

ST. JOSEPH HAY MARKET. Local Quotations Corrected to Date by Local Dealers.

The following quotations are furnished daily by the St. Joseph Hay Receivers and Shippers Association for the benefit of Stock Yards Daily Journal readers.

Timothy—Choice, \$12.50@13; No. 1, \$11@12.50; No. 2, \$8.50@11; No. 3, \$6@8.

Clover mixed—Choice, \$12@12.50; No. 1, \$11@12; No. 2, \$9@10.50; No. 3, \$6@8.

Alfalfa—Choice, \$12@13; No. 1, \$10.50@12; No. 2, \$8@10; No. 3, \$5.50@7.

Straw—\$4@5.50. Packing—\$4.50@5.50.

ST. JOSEPH HAY AND FEED. Local quotations corrected to date by local dealers.

Timothy—Choice, \$12.50@13; No. 1, \$11@12.50; No. 2, \$8.50@11; No. 3, \$6@8.

Alfalfa—Choice, \$12@13; No. 1, \$10.50@12; No. 2, \$8@10; No. 3, \$5.50@7.

EXCHANGE IN SESSION

Continued from Page One.

badges and pamphlets, which they are using in their campaign to have their city selected as the next meeting place of the National Exchange.

"St. Paul wants the 1914 convention and we intend to get it," said Mr. Wood. "I have in my possession a letter from the chief of police of St. Paul to be read before the exchange.

Quite a number of the delegates and visitors arrived last night but the bulk of the representatives came in on early trains this morning.

Next came the seating of the accredited delegates, numbering about four score. Gov. E. W. Major was unable to be present to deliver an address of welcome, owing to the illness of his son, B. Raleigh Martin, of St. Joseph.

The reading of the minutes of the 24th convention of the organization, held at Portland, dispensed with after which President Daily delivered his annual address, in which he related the satisfactory condition of and progress made by the National Exchange during the past year.

President Daily, at the conclusion of his address, appointed the usual committees and the meeting was adjourned till 2:30 o'clock.

A discussion of "The inadequacy of the Present Railroad Live Stock Contract," led by Ira F. Brainard, of Pittsburgh, and address of Horace H. Fletcher, of Indianapolis, on "The National Conservation of Live Stock," were the principal features of the afternoon session.

Mr. Fletcher discussed at some length the plan to restrict the slaughter of heifer calves as a means of building up the beef supply of the country. He advocated a campaign of publicity to awaken farmers and stockmen to the need of conserving the cattle supply.

RAISING PEARLS ON "FARM"

Japan—Has Decided He Can Produce Them on Land Laid Out in Ocean's Bed.

Mr. Mikimoto's oyster farm in the Bay of Ago, off the coast of Japan, is one of the few successful attempts at the deliberate production of pearls.

Then he secured government patents and, according to Popular Mechanics, has succeeded in getting his "farm" on a paying basis.

Here they lie on carefully prepared beds until in their third year they become fully grown, and have firmly attached themselves to the stones by means of "necks" which they secrete.

When they are again brought to the surface it is found that the seed pearl nucleus has been covered with many layers of the nacre, a secretion of the mollusk, and the large, brilliant translucent pearl of commerce has been formed.

But the process is not as simple as it appears. During the seven years that the farmer must wait for his crop to mature a large percentage of the oysters die.

Occasionally the "red current" sweeps over them and in a day destroys the entire crop. At all times the farmer must keep his oyster bed free of "mifidino," a seaweed which will smother the crop.

Women divers trained from girlhood to long immersions in the sea are engaged at 20 cents a day to care for the farm. In this work they wear nothing but a head cloth, a white shirt and diving goggles.

Long Trips in Small Craft. The Atlantic ocean, which this year has robbed the mercantile marine of its proudest and largest vessel, has in turn been conquered by a comparatively small boat, and one driven by motor power at that.

CLASSIFIED BUSINESS DIRECTORY

Reliable Professional Men and Business Institutions Who Want the Trade of Readers of The Stock Yards Daily Journal.

PRINTING. Combe Printing Company. St. Joseph, Mo. Freeman's Cafe. Fifth and Edmond. Open All Night.

ARCHITECTS. ECKEL & ALDRICH. Architects. Make specialty of plans and specifications for farm residences and private and public buildings in surrounding territory.

RESTAURANTS. Freeman's Cafe. Fifth and Edmond. Open All Night. After Theater Parties Served to the Corner. Tables Reserved for Ladies.

Not An Installment House. We open charge accounts with responsible people and offer our goods for cash at a fair margin.

