STOCK YARDS DAILY JOURNAL

A Daily Commercial Newspaper for Modern Farmers and Stockmen and an Advertising Medium that Reaches the Buyers

Vol. XII. No. 105.

ST. JOSEPH, MO., WEDNESDAY, DECEMBER 23, 1908

LAST EDITION.

TERMS: SINGLE COPY, 5 CENTS

DAILY MARKETS

Official Receipts, 35 Cars, 991 Cattle; 76 Cars, 6,366 Hogs; 4 Cars, 1,074 Sheep.

RECEIPTS CONTINUE LIGHT

Scant Run of Fat Beeves Sold Freely at Steady to Strong Rates.

NO CHOICE HEAVY STEERS

Butcher Market Steady to Dime Higher - Bulls Sell Freely - Calf Trade Holds Steady-Stock Cattle in Scant Supply, Firm Tone to Trade-Buyers Resist Sellers' Bullish Views in Hog House, Trade Slow-Bulge in Lamb Market, Prices Highest of

RECEIPTS FROM JANUARY 1, 1908. The following table shows the receipts from January 1, 1908, and receipts for the corresponding time in 1907:
 1908
 1907
 Dec.

 Cattle...
 578,639
 611,218
 37,579

 Hogs...
 2,301,333
 1,878,912
 581,678,912

 Eheep...
 581,512
 758,065
 176,553

 Hcrses...
 22,498
 26,769
 4,271
 424,421

LIVE STOCK IN SIGHT. Totals...... 28,900 64,200 Yesterday... 17,400 62,200 Week ago ... 40,200 103,800 Month ago ... 45,800 122,300 Year ago.... Holiday

RECEIPTS BY CARS. The following shows the number of cars of stock handled today by railroasd centering at the stock yards:

CATTLE.

Active Demand For Fat Beeves at Steady to Strong Prices.

higher. The small supply of steers was quickly taken today at steady to firm prices on a basis of recent strong advances which have fully wiped out all declines noted last week. Supplies for the half-week have run very light at all points and with Friday a holiday there is no prospect of anything like a liberal run before next Monday.

At five leading primary markets the supply for three days totals out 88,000 and shows a decrease of 43,000 compared with last week. Locally the falling off has been about 5,000. Swift and Company..... 500

In the small supply on the local Morris Packing Co..... 400 market this morning there was but a moderate showing of steers and these Hammond Packing Co....... 200 were readily taken at prices fully sustaining advances of Monday and Tuesday and fully covering the declines of last week. Some fairly good short-fed steers were offered and were quickly Swift & Co..... 285 2,228 246 taken at \$6.50 for the best here with other sales of warmed-up light and Hammond 169 1,442 medium weights ranging at \$5.50@ Morris 25 1,326 6.25 and common to fair light killers at \$4.50 to around \$5.25. The pens were quickly cleared at the prices and more cattle of attractive and useful quality would have been welcomed by Trade Slow in Opening on Steady Basis the packers.

Dressed Beef and Shipping Steers. 38UDB1343,.6 50 10.... 928..5 60 58....1355..6 25 21....1151..5 50 40....1258.6 65 38....1157..5 40 The falling off at five primary points feeders steady. 20....1304..6 00 20.... 941..5 30 amounts to 76,000 compared with last Hogs—Recei 40....1305..6 00 3....1103..5 25 week while at the local point the 49....1136..5 75

COWS, BULLS AND MIXED. The better grades of cows and helf- starting with buyers generally bidding strong to 10c higher. ers sold strong to 10c higher today but around steady prices. There was little buyers were unwilling to grant any business done before noon but when strength in the common and medium buyers and sellers got together the styles and succeeded in securing these crop was soon moved at around steady Special to The Journal: The Drovers kinds about steady with yesterday. prices compared with the previous Telegram reports: Receipts were light and everything

Bulls sold freely on a steady basis dency to increase and the light and of prices. The calf market remains medium weights are of fair quality. changed with choice yeals selling at

Helfers.	FFF a week one of triogram
	1403 50 a holiday, two years ago at \$6.35@ 6.40, three years ago at \$4.92 ½ @ 5.00, 1803 50 four years ago at \$4.55@ 4.65. No. Av. Shk. Price No. Av. Shk. Price
1 800.4 00 1 8 1 700.4 00 1 6 19 680.4 00 2 6 6 858.3 85 2 5	Pigs and Lights—199 lbs. and Under.

