

ZINC STILL SOARS

Extra Fine Grades of Blende Brought \$88 Recently in Joplin District.

SMELTERS MAKE BIG PROFITS

A Ton of Ore Yields About 1,000 Pounds of Metal Worth About \$250.

The highest price ever paid for zinc ore was reached in the Joplin district the other morning when \$88 was given for extra choice grades of blende running as high as 63 per cent in metallic zinc.

The basis range was from \$75 to \$85, basis of 60 per cent metallic zinc is a \$10 advance over last week's offerings and \$20 higher than the previous top record price of \$65, in 1912. Zinc smelters are getting the highest price ever paid for spelter, sales having gone to 25 cents a pound. A ton of Joplin district zinc blende yields the smelter more than 1,000 pounds of metal. The metal taken from a ton of ore sells for \$250. The cost of smelting a ton of ore is about \$13, which leaves a clear profit of about \$237 to the smelter. As a result of this enormous profit, which seems assured for months to come, old smelters are resuming operations all over the country and a small new smelter is being built at Joplin by the Joplin Separating Company.

SEVERE STORM IN OZARKS

Streets of Springfield Strawn with Uprooted Trees and Roofs—Several Homes Demolished.

The second tornado within a week hit Springfield at 9:30 o'clock the other night, doing property damage which will run into thousands of dollars.

The fire walls of several buildings were blown down, more than fifty plate glass windows were destroyed, resulting in loss to stocks of merchandise. The business district suffered the greatest loss and the streets were filled with debris from the destroyed property.

Many trees throughout the city were twisted and torn down and the streets were filled with broken limbs. Instruments at the government weather bureau registered a wind velocity of seventy-eight miles an hour during the tornado. Several persons were injured by flying debris but no fatalities were reported.

The tornado came from the southwest. It raced through the entire city, tearing the roof off the Bank of Commerce Building, damaging scores of smaller buildings and orchards. Lightening set fire to several homes simultaneously and the fire departments were delayed by the debris in the streets.

The 22-month-old child of Charles Jones, a farmer living near Nixa, Christian county, was killed when the house was blown to pieces. Eleven other Jones children escaped.

A schoolhouse at Harris Hill was destroyed and the home of Carl Cowan at Ozark was torn to pieces.

Grades of M. U. Frats High. Out of fourteen social fraternities at the University of Missouri, seven rank in their studies higher than the average grades of non-fraternity students, and out of seven sororities five of them rank higher in their studies than non-sorority women students.

New Suffrage Campaign. The Missouri Equal Suffrage Association, which recently held its third annual convention at St. Joseph, decided to vote the biggest campaign for "votes for women" in 1916 that this state has ever seen.

Tornado Near Holden. A tornado followed a path of about three miles wrecked three large barns on the farm of George Taylor, three miles southwest of Holden. Numerous small buildings, fences and trees in the path of the storm were destroyed. The storm took a north-easterly course.

Bolt Kills Neesho Man. J. W. Given was killed and twenty-two strawberry pickers were made unconscious by a bolt of lightning which struck a barn on the Given farm near Neesho in a rain storm recently.

Chilhowee to Buy Lights. Bonds to the amount of \$5,800 were voted at Chilhowee recently to buy a light plant. The proposition carried three to one. There are five hundred persons there.

Lexington Attorney Dead. William B. Wilson, 64 years old, former prosecuting attorney of Lafayette county, is dead at his home in Lexington of paralysis. Two brothers, Dr. Charles Wilson and Theodore Wilson, reside in Kansas City.

Drug Cure Was Fatal. The first death resulting from treatment for drug users occurred at Springfield when Arthur E. Everly, 36 years old, died suddenly. The treatment left his heart in a weakened condition, the coroner reported.

She's M. U.'s Best Athlete. Miss Helen Hungeate of Columbia was voted the best girl athlete in the University of Missouri by the Women's Athletic Association recently. She was awarded a silver cup. She was elected president of the association for next year.

Killed by Hay Baling Machine. Ward Wolfe, a Cass county farmer and stockman, is dead of injuries received while working with a hay baling outfit on the W. H. Hon farm, near Pleasant Hill.

TO TEACH FARMERS AT HOME

State School Has \$150,000 to Spend in Carrying Out Its Enlarged Plans.