Standard Furniture and Carpet Co. 822 Frederick Ave. St. Joseph, Mo.

St. Joseph Stock Yards Co. St. Joseph, Mo. We are in the Market Every Day for Cattle, Hogs and Sheep.

Our packers furnish a daily market for all kinds of cattle, ranging from Canners to Export Cattle. Look up your railroad connections, you will find them in our favor.

LICE PROOF NESTS. GALVANIZED STEEL KNUDSON PATENT. Get rid of lice and mites by emptying your poultry houses with these wonderful sanitary nests.

MISSOURI PAYS BIG SUM.

Federal Corporation Tax Yields Government About \$1,000,000 Annually.

Jefferson City, Mo., June 26.—Under the federal law which taxes corporations that make a profit of more than \$5,000 a year, Missouri contributes a large sum annually to the government.

Commissioner John T. Fitzpatrick of the bureau of labor statistics made public information dealing with the excise tax annually paid by Missouri corporations.

Of the 20,900 chartered corporations in the state, including banks and trust companies, for 1912, 12,437 made returns to the federal authorities as coming under the special excise tax law, and the 2,297 which were finally taxed, paid into the United States treasury \$884,712 for the last fiscal year.

Of the total amount, \$172,150 came from the Sixth federal revenue district, covering the western portion of the state, of which Kansas City is the center, and \$712,150 from the First district, comprising the remainder of Missouri with St. Louis as the headquarters.

In financial and commercial corporations, the Sixth district which includes Kansas City, St. Joseph, Joplin, Carthage, Webb City and many smaller places, exceeds the First. In the Sixth, out of 87 institutions of this class reporting, 248 had net incomes which were taxed.

In the First, out of 820 reporting, 228 came under the special excise assessment law. Mr. Fitzpatrick estimates that the new income tax in the Underwood tariff bill will cost Missourians about \$1,000,000 annually.

Native cooks in Ecuador are prejudiced against stoves, saying the excessive heat produces fever.

THE AUTO-FED AN HAY PRESS CO. 1330 W. 12th St., Kansas City, Mo. You can bale your hay 35% cheaper with an Auto-Fed than with any other press, because two men can operate it.

VARICOCELE CURED IN 5 DAYS

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.

Without Knife, Pain or Danger. Dr. Whittier. Pay When Cured. Dr. Whittier, 11th and Broadway, St. Joseph, Mo.



A. F. DAILY, OF ST. JOSEPH, President National Live Stock Exchange.



HORACE H. FLETCHER, of Indianapolis.

Who spoke on Conserving the Beef Supply. Mr. Fletcher discussed at some length the plan to restrict the slaughter of heifer calves as a means of building up the beef supply of the country.

EATS SAND AFTER MEALS

Doorkeeper Declares It Is Panacea for Indigestion and Kindred Ills.

Washington, D. C., June 26.—The national capital boasts at least one sand-eating man, Bulfinch Emmons, doorkeeper at the House of Representatives.

Emmons swallows a teaspoonful of sand after each meal. He leaves home in the morning without a plial of coarse sand. He says he was troubled constantly with sour stomach, indigestion, and kindred ailments until he started the "sand cure."

FARMER KILLS SELF.

Children Saw Him With Gun, But Did Not Suspect Purpose.

Elkton, Md., June 26.—Missing from his home, Hamilton F. Price, a prosperous farmer of the First District, was found dead in an old vacant house on his farm.

POWDER IN THE SEA.

It is calculated that in the depths of the sea, under 6,000 meters of water, there is a stratum of powder so infinitely fine that, were it broken so into the fingers, it would penetrate the pores of the skin, this powder being made up of the remains of shells and the skeletons of little animals and plants.

Each cubic centimeter of slime (or mud) that covers the bottom of the ocean contains the remains of ten thousand millions of organisms, each one of which is structurally as individual as the human body.

HUSBAND'S LOVE SET AT \$175.

Mrs. Susan M. Singer of Lebanon, Pa., was awarded by a jury \$175 damages from Miss Carrie E. Coldren for the alienation of the affections of John Singer.

A SECOND EDISON.

Farmer—Yes, sir, that hired man of mine is one of the greatest inventors of the century.

City Boarder—You don't say! What did he invent?

Farmer—Petrified motion.—Judge.

Advertise in The Journal

The St. Joseph Live Stock Serum Co.
South St. Joseph, Mo.