	1807.1	Name and Address of the Party o	_	The second secon
	100			
		13 7863		85184 5 30 4 120 4 00
7233	70	1 7203	00	731975 30 22 753 90
	Cor	wa.		741795 25 18 668 90 8731855 25 45 933 90
11505	0.0	5 9563	40	\$731855 25 45933 90 731895 25 67768 90
12205	0.0	4 9003	40	42197 5 25 12100 3 90
10805	0.0	2 8703	35	68 193 120.5 20 10 98 — . 3 90
			-	102 171 5 20 32 90 8 90
11875	0.0	4 9903	35	931665 15 13 953 85
11204	75	2 9353	35	431715 15 30 79 3 85
11394	75	3 9463	30	59. 191 5 15 5 88 3 85
13504	75	4 9123	30	80160 5 10 15102 3 85
11194	50	311833	25	1011696 10 10 773 75
13304	50	14 9383	25	80167 5 10 4 75 8 75
11004		2 8753	25	851615 05 8 853 75
11574		1 9803	25	90162160.5 00 5 52 8 75
10104			25	90149
ch. 951.4		2 9303	25	
				Heavy and Mixed-100 lbs. and Upward.
11204		1 8203	10	72234200.5 60 79228120.5 50
ch10844	40	1 9003	10	80255 5 60 64228 5 50
11844	30	4 9223	0.0	40 259 5 60 79 213 80.5 50
12004	25	7 8703	00	83228160.5 60 902215 50 622555 60 762195 50
11824	25	110503	00	88270 80.5 60 80228 80.5 50
11504	15	2 9803	00	87 222 80.5 60 61 256 5 50
11004	15	5 9642	80	64290 40.5 60 61226 40 5 50
11404	0.0	1 9002	75	78262 80.5 55 52248 5 45
11534	00	1 9802	75	85213 5 55 68 256 200.5 45
9704	00	1 8802	75	45258 80.5 55 81219 5 45
9204	00	2 8252	70	56223 5 55 85228120.5 45
	9.91			70248 160.5 55 83216 160.5 45
9254	0.0	1 9402	70	72250280.5 55 . 73244200.5 45
11004	00	12 9132	65	58278 40,5 55 85208 80,5 40
10704	0.0	1 9302	60	74274120.5 55 84225 80.5 40
ch 7763	85	4 9272	60	6321940.5 50 642055 40 91226160.5 50 27210
10533	75	3 8532	50	66231. 240.5 50 60218 80.5 40
9903	60	310732	50	83243120.5 50 64265480.5 35
10503	60	2 9802	40	65244130,5 50 95203. —.5 35
9913	60	2 9902	35	82 .230 80.5 50 82205 40.5 30
1000 0	00	5502	00	75 217 80 5 50 50 207 - 5 25

 12023	50	0 8802	3.0	10
 10403	50	2 7952	25	
 10203	50	1 8102	00	111745 00 1530 80.4 50
8933				4337 5 55 1440 80.4 50
		Stags.		31464 85
18804		113703	25	Packers' Hog Purchases.
16304		112203		Swift and Company
				Hammond Packing Co
13504		114203		Morris Packing Co
14603		211553		morris racking Corrections
10903		112703		Motol 5.0
 14903	75	112402	40	Total
 12003	50			Range of Prices.
Vet	at Ca	lves.		This Week Last Wee
1608	0.01	2 1606	50	
		1 1306		Tuesday 4.90 @5.65 4.90 @5.70
	7.02			Wednesday. 4.90 @5.60 4 95 @5.70
		5 985		Thursday @ 4 05 O5 05
1708		1 1205		Friday @ 4.75 @5.65
		1 1705		Saturday @ 4.90 @5.55
1308		1 2504	75	Average Weight.
 1707	75	1 3804	60	Dec. 14 211 Dec. 182
 2207	75	1 3404	50	Dec. 15 205 Dec. 19
 1257	75	2 1854	50	
149 7				Dec. 17214 Dec. 222

... 220..7 75 10.... 125... 7 75

5.... 108.

3.... 163.

1.... 290.

1.... 310.

2.... 315..3

5 268..3

8.... 198..4

2.... 190..4

1.... 140 .. 4 00

5.... 142..7 50

1.... 160... 7 50

1.... 130..7 50

1.... 150..7 50

1.... 120..7 50

2.... 200..7 00

1.... 130..7 00

8.... 741..4 25

.... 120..7 00

... 150..6 50

.... 208..7 25

187. . 7 00

137..6 50

STOCKERS AND FEEDERS.

ed volume until after the holidays.

' Yearlings and Calves 37.... 683..4 40 2.... 575..3 75 1.... 600..4 00 1.... 560..3 65

Feeding Cows and Stock Helfers.

12.... 562..3 30 1.... 480..3 10 1.... 540..3 25 2.... 475..3 10

1..., 500..3 25 2.... 720..2 95

1.... 750..3 15 1.... 710..2 75

1.... 540..3 10 1.... 710..2 75

Packers' Cattle Purchases.

Total 479 4,996 246

HOGS.

of Prices.

No material change is noted of late

shortage is scant 5,000.

Cattle Hogs Sheep

Packer's Purchases Yesterday.

Receipts of stockers and feeders to-

1.... 180..4 25 Dec. 17........214 Dec. 22.......201 SHEEP.

> Boom in Lamb Values, Top Highest of the Season.

The lamb market took a big spurt upward today and prices were elevated to the highest level of the season. Around 1,200 sheep and lambs arrived, 2.... 155...3 00 mostly the latter. It was the first time 3.... 273...3 00 this week that enough lambs were 375..2 75 offered to furnish a test of the market, and buyers went at them greedily clearing the pens early at unevenl day were of meager proportions, offer-ings on sale consisting mostly of a few sold at \$7.35, and this figure was 200 lots of odds and ends. Demand was higher than best previous price of the season on the local market. Compared wery attractive and everything sold with the low time last week the market. early on a steady to strong basis of ket looked fully 75c higher. A fairly

stockers and feeders will be of restrict- In the sheep division there was not much change compared with yesterday Trade in stock helfers had strong but prices were 25@40c higher than tone. An attractive class of stock the close of last week, or showing the heifers sold at \$3.00 @ 3.25, a few even recent loss fully regained. Weighty yearlings sold at \$5.40, a nickel higher Stockers and Feeders. | than yesterday and wethers at \$4.60 10.... 887..4 50 1.... 890..4 15 were steady.