Every farmer and his wife and every Missouri farm boy and girl will have an opportunity in the next two years to participate in the educational advantages of the college of agriculture of the University of Missouri.

With \$150,000 available for the extension work in the next two years, the Missouri College of Agriculture is beginning a campaign on a large scale to take the college to the people. This fund comes as a result of the Smith-Lever Act, passed in Congress by Representative Lever and Senator Hoke Smith. It was signed by the president May 8, 1914. Each state receives \$10,000 a year and in addition a sum is divided among the states on the basis of their relative rural population. To receive the latter fund the state legislature must appropriate an equal amount. Missouri's share was \$65,000 and the legislature met the requirement. The plans of expenditure must be approved by the United States Department of Agriculture.

The agriculture extension service has under consideration nine projects. The extension department was organized last year with four men giving their time to the work. Since then eight extension workers have been added; two others have been appointed to begin work the present summer and one other position is open. In addition to this number the agricultural extension service includes fifteen supervisors.

Of the nine projects under consideration, dairying, probably will receive first attention. This is in recognition of the fact that Missouri is passing through a stage of development in its agriculture which has characterized all of the states north and east—that is, a gradual changing from a grain producing to dairying.

Movable schools of agriculture and home economics, providing for a school of from two to five days at any point in the state, also are under consideration.

Equal Suffrage Indorsed. The Missouri Federation of Women's Clubs indorsed equal suffrage and elected the following officers at the St. Joseph meeting: Mrs. W. R. Chivvis, St. Louis, president; Miss Marie Goodman, Kansas City, vice president-at-large; Mrs. E. M. Platt, St. Joseph, recording secretary; Mrs. F. H. Littlefield, St. Louis, corresponding secretary; Mrs. George Still, Kirksville, treasurer; Mrs. Rosa Ingels, Columbia, auditor; Mrs. E. M. Shepard, Springfield, general federation secretary.

Columbia Cut Light Rate. The city council of Columbia has voted to reduce the electric light and power rate an average of 25 per cent. The maximum rate for lights will be ten cents a kilowatt for large quantities. The rate was reduced two and one-half cents. Columbia has one of the oldest and most successful municipal light and water plants in Missouri.

Commencement at Rolla. The forty-third annual commencement exercises of the Missouri School of Mines and Metallurgy took place in Parker hall at Rolla recently. The commencement address was delivered by E. J. McCausland, dean of the school of engineering of the State University at Columbia. Dr. A. Ross Hill, president of the State University, conferred the degrees.

Farmer Drowns in Fording Stream. John Burnett, a farmer, was drowned in East Fork creek, near Jackson, Mo., while attempting to ford the stream. His body has not been recovered and divers from Kansas City were sent for to search for it.

New Head for William Woods. The Rev. R. Graham Frank of Liberty, was elected president of William Woods College at Fulton at a recent meeting of the board of managers. Dr. William S. Woods of Kansas City and Los Angeles announced gifts to the school approximating \$50,000. Mr. Frank promises to give the board an answer on the presidency in twenty days. He is president of the state board of missions of the Christian church and also is general secretary of the national convention of Christian churches.

Wind Unroofed Bank. A straight wind at Brookfield unroofed the Lynn County Bank building, blew down or uprooted several large trees, littered the streets with broken branches and damaged buildings in the country.

Girl of 15 Won Essay Prize. In the Northwest Missouri high school contest recently held at Maryville the gold medal for essays was won by Miss Mildred Orr of Braymer, 15 years old, and a junior in the high school.

Dry Fight in Sedalia. Dr. J. E. Cannady, a member of the national prohibition committee, said recently that he expected soon to secure the assistance of anti-saloon leaders for a dry campaign in Sedalia and if he succeeded a special election will be held in August.

Died in Denver. Mack Barker, a widely known horseman of Northeast Missouri, is dead in Denver, where he had gone for his health. The body was brought to Wellsville.

He's a Star in Journalism. Ralph H. Turner of Bartlesville, Ok., a junior in the School of Journalism of the University of Missouri, has been awarded the Eugene Field scholarship offered to the member of his class showing the greatest promise in newspaper work. The prize is worth about \$100.