L. E. COOPER, President M. H. GILLETTE, Treasurer

Extends an invitation to all hog raisers and breeders to visit the

NEW SANITARY SERUM LABORATORY

At South End of Hog Yards

The most modern and thoroughly equipped serum manufacturing plant in America producing highly potent and reliable

Anti-Hog Cholera Serum
For Simultaneous Treatment

DR. E. J. Netherton, Laboratory Supervisor
Dr. L. B. Graham, Veterinarian in Charge

Don't leave St. Joseph without visiting this laboratory.

SERUM PLANT IN OPERATION

Continued from Page One

station for the production of the same. During the past two years a number of plants have been erected to supply the increased demand for the serum necessary to protect the susceptible hog, and in this emergency to furnish the serum there has been a vast quantity of serum flooded upon the market that has produced a feeling of discredit upon the scientifically prepared serum. Prepared in a scientific manner and in accordance with the plans formulated by the bureau of animal industry, there is no doubt as to the effectiveness of the serum for absolutely protecting a herd of hogs from the cholera if applied before the hogs are infected.

Recognizing the great variance of the potency of the different serums manufactured by the many different houses, the United States department of Agriculture has been allowed an appropriation by congress for the supervision and sale of the many serums, their supervision to commence July 1st, 1913.

Realizing the impossibility of obtaining a serum that carries with it an absolute reliability as to its potency, and thorough manufacture of same in an absolute sanitary manner, the St. Joseph Live Stock Serum Co. has at a big expense erected a model plant for the manufacture of the serum in accordance to the regulation governing the manufacture and sale of hog cholera serum, as laid down by the bureau of animal industry at the St. Joseph stock yards.

Hog cholera serum is the de-finitized blood or serum obtained from hogs that have previously been highly immunized by the injection of blood from hogs sick with the acute stage of hog cholera.

Speaking of the methods by which the serum is secured and manufactured and other most interesting phases of the serum business, Dr. E. J. Netherton, supervisor of the newly equipped sanitary laboratory of the St. Joseph Live Stock Serum Company, at the local yards says:

"In the manufacture of our serum, we use the serum from only those hogs that are absolutely healthy, and should a hog prove to be suffering with any disease at the time that the serum is drawn, the serum is destroyed, as we distribute no serum unless it conforms to the highest standard of a scientifically prepared serum and we do not sell any serum until it has passed a satisfactory test as to its potency.

"In testing our serum we select eight healthy hogs and inject a small amount of virulent blood into each. At the same time we inject 10 cc of serum into two, 20 cc into another two, and 30 cc into a third pair, thus leaving the last two hogs free of the virulent blood only, to act as check hogs. The check hogs must die with cholera, or get sick, to prove the reliability of the virus. If the two that received 30 cc of serum do not get sick, while the two that received 20 cc show some sickness and get well and at the same time the two that received 10 cc get sick and still get well, it shows us as to the effectiveness of our serum.

"The use of hog cholera serum that is properly made and carefully applied cannot and will not produce cholera in any hog or herd of hogs that may be injected.

"All of our serum is made from hogs that have been highly immunized by the intravenous use of the only method, recognized as the one to obtain the highest potency of serum.

"Vaccination is the only known means of protecting hogs against hog cholera.

"There has been a countless number of powders and remedies placed upon the market for the prevention and cure of hog cholera, but the only one derived from them was that they infected the intestinal tract and put the hog in a healthy stage, which rendered his resisting power greater to cholera.

"All hogs are more or less resistant to any infectious disease, and the healthier the hog and the more sanitary the feed lot, and the surrounding conditions the greater his resisting power to disease.

"Hogs that are infected with lice and intestinal worms and parasites are more susceptible to small quantities of infective material than those free of such infestations.

"It is an old adage that a hog can live anywhere and eat anything, but in these days of thoroughbred hogs it has been ascertained that to have a healthy hog and success in the breeding and raising, they must use good judgment in the care and the surrounding conditions. There are two ways of vaccinating a hog against hog cholera, one is the serum only treatment, and the other is the simultaneous.

"In the serum only treatment the hog is injected with the serum only, and a hog treated in this manner receives a passive immunity against hog cholera. There is absolutely no danger attached to this way of vaccination, but as the immunity does not last but for from three to ten weeks, it is of no benefit but to those that have hogs that are about ready for market, as else in the case of show hogs, where only an immunity is needed for a short time.

"However, should a hog be exposed to hog cholera immediately after being injected with the serum only, then he takes the cholera, but the serum that has been injected overcomes the virus, and he obtains an active immunity as a result.