menance & a	
fed west lambs 717	35
nat lambs 817	35
nat lambs 677	00
fed west lambs 676	85
nat lambs 936	25
nat lambs, culls 525	50
nat lambs, culls 535	50
fed west yrls 965	40
nat yrls 935	00
nat yrl	00
fed west weth1004	60
nat lambs, culls 604	50
nat yrls 854	25
nat ewes	00
nat lambs, culls 554	00
nat ewes, culls1163	00
nat lambs, culls 532	50
Packers' Sheep Purchases.	
and Company	379
mond Packing Co	
s Packing Co	296
	fed west lambs

OTHER LIVESTOCK MARKETS

Lighter receipts do not stimulate as ports: Cattle-Receipts, 20,000. Market much activity and strength to the hog

Hogs-Receipts, 33,000. Market amination was deferred until today. opened 5c higher, closed weaker; top, \$5.85; bulk, \$5.25@5.80. This forenoon the trade was slow in Sheep-Receipts, 15,000. Market

> KANSAS CITY. KANSAS CITY, Mo., Dec. 23 .-

SOUTH OMAHA, Neb., Dec. 23 .-Prices ranged from \$4.90@5.60, Special to The Journal: The Drovers with the bulk selling at \$5.15@5.60. Journal-Stockman reports:

The bulk yesterday sold at \$5.25@ Cattle—Receipts, 1,960. Market

> 25c higher. EAST ST. LOUIS.
>
> EAST St. LOUIS, National Stock prominent feeders of that section, marketed 58 steers, weighing 1,355 to the farmers of the cotton states, louised. The National Stock lbs., at \$6.25. Journal: The National Live Stock Reporter reports:

MARKET OPEN SATURDAY.

An impression that the St. Joseph live stock market would be closed on Saturday of this week, the day following Christmas, is erroneous. The market will be closed for the Christmas holiday, but will be open as usual on Saturday, the 26th. Stock arriving on Christmas day will be yarded, watered and fed and will be offered for sale as usual on Saturday.

Cattle-Receipts, 2,000, including 200 Texas. Market steady. Hogs-Receipts, 8,000. Market 10c ower; top, \$5.75; bulk, \$5.40@5.60. Sheep-Receipts, 100. Market ST. JOSEPH CASH GRAIN MARKET

Today's cash values: Receipts, wheat, 4 cars: corn, 8 cars: oats, 0 Wheat. No. 2 red......... 05 @1 06 No. 4 red..... 97 @1 01 No. 2 hard....... 1 00 @1 035 No. 3 hard..... 97 1/2 @1 01 1/2 No. 4 hard...... 93 @ 99 Corn. No. 2 white..... 57% @ 50 No. 3 white..... 57 1/2 @ 57 % 50 No. 4 white..... 55 @ 56 No. 2 corn..... 56% @ 57 00 No. 3 corn..... 56 1/2 @ 56 1/4 No. 4 corn..... 55 @ Oats. No. 2 white..... 50

Dec. 18......201 Dec. 19.....197 Dec. 21.....210 Options | Open-High Low-Close | Close Yes'y WHEAT-

101% 102% 101% 102% 101% Dec. ... 101% 102% 101% 102% 101% May.... 105% 106% 105% 106% 106% 106% 106% CORN-571/4 571/4 571/4 60%- 61 60%-Dec. ... 57½ 58 May.... 60% 61 May 51% 51% 51% 51% 50% LARD-May 9.55 9.75 9.55 9.75 9.52 Jan..... 8 25- 8 40 8.25- 8.40 8.27 May.... 8.57 8.72 8.57 8.72 8.57

several visits of the riders, corrobo- knowledge and improvement. rated Fred Fehringer's testimony in

CHICAGO.

The Kansas SAGRICULTURAL MEFTING

The Kansas Sade Board of Agriculture will hold its thirty-eighth annual

Topeka, Kan., beginning Wednesday,

January 13, 14 and 15, 1909.

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January 13, 14 and 15, 1909.

The Mansas State Board of Agriculture will story was practically the same as that ods, to use improved seed, and thus Wednesday, January 13, and continue 31....1376...6 25 20....1126...5 56 trade as may have been anticipated. slow, dull, 10c lower; cows lower; told by Fehringer and corroborated it to increase their profits. in every essential detail. Cross ex-

WILL PROBE THE PEN.

Representative Clark Alleges Shortage in Output of Binder Twine.

prices compared with the previous Telegram reports:

| Jefferson City, Mo., Dec. 23.—Rep- their history, and many men who have day. The packers appear to want the day. Receipts were light and everything day. The packers appear to want the sold in good season on the above basis, logs at around present prices, but are slow; lights strong; top \$6.50; cows county said yesterday, that early in raising cotton profitably as a result stock industries, or in wholesome opposed to material advances at least and heifers steady to strong; stockers the coming session of the legislature of better systems of management. county said yesterday, that early in raising cotton promably as a result stock industries, or in wholesome the coming session of the legislature of better systems of management.

Closely related to this work are the large without profit. Their sessions of every employe who wishes to take Toppy offerings were not numerous.

A few choice cows sold at \$4.75@5.00 opposed to material advances at least and heifers steady to strong; stockers the coming session of the legislature of better systems of management.