Fell Fatal to Missourian. Lawrence Linderer, 75, a retired farmer, fell from the top of a load of rye at Springfield and dislocated his neck, dying almost instantly.

LIVE STOCK



HOW TO RAISE ORPHAN COLTS

Foal May Be Raised on Cow's Milk in Case of Accident—Attendant Must Be Patient.

(By W. S. ALEXANDER, Wisconsin Experiment Station.)

In case the mare dies or has no milk the foal may be raised on cow's milk, if the attendant conducts the work patiently and intelligently. Choose the milk of a cow that has recently calved, preferably one which gives milk low in butterfat, as mare's milk, while rich in sugar, is poor in fat. Sweeten the milk with molasses or sugar and dilute with warm water. Give a little of this prepared milk at short intervals from a scalded nursing bottle and large rubber nipple. Be careful to keep the bottle and nipple scrupulously clean. Add an ounce of lime water to each pint of the prepared milk and allow half a cupful once an hour at first.

As the foal grows, gradually increase the amount of milk fed and lengthen the intervals between meals. In a few days food may be given six times a day and, later, four times daily. The foal will soon learn to drink from a pail, if allowed to suck the attendant's fingers at first.

Until the bowels move freely give rectal injections night and morning. If the foal scours at any time give two to four tablespoonfuls of a mixture of sweet oil and pure castor oil shaken up in milk, and stop feeding milk for two or three meals, allowing sweetened warm water and lime water instead. Let the foal lick oatmeal as soon as it will eat and gradually increase the amount and add wheat bran. In five or six weeks some sweet skim milk may be given and the amount gradually increased daily until, in three months or so, it may be given freely three times a day in milk.



Teaching a Colt to Take an Apple. Place of new milk. The foal at this age also will be eating freely of grass, grain and bran.

HOGS SUBJECT TO DISEASES

Mange is Difficult to Eradicate Because of the Burrowing Habit of the Parasites.

(By M. H. REYNOLDS, Minnesota Experiment Station.)

Hogs are subject to a variety of skin diseases. Two of these, although quite different, are both known as mange. Pith mange is not a true mange, but rather an eczema, and affects hogs that are not in vigorous health and when kept in filthy pens and bad surroundings. Light-skinned hogs appear somewhat more susceptible to this than others. The skin is at first red and perhaps swollen. Small red spots appear and subsequently change to blisters, which dry and form crusts. The main treatment needed is simple cleanliness and the sort of feed that will make the hog healthy and vigorous. It usually means a complete change of surroundings and plenty of good food.

Hogs are subject also to true mange. This is caused by a minute animal parasite which burrows into the skin like the human itch mite and causes severe inflammation and itching. This form of mange is especially difficult to treat because of the burrowing habit of the parasite. Mange begins somewhere on the head or neck and extends slowly backward. The hams are likely to be affected sooner or later. The bristles fall out, and the skin becomes very thick and wrinkled. Sometimes it is thickened to an astonishing extent. Hog mange is peculiar on account of the powderlike surface of the crust.

Horse Care. Don't whip the horse if he is afraid. Talk gently to him. Don't forget his salt. Don't put a rough, dirty bit in his mouth, nor a frosty one. Don't hitch him in the cold unprotected by blankets, and hitch him so the wind will not be in his face. Notice how horses in a lot always turn tail to a cold wind. Give him enough to eat of good, wholesome food, and all the good water he wants.

Pruning and Spraying. Some people fall into the mistake of supposing that every tree needs pruning and spraying, but such is not the case. It is for you to decide whether your trees need pruning and for others to decide whether their trees and shrubs need spraying.

Remove Diseased Wood. All diseased wood in the orchard together with weeds, should be removed and burned as soon as possible. This will materially aid in the control of the insect and fungus pests.

EXCELLENT FARMING CONDITIONS IN CANADA

Letters from Settlers Indicating Growing Prosperity.

The present year will add another proof that farming in Western Canada, when carried on with the same energy and system devoted to other lines of business, will bring about results fully as satisfactory.

Mixed farming as a tocsin has been sounded for a number of years, and today it is being adopted pretty generally throughout the Provinces of Manitoba, Saskatchewan and Alberta. There are those who have made no greater success of it than they did when they pursued grain growing alone, but where one has failed to do, dozens have scored success.