"In the simultaneous method the operation is the same with the exception that there is a small amount of virulent blood injected at the same time. The serum is injected into the axillary space, (the space between the muscles of the foreleg and the muscle of the chest), and the virulent blood is injected into the ham.

"In this manner an active immunity is established at once, and the hog becomes a permanently immune animal.

"As the use of the simultaneous treatment is not attended with danger, it is best that one employ competent help in the vaccination of his herd by this method.

"However, where one desires to administer the serum to his own herd, we insist that he make a visit to our plant and receive instruction as to the proper way of administering the double method.

"Where a herd of hogs is treated by the simultaneous method, it is advisable to treat the entire herd, or else separate the hogs to be treated from those not to be treated, and keep them separate for three or four weeks, as there is a possible danger of the treated hogs spreading the disease. However, they are not disease spreaders unless they become sick as the result of the vaccination.

course it is in the minds of all to obtain the best of results with as little serum as possible, yet at the same time the use of a little more serum will more than pay for the increased cost.

"The potency or protective value of our serum is determined by the infection of varying amounts of the serum along with varying amounts of the virulent blood into untreated or susceptible hogs. Several untreated hogs are left in the herd with the virulent blood only injected into them to act as controls. The serum must be of sufficient strength to save the hogs that were treated with it, and the controls. As a result of this test we are able to demonstrate the effectiveness of the serum."—Adv.

CROPS O. K. THERE.

Farmers' Outlook Never Better in Lancaster County, Neb., Shipper Says.

It was a highly optimistic report that Wm. Brookman, a regular shipper who had two cars of hogs on the local market yesterday, gave out concerning crop conditions in his section of Lancaster county, Neb.

"Taking it all around we never had a brighter crop outlook," declared Mr. Brookman. "Wheat cutting will start this week and we are assured of an excellent crop. Our section has been favored with ample moisture for our crop needs throughout the growing season. Corn is coming along fine. We have much better looking corn than in the eastern and southeastern parts of Nebraska. The first cutting of alfalfa was heavy and the second crop will be ready to cut by the middle of next week. Work is being done by the farmers as wheat harvesting, corn plowing and hay making is all coming in a bunch this year."

Mr. Brookman ships an average of two or three cars of stock to this market every week, but his business keeps him pretty close to home and his trips to market personally are few and far between.

PASTORS GOOD FARMERS

Colorado Ministers Work in Fields on Week Days.

Ault, Colo., June 26.—Demonstrating that a preacher can be both a spiritual adviser and a practical farmer as well, Rev. W. L. Kline of this city and Rev. Frank Du Metz of La Salle are two of the busiest men of the cloth in Colorado.

They, Mr. Kline, manages a large farm here during the week and has made a specialty of running a traction plow, breaking up ground for his neighbors. In addition to this he holds three services every Sunday at the Christian church and also a Wednesday night prayer meeting.

Rev. Mr. Du Metz of La Salle is likewise industrious. He is pastor of the Presbyterian church, manages two large farms and runs a dairy. He is a practical farmer.

EXPERT SAILORS OF SALEM

To Have Sailed With Doctor Bowditch Was Equal to Course in Navigation.

Dr. Nathaniel Bowditch, the famous mathematician, made four voyages in the ships of his merchant friend, Mr. Derby of Salem. Although Doctor Bowditch knew little about actual seamanship, writes Mr. R. E. Peabody in "Merchant Ventures of Old Salem," he was one of the world's greatest authorities on navigation. At sea he used to instruct the crew in navigation, until all hands, even down to the cook, understood the art. Rev. Alexander Young, in his memorial discourse on Bowditch, tells an amusing incident of the voyage of the Astrea II, to the Philippines.

"At Manila, a Scotchman named Murray asked Captain Prince how he contrived to keep his course, by mere dead reckoning, without the use of lunars. It was a common notion at that time among British seamen that the Americans did not know how to work lunar observations.

"Captain Prince told Mr. Murray that he had a crew of twelve men, every one of whom could take and work a lunar observation as well for all practical purposes, as old Sir Isaac Newton himself. Murray was perfectly astounded at this, and actually went down to the landing place one Sunday morning to see this knowing crew come ashore. Doctor Bowditch was present at this conversation, and as Captain Prince says, sat 'as modest as a maid,' said not a word, but held his slate pencil in his mouth."

To quote again from Mr. Young: "Captain Prince says that one day the supercargo said to him, 'Come, captain, let us go forward and see what the sailors are talking about, under the lee of the long-boat.' They went forward accordingly, and the captain was surprised to find the sailors, instead of spinning their long yarns, earnestly engaged with book, slate and pencil, and discussing the high matters of tangents and secants, altitude, dip and refraction. Two of them in particular were disputing very zealously. One of them called out to the other, 'Well, Jack, what have you got?'