A few choice cows sold at \$4.75@5.00 for the present. It may be that they dull; calves firm. and up, but most of the desirable do not want to get big receipts started Hogs—Receipts, 11,000. Market vestigate the output of the peniten- farm management investigations of and discussions are open to all. and up, but most of the desirable do not want to get big receipts started during the remaining days of the old during the remaining days of the old bulk, \$5.15@5.65.

part in the system. To enter it an last year he induced a number of the bulk, \$5.15@5.65. Sheep-Receipts, 4,000. Market 10 farmers to order their supplies from followed on the most successful farms 213 South Sixth street, St. Joseph, Mo. where investigations were made, application or adaptation of these

welcome an investigation. KANSAS STEERS AT TOP.

Marion county, Kansas, furnished best beeves noted on today's market. as to business methods. The bulk yesterday sold at \$5.20 \$6.25 \$6.

Advertise in The Journal.

FARM SCIENCE

Experiment Stations and Agricultural Colleges Aid to the Department.

DISCUSS FARM MANAGEMENT

Helps in Planning New Farms or Rejuvenating Old Worn Out Fields.

MUCH DEMONSTRATION WORK

and Climates-Combatting Pests Has Made Great Progress-Much European countries.

ments on state and branch experiment station farms controlled by the department are under way to determine those crop rotations and other the farm which will be most profitable and best adapted to the family and other available labor.

In co-operation with the Minnesota experiment station a method has been actual farm conditions the cost of

TREMRLE WITH FEAR.

Witness in Night Rider Cases Afraid of Mountaineers.

Witness in Night Rider Cases Afraid of Mountaineers.

Union City, Tenn., Dec. 23.—When Mrs. Emma Jackson, one of the state witnesses, yesterday afternoon in the might rider trials, was excused from the stand, she turned to Judge Jones and said:

"I will not leave the court room"

Wenient manner as an annual ledger of crop production cost and net income that farmers can easily use it. Extensive studies are made of the best practices of successful farmers in all parts of the country. Demonstration of Mountaineers.

Commissioner Bowers points to the history of the New England salmon fishery as a lesson of warning to anglers, and he declares that many of the states are absolutely indifferent to the question of protection of fish.

He says the obliteration of many species is certain unless radical cormander of the fish.

Wanted—Active, Intelligent, sober, honest stock yards man familiar with the work and willing to do it. Prefer measures are taken. The shad, it is pointed out by Commissioner practices in hundreds of particulars, the success of which is readily understood in terms of profitable income—and said:

"I will not leave the Corp production cost and net income that farmers can easily use it. Extensive studies are made of the listory of the New England salmon fishery as a lesson of warning to anglers, and he declares that many of the states are absolutely indifferent to the question of protection of fish.

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Commissioner Bowers points to the listory of the New England salmon fishery as a lesson of warning to anglers, and he declares that many of

Demonstration Work.

seven members of the band. She was followed on the stand by her daughter, Miss Dora Jackson, 18 years old, who corresponded her mother.

Ment inaugurated on a small state ent bureaus yielded this year of the languagurated on a small state ent bureaus yielded this year of the band. She was followed on the stand by her daughter, what is now known as its "Farmers' of the band. She was followed on the stand by her daughter, what is now known as its "Farmers' of the band. She was followed on the stand by her daughter, what is now known as its "Farmers' of the band by her daughter, what is now known as its "Farmers' and delivered about 458,000,000 eggs of the band. The band by her daughter, what is now known as its "Farmers' of the band by her daughter, what is now known as its "Farmers' of the band by her daughter, what is now known as its "Farmers' of the band by her daughter, by h The last witness of the day was Will cess that the work has been gradual-

work is that the results have attract- afternoon and evening sessions each ed so much attention that volutary day. The Kansas Improved Stock benefit of the scheme and that the anprivate contributions toward its extension have almost reached the total amount appropriated by congress for its maintenance. Large districts which had been almost deserted on Poultry Association will also hold which had been almost deserted on Poultry Association will also had account of the boll weevil are now meetings in Topeka in the same week more prosperous than at any time in as the State Board of Agriculture. It booklet to be issued within a few days,

range of \$3.50@4.00. Bulk of heifers of the kinds selling under quality of hogs coming. Weights are not as heavy as they should be at this season, although there is a tenorder going at \$4.75@5.25.

No material change is noted of late and the fine supplies from to howed on the host successful tarms to order their supplies from to howed on the host successful tarms the prison, and that in every instance in well-defined communities, and the are not as heavy as they should be at this season, although there is a tenorder going at \$4.75@5.25.

SOUTH OMAHA:

Sheep—Receipts, 4,000. Market 10 are not as heavy as they should be at the prison, and that in every instance in well-defined communities, and the prison, and that in every instance in well-defined communities, and the prison, and that in every instance in well-defined communities, and the prison, and that in every instance in well-defined communities, and the prison, and that in every instance in well-defined communities, and the prison, and that in every instance in well-defined communities, and the prison, and that in every instance in well-defined communities, and the prison, and that in every instance in well-defined communities, and the world farms throughout the prison, and that in every instance in well-defined communities, and the world farms throughout the prison, and that in every instance in well-defined communities, and the world farms throughout the prison, and that in every instance in well-defined communities, and the world farms throughout the country. Warden Hall said that he would farms throughout the country. The aim in all this work is to bring the farm up to its maximum producing power through systematic management, both as to cultural practices and

Continued on Page Four.