From Sedgewick, Alberta, we hear of E. L. Deputy, for past twelve years manager for Frye & Sons, packers, Seattle, who during 1914 were the largest buyers of hogs on Alberta markets. He is taking up active work on his 1,200-acre farm near Sedgewick. Although he was one of the highest paid salaried officials on the Pacific Coast, his frequent visits and personal knowledge of farming conditions in Western Canada convinced him there are greater opportunities in farming Alberta land than in commercial life, with greater assurance of ultimate independence and prospects of home-making under the most desirable conditions.

Thomas McKay, a farmer near Hardisty, Alberta, has this to say about the country: "I came to Hardisty from Osage City, Kansas, nine years ago and took up a homestead here. This is a good district for the farmer who wishes to raise grain exclusively, and as a mixed farming country it cannot be beaten anywhere in the world to my knowledge.

"I had ten cattle, which ranged outside all last winter, and this spring they were fat enough for the market, this without being fed but one night during the entire winter; they were fine fat cattle and looked beautiful. I raised some winter wheat here which weighed sixty-seven and a half pounds to the bushel, government weight, and which I shipped to Calgary. The milk we bought it said that it was the best wheat that had ever gone into Calgary. Wheat in this district yields as high as forty bushels to the acre, oats average sixty bushels. Alfalfa does well here.

"All in all I think the farmers are very well satisfied with the country, and the farmer who farms his land intelligently is sure to make a success. The climate here is the best I have ever lived in, the summers are delightful and the winters are mild. There has never been a blizzard during the nine years I have lived here nor any cyclones or wind storms."

A settler in the neighborhood of Gleichen, Alberta, spent \$2,000 in improving his quarter section, has 125 acres ready for crop, keeps 70 head of stock, believes in mixed farming, keeps two hired men, one all year, the other in summer only. He milks 12 to 15 cows, and receives an average monthly cream cheque of \$110. Last June he sold \$1,200 worth of hogs and in November two more carloads, besides supplying his own requirements and is not only making money but building up a good home amid desirable surroundings. This is an example of the possibilities open to the industrious in the Gleichen district.

It is stated in the last three months \$35,000,000 of American capital has been invested in Canada, showing that United States financial men are satisfied of the solidity of Canadian institutions. Western Canada has been a heavy borrower and Western Canada's great resource is agriculture. U. S. financiers must be convinced that agriculture in Western Canada is sure and profitable or they would not be ready to invest so many millions in the country.—Advertisement.

Rubber. "You like to look after the passing girls so," grumbled his wife, "that it's a pity nature didn't give you eyes in the back of your head."

"Oh, I don't know," responded the hardened wretch. "A flexible neck answers all purposes."—Louisville Courier-Journal.

Mean Thing. Patience—I don't think Will is at all observing. Patrice—You don't? "No, I don't."

Well, I do. Why, he said the other night you had twice as much color on one cheek as on the other."

Cause of the Delay. Conductor—I've just married. I intended to marry several weeks ago, but a hundred dollars stood in my way. Friend—How did you get around it? Conductor—I didn't try to. I knocked it down.—Judge.

DON'T VISIT THE CALIFORNIA EXPOSITIONS Without a supply of Allen's Foot-Powder. This is the only powder to be shaken into the shoes, or dissolved in the foot-bath. The Standard Remedy for the feet for 25 years. It gives instant relief to itchy, hot, feet and prevents blisters, hot feet. One lady writes: "I enjoyed every minute of my stay at the Exposition, thanks to Allen's Foot-Powder in my shoes. Get it TODAY. Adv."

Children Cry For



What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Purgative, Drops and Soothing Syrups. It is pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. For more than thirty years it has been in constant use for the relief of Constipation, Flatulency, Wind Colic, all Teething Troubles, and Diarrhoea. It regulates the Stomach and Bowels, assimilates the Food, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS

Bears the Signature of *Chas. H. Fletcher*. In Use For Over 30 Years The Kind You Have Always Bought THE CENTAUR COMPANY, NEW YORK CITY.

SEDIMENT CARRIED TO SEA

Figures Show an Almost Incredible Amount Transported by China's Mighty River.