"I've got the sine," was the answer.

"But that ain't right," said the other. "I say it is the cosine."

At Salem it was considered the highest recommendation of a seaman that he had sailed in the same ship with Doctor Bowditch. That fact alone was often sufficient to procure for him an officer's berth.—Youth's Companion.

Drops Dead at Wheel of Auto.

George A. Sumner, for 14 years postmaster of Hill, N. H., and a former representative in the state legislature, dropped dead of heart disease while at the wheel of his automobile and the machine crashed into a fence, throwing out the dead man, his daughter and a woman friend.

A Standing Invitation to Stockmen and Their Wives

For fifteen years stockmen and their wives who visited St. Joseph have made this store their headquarters. They have found its merchandise reliable, up-to-date and honestly priced; its treatment fair, square, open and above-board.

While here attending the National Stockmen's Convention, buy a practical souvenir of your visit. Get it here. This store is teeming with first-class merchandise, any article of which would make a useful, lasting memento of your visit. Come in and get acquainted.

St. Joseph's Leading Women's and Children's Store.

Hirsch Bros Dry Goods Co

Eight and Felix Streets, St. Joseph, Mo.

Members Retail Merchants' Association. Railroad Fares Rebated.

Spring Pigs Need Protein

For a strong, healthy start young pigs should have plenty of clean, easily digested feed, rich in materials for building a strong framework of Bone and Muscle. Ten years' experience on the best farms has proved there is only One Best Protein Pig Feed—

Swift's Digester Tankage
Guaranteed

Protein - - - 60 per cent
Phosphates - - 6 per cent
Fat - - - - - 8 per cent

Handy to feed with ordinary farm feeds. Cheap, clean, concentrated, always the same and always good for one-third More Profit on your hogs. It makes Big Money for others; it will for you. For prices, free sample and literature, write

Swift & Company
Chicago
Kansas City Omaha St. Louis
St. Joseph St. Paul Fort Worth
Harrison Station, Newark, N. J.

Money Awaiting Investment

need not remain idle

We pay interest on deposits and will be pleased to correspond with any person interested.

ST. JOSEPH STOCK YARDS BANK
SOUTH ST. JOSEPH, MO.

Kirkpatrick

St. Joseph's Popular Jeweler

Do you know that there is

Reputation

of years behind the Diamonds we sell?

And do you know that the values—backed by our personal guarantee of every stone—has made that reputation?

Our stock—both of set and unset stones, is one of the most carefully selected in America and for this reason you cannot make any mistake in purchasing here.

W. F. Kirkpatrick & Company

Felix Street at Eighth, St. Joseph, Mo.

WELCOME STOCKMEN



ST. JOSEPH RAILWAY, LIGHT, HEAT & POWER CO.



A FEW SPECIALTIES

- Supreme Hams
- Supreme Bacon
- Supreme Lard
- Supreme Sausage
- Supreme Dried Beef
- and
- Supreme Canned Meats

MORRIS & COMPANY

CHICAGO ST. JOSEPH KANSAS CITY ST. LOUIS



MISTLETOE
—SOLD BY—
The Hammond Packing Co.
St. Joseph, Mo.



Braucher Manufacturing Company
AWNINGS, TENTS AND STACK COVERS
St. Joseph, Missouri

NET PRICE TENTS		NET PRICE STACK COVERS	
10x12, 8 oz.	\$ 9.00 each	14x18, 8 oz.	\$ 6.00 each
10x12, 10 oz.	10.00 each	14x20, 8 oz.	6.50 each
12x14, 8 oz.	12.00 each	16x24, 8 oz.	9.50 each
12x14, 10 oz.	14.00 each	16x30, 8 oz.	12.00 each
14x18, 8 oz.	15.00 each	20x30, 8 oz.	14.40 each
14x18, 10 oz.	18.00 each	20x30, 10 oz.	21.00 each

Prices Cheerfully Furnished on Sizes Not Quoted.

Wool

That's what our customers are getting. You will get the top notch market price every time. No matter where you have been selling your wool heretofore, don't sell it this year until you get our plan and prices. You'll lose money if you do—now, remember that. Write today for our plan and price stating how much you have. With our answer we will send unimpeachable proof and references.

ST. JOSEPH WOOL CO., Geo. Eahlenburg, Mgr., 741 So. 4th St., St. Joseph, Mo.