CALL MEETING OF STOCKMEN

American National Live Stock Association to Convene at Los Angeles.

Denver. Colo., Dec. 23 .- Secretary W. Tomlinson has issued the call for the twelfth annual meeting of the one load of hogs here today. American National Live Stock asso- W. H. Caldwell, of Farragut, Iowa, ciation at Los Angeles, Cal., Jan. 26 had hogs on sale here today.

we stock industry has the need for F. McCoy, of Bendena, Kan., cashed concerted action been more imper-ative," said Mr. Tomlinson. "Many" in a load of swine at this point today. ongress and the legislatures of the day, lifferent states, and it is vitally im- A. G. Harper, of Leona, Kan., diserity of our industry should now day. forcibly express their views through J. B. Archer, of New Market, Iowa, this national organization.

"Some revision of the tariff will unday.

doubtedly be attempted by the next W. H. Scane, of Bedford, Ia., conongress and already certain manu-signed one load of hogs to this market facturing interests are clamoring for reduction in the duties on hides, wool and live stock. In all previous tariff Tiller & Smith, of Hamburg, Iowa, legislation the manufacturing inter- had two loads of cattle on sale here Whole Country Included in Work of ests, by reason of intelligent organiza-Experimenting With Adaptable able to secure many favors to which was at market today with two loads Crops for Different Sections, Soils they were not justly entitled, and, as of cattle. consequence, our meat food prod- R. W. Moorehead, of Sabetha, Kan., ucts are barred from many continental was on the sheep market today with

"In past years this association has Attention With Good Results Given favored such reciprocal trade agree- one load of hogs and one load of cattles to Dry Farming in Semi-Arid ments as would permit the admission of our meat products to those countries, and now is the time while the such favorable legislation. The special here today. Following on farm management and committee, representing the Depart-ments of Agriculture, Bureau of Com-City, Mo., cashed in a load of hogs experiments is taken from Secretary merce and Labor and the Treasury, here today of Agriculture Wilson's annual report: which went to Europe for the purpose

MUST PROTECT FISH.

methods of internal management of Report of Federal Commissioner Contains Warning to Anglers.

Washington, D. C., Dec. 23 .- A serious note of warning to anglers is of cattle; C. O. Brown, Shambaugh, contained in the annual report of two loads of hogs, and J. H. Beery, of developed of securing under average George M. Bowers, United States fish Shambaugh, one load of ho. 1. each operation and of each crop, and most serious condition now confronting industry is deep most serious condition now confronting the American fishing industry is deep most serious condition now confronting the American fishing industry is deep most serious condition now confronting the American fishing industry is deep most serious condition now confronting the American fishing industry is deep most serious condition now confronting the condition now condition now confronting the condition now condition now confronting the condition now condition commissioner, in which he says: "The The following were Missouri ship-

and said:

"I will not leave the court room without armed protection. I know these are lines of work which have been followed and have produced these men."

Mrs. Jackson told a vivid story of the stor greed and indifference may in a single generation destroy a valuable fishery many details, as did other witnesses and identified by name at least twentyseven members of the band. She was ment inaugurated on a small scale ent bureaus yielded this year 376,000,

Russell, another alleged night rider, by increased until now the whole cot- KANSAS AGRICULTURAL MEETING. spite of these precautions. Russell's south to adopt better cultural meth- meeting will convene at 4 o'clock p. m. o increase their profits.

Striking proof of the success of this disposed of. There will be morning, sharing scheme. It is intended that

Instructions in Growing by Northwestern Agricultural Experts.

South Dakota is rapidly forging to the a holiday, two years ago at \$6.35@ strong to 5c higher; top, \$5.65; bulk, located near Peabody, had in 38 well progress has been made in aiding the \$5.25@5.50.

Strong to 5c higher; top, \$5.65; bulk, located near Peabody, had in 38 well progress has been made in aiding the \$5.25@5.50. front is shown by the remarkably fine finished steers, averaging 1,243 lbs, farmer to put into practice results of meeting and corn school of the State 5.25@5.50.

Sheep—Receipts, 800. Market 15@ which sold to the United Dressed Beef Co. of New York, at \$6.50, the ing the soil with humus without in-Corn Growers' association, which Joseph, Mo., quotes butter fat today, Giddings & Barker, of Burns, terfering with established cropping tical instruction in corn growing by leading agricultural experts of the In one Missouri county so many rabprizes will be distributed among the run for a brushpile whenever they successful exhibitors. hear a dog bark. successful exhibitors.

**************** ITEMS IN BRIEF.

********** E. Chism, of Barnard, Mo., disposed of hogs here today.

L. Brown, of Edgar, Neb., marketed

E. Dominy, of Hardy, Neb., mar-"Never before in the history of the keted one load of hogs here today.

questions of great interest to stock- J. A. Palmer, of Odell, Neb., had a men will be considered by the next mixed load of stock on sale here to-

portant that all concerned in the pros- posed of one load of cattle here to-

marketed one load of swine here to-

tion and persistent effort, have been | C. W. Flickinger, of Morrill, Kan.,

The Updike Grain Co., of Angue, tariff is under consideration to secure Neb., disposed of one load of hogs

C. L. Kunkel, of Forest City, Mo.,

Iowa shippers were much in evidence heret oday. The following are lowa shippers who had stock on today's market: M. N. Jones, Knowlton, one load of hogs; J. S. Dunlap, Diagonal, one load of cattle; H. T. Wintermite, Athlestan, one load of

these figures of cost per acre and per unit of product, and of the crop or other resulting product, a system of simplified farm accounting and cost

ing the American fishing industry is the failure of the states to afford adequate protection to migratory fishes in state and interstate waters.