Some estimates of the discharge of the Yangtze-kiang river and of the amount of sediment it carries have recently been published by Prof. Konrad Kelbaker of the Berlin School of Mines, who visited the river in September, 1913, when the stage of water was unusually high. From measurements of depth made at Wusung, Nanking and Hankow, and estimates of width and velocity, this authority concludes that the discharge below Hankow (685 miles from the mouth) amounts in time of flood to 3,500,000 cubic feet per second. The annual mean is estimated at 1,750,000 cubic feet per second. Filtration measurements made at the mouth, near Wusung, taken in conjunction with the above figures for discharge, indicate an annual transport of sediment at the average rate of 37,500 pounds per second, or a total of 584,000,000 tons per annum.

DON'T MIND PIMPLES

Cuticura Soap and Ointment Will Banish Them. Trial Free.

These fragrant supercreamy emulsi- ons do so much to cleanse, purify and beautify the skin, scalp, hair and hands that you cannot afford to be without them. Besides they meet every want in toilet preparations and are most economical. Sample each free by mail with Book. Address postcard, Cuticura, Dept. X, Boston. Sold everywhere.—Adv.

The Deaf and Dumb Spy.

As the British forces under General Kitchener neared Khartoum, a dervish spy was discovered in camp and taken to headquarters for examination. But neither bribes nor threats could elicit one word from the prisoner; he affected to be both deaf and dumb. Scarcely had he been put in a tent under guard, when another spy was led in who proved equally obstinate, so he was put with the first one. Half an hour later, when the camp was settling down to rest, there was a fresh stir and hubbub and a third spy was brought in, who also would reveal nothing, and was finally placed in the tent with his fellows.

Soon the guards outside heard a murmur of voices from within. The dumb spies had found their tongues, but it was impossible to overhear their talk distinctly so to understand it. An hour or more passed.

Then the door of the tent was thrown open and the third spy appeared and asked to be taken to headquarters. There he threw off his disguise and revealed—General Kitchener! He had discovered all he wanted to know.

Whenever You Need a General Tonic Take Groves'

The Old Standard Groves' Tasteless Chill Tonic is equally valuable as a General Tonic because it contains the well known tonic properties of QUININE and IRON. It acts on the Liver, Drives out Malaria, Enriches the Blood and Builds up the Whole System. 50 cents.

A Cheerful Disposition. "There's nothing like a nice, comfortable home," said the earnest citizen.

"Oh, I don't know," replied Mr. Growther; "as soon as you get a place so that it attracts attention for comfort the agent is liable to look it over and raise the rent."

YOUR OWN DRUGGIST WILL TELL YOU Why Murine Eye Remedy for Red, Weak, Watery Eyes and Grained Eyelids. No Stinging. No Itching. Write for Book of the Eye by Mail Free. Murine Eye Remedy Co., Chicago.

Pitiless. "Did Miss Howler sing with any feeling?" "Not of pity for her audience."

In One Way an Artist. "They say he's quite an artist." "Well, yes, if you mean he draws on his imagination."—Buffalo Express.

HORSES FOR EUROPE

Europe is buying thousands of horses from the United States for the war. The army agents prefer all those that are not in good condition, and free from contagious and infectious diseases. When the horses come you must be ready to furnish certificates of health, vaccination records, and other documents. Pink Eye, Ringworm, Catarrhal and Shipping Fever being the largest selling veterinary diseases.

SPHON'S DISTEMPER COMPOUND. Absolutely safe for all ages. One bottle cures a case. 50 cents and \$1 the bottle. For free booklet, "Distemper, Croup and Croup," SPHON MEDICAL COMPANY, Chemists and Bacteriologists, GOSHEN, INDIANA.

JUST WHAT IS BAD AIR?

Experts Prove That Overheated Rooms Without Proper Ventilation Produce Serious Physiological Effects.

Air is bad when it is overheated, when it contains an excess of moisture, and when it is chemically contaminated. This is the conclusion of the New York state commission on ventilation as summarized by Prof. C. E. A. Winslow, chairman. The first indictment against bad air shows that an increase in temperature beyond the normal seventy degrees produces serious derangement of the vaso-motor mechanism of the body, resulting in a rise of temperature, increased pulse, and a lowered blood pressure, with a corresponding decrease in efficiency, both physical and mental. In addition to this, overheating conduces to an undesirable congestion of the mucous membranes of the nose, thus possibly paving the way for colds, sore throats and attacks of various germ diseases.

