20@

The Middleman

The middleman is a necessity. If a farmer had 1,000 bushels of wheat to sell he could never retail it. He is compelled to sell in bulk or lose more time than the wheat is worth. The middle men are the distributors, and they are also consumers. The farmer can get rld of the middlemen to a certain extent by seeking markets near home for articles that are readily salable, such as butter and eggs, but if he buys from his neighbor any of the articles he sells. then he, too, becomes a middleman, as he handles the product of his neighbor between the producer and consumer.

Carrots for Stock.

The value of carrots will be made manifest to any one who has never used them in winter if he will procure a few bushels and feed them to horses and cows. The animals will leave all other foods for the carrots. They need not be cooked, but should be sliced, with a little salt sprinkled over them.

Alfalfa and Swine-Breeding. Mr. G. H. Gould, in a recent letter from Republican City, Neb., says: I came to this county in April, 1872, settiling on a homestead near Republican City, Harlan County, Nebraska, wishing to begin farming on my own account. I came here simply to get land. It took all my means to get here, and I had to start in empty handed, having no team or stock except one cow and one hog. The cow strayed off and was lost, so I was left with the one hog. With that I started in to make my way

in the new country. I raised a few hogs through the first years, and in 1888 I bought some Poland China pigs, and commenced breeding that variety of swine, which I have continued ever since. I am now raising one hundred and fifty to two hundred hogs a year, have 350 acres of land, thirty acres in alfalfa, from which the hogs are fed the year through. In the winter they are fed the hay, which they like as well as the green pasture, and for young stock I think it is better than the pasture. In 1895 I raised one hundred and fifty pigs, which were fed

through the summer on alfalfa exclusively, having no grain to feed until the corn crop was ready to feed in the fall. 1 sold over one thousand dollars' worth at public sale Nov. 19, 1895, and fed out the balance, over seventy-five head, for the pork market. The corn and alfalfa belt is the great porkmaking section, and I think this, the Republican valley, and Southern Nebraska, one of the finest sections for that industry. Alfalfa is one of the leading crops, and with

plenty of cheap corn, with pure water and a fine climate, disea Is almost unknown. This makes the raising of hogs easy and profitable.

an ordinary matter to farmers, yet it is the most important work performed, for the reason that the growth of the crop and the yield depend on the first preperation of the soil. The amount of moisture, warmth and supply of plant food is regulated according to hen.

A Point in Grafting.

The effect of the stock upon the scion is shown in a report recently sent out by the French Academy of Sciences. Two pear trees of the same variety. standing side by side, one grafted on a pear seedling and the other on a quince, bore fruit for a number of years. That from the pear stock was green, while that from the quince stock was a golden yellow, with a rose blush on the side toward the sun. The latter also weighed a third more per specimen, was more dense in both fruit and

juice, and was richer in both acid and sugar.

Careless Methods.

The farmer who is horrified at the dea of burning his corn, practically does the same thing when he stints his fattening stock, when he feeds it to poorly bred animals, when he attempts to make it take the place of shelter, and when he is careless in his meth ods of handling it. To feed a poorly balanced ration is one way of burning it. To waste corn is certainly worse than warming one's self by it on a winter day .- Farmers' Journal.

Corn Fodder.

The farmer who places but little value on corn fodder often finds that he has not too much of it. On farms where there is more than can be used the fodder shredder will prepare the stalks for bedding, and when added to the manure heap they are then ten times more serviceable than when used in the old-style way of trampling in the barnyard, because the shredded fodder has the power of absorbing largely of the liquids in the manure.

Liquid Manure.

It is claimed that 95 per cent, of the nitrogen in cattle food is returned to the farm where butter is made a specialty. Of this quantity one-half goes into the liquid manure, one-fifth in the solids, and the balance in the skim milk. If the skim milk is fed to pigs there is a profit therefrom and a further addition to the manure. The fact, however, that one-half of the nitrogen goes into the liquid manure is evidence that the liquids are too valuable to be wasted, as they are on many farms.

Egg-Eating Poultry.

Some fowls, especially under confinement, will eat their eggs, and there seems to be no way to prevent them unless you cut their heads off. If a sufficinet quantity of broken oyster shells is given them, they sometimes prefer this to the egg shells, or the nest may be arranged so that the egg, when hid, will roll out of sight and reach of the

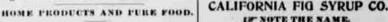
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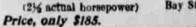


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