The report was submitted to con- Graham, Osberg, Gray & Co., Clear- Westboro, one load of hogs; Geo. T. keeping has been devised. The most novel part of this system of teaching farm management is farm maps, which serve in such a simple and convenient manner as an annual ledger venient manner as an annual ledger to convenient manner as an annual

For particulars call on or address W. E.

PLANS PENSION SYSTEM.

Nelson Morris & Co. Will Put Into Effect a Profit Sharing Scheme.

Stock Yards, Chicago, Dec. 23 .-Edward Morris, president of Nelson Morris & Co., has worked out one of the most comprehensive pension systems for employes ever adopted by a big commercial concern in this country and the plan will be put into effect The plan includes elements of a

firm for at least six months and receive a weekly salary of \$10. None PREPARE FOR CORN SHOW. can pay on an amount of more than \$7,500. The plan has many comprehensive features.

FOR SALE. Ewes dropping lambs; 140 west-erns, 2 to 4 years old; lambs from Sioux Falls, S. D., Dec. 23.—That Shropshire bucks. Rex Bradbury. Exchange building.

BUTTER FAT.

northwest will be a feature of the bits have been eaten lately that most convention. Hundreds of dollars in of the prominent citizens thereabouts

amount of material would allow for.

Thatold brass kettle that you have

Loaves for Sandwiches.

Half fill pound baking powder ca

Butter in Tomatoes.

Rebuking Child in Public

nuisance of himself that no

A child should rarely, if ever, b

THE STOCK YARDS DAILY JOURNAL

405 West Illinois Ave., St. Joseph, Mo.

The Saint Joseph Journal Publishing Company,

W. E.	WARRI	CK,				Editor an	d I	Manager.
Largest	Outside	Circulation	of	Anv	Paper	Published	in	Buohanan

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In asking change of address, please state your former postoffice. State whether your paper is Daily, Tri-Weekly, Semi-Weekly of

Country subscriptions are payable in advance. Remit with postal order or draft payable to St. Joseph Journal Publishing Company.

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cation. Usual 20 per cent commission allowed postmasters, who are author ized to take subscriptions,

WILL BREAK SOME RECORDS.

Speaking of records in figures, the St. Joseph live stock market cover with milk; bake one-half hour. juncheon boxes, particularly picules. for 1908 is going to show the largest number of hogs arrived in the history of this market, and will also go into print as the banner year in the aggregate number of cattle, hogs, sheep and horses arrived.

FIGURES AND PREVARICATORS.

Figures may not lie, but you'll see some mighty hard statistical forth in the water they become per- mixture, sprinkle bread crumbs on forth in the water they become per- mixture, sprinkle bread crumbs on Kirksville, Mo. things to believe within the next ten days. For instance, Kawville feetly clean. Let the water drain off top, place a plece of butter on each down the creek will not only tell you that she is the only live stock and they are ready for use. This is and bake twenty minutes. This is a market beneath the star-spangled dome of the sweet by and by, but especially handy in winter when the most appetizing dish. she will attempt to prove it by figures.

The national government is a big land owner, but it does not advertise except what it sponges off the publisher through the trick of to reach to the top of smaller one, and to the words. It always lessens the self-respecial telegrams from Washington. Canada expends large sums an- of salt. Soak thoroughly a flower pot a misdemeanor or mually for this purpose. Steps should be taken at this time to acquaint and cover butter with this. Occasion- front of people and to the child of a the home seekers of this country with the fact that within our borders ally resoak the pot. The butter will sensitive disposition it is a source of there yet remain thousands of desirable locations for homebuilders, be as firm as it is in winter, without positive agony. This does not mean Our great western region in soil, climate and crop possibilities is superior to the country farther north. It possesses better transportation facilities and markets, it is under our own flag and is occupied by some pretty good people. Its development adds to our national wipe them dry and rub them over room and should be talked to in pri by some pretty good people. Its development adds to our national wipe them dry and rub them over with lard they will cook in less time when a child is in an angry, sullen, or BIELHEN FOUNDRY AND agricultural area in the world and is destined to become the center of a vast population which will represent the highest ideas of American citizenship.

SOME FACTORS IN CORN.

Live Stock World: The recent break in corn was not illogical, ered with water the night before they Generally fine weather for conditioning and moving the grain in the country, disappointingly light shipping business, with exporters doing like a fresh fruit.