The work of the commission also proves that chemical accumulations in the air as a result of air stagnation bring about a decreased appetite for food, which in turn must have an unfavorable effect on the entire body. In the commission's experiments, the people living in fresh air ate 4 1/2 to 13 per cent more than those living in stagnant air.

"These experiments," says Professor Winslow, "indicate that fresh air is needed at all times and in all places. While we have changed our ideas as to what causes bad air, ventilation is just as essential to remove heat produced by human bodies as it was once thought to be to remove the carbon dioxide produced by human lungs, and it is now proved also to be essential for carrying away chemical products which exert a measurable effect upon the appetite for food. People who live and work in overheated and unventilated rooms are reducing their vitality and rendering themselves an easy prey to all sorts of diseases, such as tuberculosis, pneumonia, grippe, etc.

Hard to Keep 'Em Out. "Got any egg plants in your garden?" "Not now, but four of my neighbors' were in yesterday for an hour or two."

Once it begins to fade, the beauty of a woman goes as quickly as the brilliant coloring of an autumn leaf.

Are Your Kidneys Weak?

Do you know that deaths from kidney trouble are 100,000 a year in the U. S. alone? That deaths have increased 75% in 20 years? If you are run down, losing weight, nervous, "bluish" and rheumatic, if you have backache, dizzy spells and urinary disorders, get quickly Ure Doan's Kidney Pills. No other medicine is so widely used, none so highly recommended.

An Illinois Case

"Every Night This is My Bed" Edwin Gucker, Western Ave., R. 2, D. Mattoon, Ill. says: "The pains in the small of my back were so bad I could hardly stoop. The kidneys were profuse and too frequent in passage. I lost weight, had poor appetite and was all run down. Ure Doan's Kidney Pills had a most wonderful effect. My kidneys got normal and the distressing ailments left me. I have been in good health since."

Get Doan's at Any Store. 50c a Box. URE DOAN'S KIDNEY PILLS. POSTER-MELBURN CO., BUFFALO, N. Y.

W. N. U., ST. LOUIS, MO., 23-1915.

Death Lurks In A Weak Heart

If Yours is fluttering or weak, use RENOVINE. Made by Van Vleet-Mansfield Drug Co., Memphis, Tenn. Price 50c.

Make the Liver Do its Duty

Nine times in ten when the liver is right the stomach and bowels are right. CARTER'S LITTLE LIVER PILLS gently but firmly compel a lazy liver to do its duty. Cures Constipation, Indigestion, Sick Headache, and Distress After Eating. SMALL PILL. SMALL DOSE. SMALL PRICE. Genuine must bear Signature.



Black Leg

LOSES SURELY PREVENTED by Carter's Black Leg Pills. Cures Black Leg, Swelling of the Feet, Stomach Troubles, Indigestion, Sick Headache, and Distress After Eating. SMALL PILL. SMALL DOSE. SMALL PRICE. Genuine must bear Signature.

Pantene

A Soluble Antiseptic Powder to be dissolved in water as needed For Douches

In the local treatment of woman's flu, such as leucorrhoea and inflammation, the douches of Pantene are very efficacious. No woman who has ever used medicated douches will fail to appreciate the cleanliness and healthy condition Pantene produces and the prompt relief from soreness and discomfort which follows its use. This is because Pantene possesses superior cleansing, disinfecting and healing properties.

For ten years the Lydia E. Pinkham Medicine Co. has recommended Pantene in their private correspondence with women, which proves its superiority. Women who have been relieved say it is "worth its weight in gold." At druggists. 50c large box or by mail. Sample free. The Paxton Toilet Co., Boston, Mass.

DAISY FLY KILLER placed upon shelves, attracts and kills all flies. Not clean, cheap. Large all season. Guaranteed effective. Will not set off traps, and will not harm any animal. Guaranteed effective. All dealers. For further information, send for free booklet. RASOLD BROS., 100 So. Main St., Brooklyn, N. Y.

PANK'S HAIR BALM. A toilet preparation of much value for itching scalp and for restoring color and promoting growth of hair. Price 25c. Sold everywhere.