Are to be cooked, they will cook in much less time, be larger and more took \$76,000 a year for a woman to like a fresh fruit. surprisingly little on the decline, and increasing receipts served as important items in the pessimistic argument. Although the percentage bread crumbs are added to a pound increasing receipts served as important items in the pessimistic argument. Although the percentage contract grain included in receipts has been light, much of the cereal has been of good enough quality to enable the elevators to turn out of pork sausage it improves it and alopinion a woman could live most decently, with no necessity of economizthe contract article without much difficulty. The week marked the some yolks left from baking if they annually. Some of us manage to exturning out of much contract grade stuff from the private concerns, are carefully covered with a little wa- ist quite comfortably on less than Illinois farmers are offering little corn, although farmers west of the ter they will save several days and be that Mississippi seem more willing to sell at the prevailing level. On as good as freshly broken. Saturday pit business was of enormous volume, with the 6c mark for the May the principal fighting ground. Many in the trade believe that conditions at the moment do not warrant a price much, if any, covered with fruit, topped with whip- near the stove and place all kettle an under 60c, and they express willingness to buy freely at that price.

FUTURE MARKET PROSPECTS.

The whole live stock trade is in healthy condition and outlook seems to favor active markets balance of the year and early months of 1909. It takes only a few days of moderate receipts of cattle, hogs Maine Hunters Agog Over Glant of or sheep to start an upward movement of prices. This denotes a healthy undertone in the trade. Packers are absorbing hogs right along and there is nothing suggestive of largely increased supplies for the immediate future. Live pork values have fluctuated within a narrow range during the recent weeks, current prices being practically the same as two months ago. Evidently killers see a bare spot in the cattle supply on the horizon as it requires only a short period lake, and the news has set all the 057,846. Nevertheless "one person in of light marketing to stimulate keen competition among buyers. That sportsmen, native hunters and guides early months of the new year will see a scarcity in cattle is the gen- crazy to get a shot at him. eral opinion and bullish sentiment will not be downed. Everything The average size of Maine moose points to scant runs of fat sheep and lambs and in the opinion of is 800 to 900 pounds, with antlers annually distributes through its charimost traders the situation spells a good active market at remunerative spreading four to four and one-half ties £10,066,043. prices to the feeder for the balance of the winter season. The live feet, and eight to twelve points to a mutton market has been full of ups and downs during the year just good length for a bell, the apper dage cattle, 375,950 live sheep, 174,832 tons passing, but the present trade is apparently on a substantial footing. good length for a bell, the apper dage under the animal's neck. All who have of fish, 80,826,330 gallons of milk and

TRAINING THE HORSE.

The education of the horse should begin at an early age. Man spread not less than ten feet, while the in London 28,256 factories and workcan completely control the horse only at the time of its birth and to do so then by gently, but firmly, holding it in the arms as this is a lesson that will always be remembered. Greatest success in training seen first by Clarence Duffy of Oldhorses can be secured only by getting them to submit to the will of down, a guide. Duffy gave a de to be found in the parks and other county of Buchanan, state of Missouri man. This is sometimes accomplished by wisely using the whip, but tailed description of the animal when most frequently by kindness. The disposition of the horse must be he came back to town. Everybody set | theaters, 49 music halls, 261 concert a. m., for the purpose of electing di understood before it can be handled to best advantage and all horses Duffy down as the greatest romancer halls and 11 museums. There are rectors for the ensuing year or until are not alike in this respect. The youngest colt should be treated however, John Ross, a Bangor lumber-people. kindly and firmly, but not fondled.

When it is a month old it can and should be taught to lead and to do this put a quarter-inch rope around the body at the flank and the woods in vain for the big fellow. run the free end through a slipping noose made at the other end of for it would be a small fortune to the the rope and forward between the front legs up through the halter man who could bring him down. Not ring. When ready to begin operations say come to the colt and pull on the halter rope. If it will not come, give a short quick jerk to the rope around the body. When this is repeated a few times the colt will lead and it will rapidly learn that obedience is all that is wanted. Pulling on the halter and beating the colt over the head in teaching it to lead has more of an injurious than beneficial effect.

A horse is a good deal like its driver and a stubborn man tends into Maine, from some distant point ined. By the side of a lake, at the ex- south of the city of St. Joseph, in the to create stubbornness in his horse. It is an unwise, illogical practice over the border. to strike the rear end of the animal when it is wanted to stand or to back, or to jerk the reins when it is wanted to go forward. It is such treatment that makes horses of bad disposition and many valuable One in Every 33 of the 7,795,789 in animals are unsalable because of this defect. The colt should be taught to lead, to back, to step aside, when spoken to or touched, to allow its feet to be handled and at an early age, one year, can be given lessons in the harness which will be greatly beneficial.

IN WOMAN'S REALM

grated rind, juice, and pulp of the or satin waist over into a most charmsistency of thin marmalade. This will pattern. The pattern, of course, fill ten or twelve jelly tumblers. | would have to be such a one as the

Surprise Potatoes. Boil until mealy white potatoes, cavity in each ball into which drop going to throw away really has a betthree creamed oysters, cover the cavter vacation than the ash pit or the y and after making the ball as garbage can. Polish it, or take it to bund as possible roll it first in a well a burnisher, who for scarcely any beaten egg, then into cracker crumbs, drop into boiling fat which should be deep enough to cover the balls without letting them touch the bottom of the kettle. Fry to a delicate brown, thing at all, will make it look like new. Then get a nice, bright chain and fasten it to a hook in the ceiling. Attach the kettle to it and fill it with ferns or any appropriate plant. Try garnish each ball with a sprig of holly this and see what an effective thing and serve hot with oyster sauce. The it makes. It is the idea of a woma same can be stuffed with chicken or who herself has tried it

Escaloped Peas, A layer of crackers broken up fine, with bread dough; let rise until near

ne layer of peas; season with pepper, ly level. Bake as any bread, and yo salt and a little butter; then layer of will find neat, round slices with no erackers, cheese grated on top; just crust, suitable for sandwiches for Washing of Vegetables. An easy way to wash small vegeta-Take large, smooth tomatoes, cut

bles and fruits, such as beans, peas, slice off the top and remove most of rice, cranberries, is to place them in the pulp. Cut corn off the cob, mis a fine colander, place this in a large with the tomato pulp and season to basin, pour plenty of water over them. taste with salt, pepper, and sugar if water is so cold.

To Cool Butter Without Ice. Have two pans, one smaller than rebuked in public and that given in the Great World's Fair Prize the other. Into the smaller pan put private should be more in the nature to the water add two tablespoonfuls spect of a child to dra- attention to that when a child is making a publi

Kitchen Economies When baking potatoes, if after should be made to stop it. Rather crubbing them with a brush you will the child should be sent 'from the

When cooking cranberries if a obstinate mood that what is said does pinch of soda to each pint of berries not tend to improve matters but some-is added and as soon as they come to boll now that is said does a boil pour that water off, then put on fresh water, they will not require nearly so much sugar.

few children who cannot be easily managed by kindness and persuasion, provided it is administered in the nearly so much sugar.

If dried fruits are cleaned and cov- proper way.

When you have part of an egg or ing, upon the small sum to \$30,000

Brief Household Notes. Cake that is a little stale may be a hanging wire plate rack, such as is crumbed, broken into saucers and used for display in china stores. Hang

ped cream. It forms a most appetiz- saucepan covers there, smallest at top, Usually a silk or satin walst wears see at a glance which one is wanted

SPECTER MOOSE AGAIN SEEN.

All His Tribe.

man, saw the big moose.

For some years hunters searched

until 1905 was the monster seen again.

Gilman Brown of West Newbury,

Mass., got nearer to the monster than

any other hunter, and shot at him.

From all descriptions the moose is

like those of British Columbia, and

LONDON WORLD'S RICHEST CITY.

habitants Is a Pauper.

London.-Rather interesting are the

statistics on "What is London?" which to make the journey by water.

out in just one or two places, the rest and also easy to get.

the county council has just published. What is called "Administrative London" is composed of 74.816 acres of land and water. On the land live 4,795,-789 human beings; in the suburbs Bangor, Me.-Again the king of all around them another 3,000,000 make

Handy Kitchen Convenience.

One of my kitchen conveniences

Maine moose, sometimes called the their homes. specter moose, because of the weird every 33 is a pauper; 20 persons in

In one year Londoners consumed side, while eight or nine inches is 419,037 tons of dead meat, 58,735 live seen the big moose of Lobster lake, 82,162,249,000 gallons of water for however, aver that he must weigh drinking and other purposes, for which 2,000 pounds, and that his antiers water they paid £1,832,772. There are

open spaces in London, there are 53 on Monday, Jan. 11, 1909, at 9 o'clock

In one year Londoners wrote 737,-100,000 letters and 167,800,000 postal cards, in addition to which they sent J. L. FREELAND, Secretary 28,260,000 telegrams and enjoyed 145,-205,683 chats over the telephone.

In Beautiful Sepulcher. The last resting place of the great Norwegian composer, Edward Grieg, is one of the most beautiful in its nattremity of a flord, close to the composer's native town of Bergen, there is a rock, which rises precipitously from the water's edge. Here the bones of the famous musician are buried, and, as the grotto is only accessible from

the lake, the funeral cortege will have

Live While You Live. Age, in a majority of cases, never comes at all. Disease and accident make short work of even the most prosperous persons; death costs nothing, and the expense of a headstone is an inconsiderable trifle to the happy hetr. To be suddenly snuffed out in the middle of ambitious schemes is tragical enough at best; but where a Six pounds peeled pumpkin, five who has a baby to dress knows how man has been grudging himself his ounds granulated sugar, six lemons, expensive all dainty, garments for the own life in the meanwhile and say. e-fourth pound green ginger root. little one are. If she is inclined to- own life in the meanwhile, and sav-Cut the pumpkin in thin narrow wards economy and is handy with her ing up everything for the festival that strips like stirng beans. Add the needle she can make an old white silk was never to be, it becomes that hys terically moving sort of tragedy which emons, also the ginger root after be- ing little bonnet for the baby. First lies in the confines of force. The ing washed, scraped and chopped fine. the material should be thoroughly victim is dead-and he has cunningly Let all boil together until of the con-cleaned. Then it should be cut by a over-reached himself; a combination of calamities none the less absurd for being grim. To husband a favorite claret until the batch turns sour is Shirred bonnets are going to be good not at all an artful stroke of policy; umps; season with salt and white or a tiny ruching of lace serve to make cellar—a whole bodily existence!—

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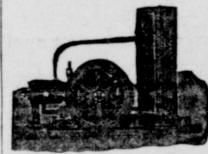
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STOCKHOLDERS' MEETING.

Notice is hereby given that the annual meeting of the stockholders of the St. Joseph Journal Publishing company will be held and convened at the office of the St. Joseph Stock London is put down as probably the Yards company in the Exchange appearance of the gray monster at wealthiest city in the world. Its prop building, situated on the property of night, has been seen near Lobster erty is insured against fire for £1,040, the last named company at its stock yards, south of the city of St. Joseph, Missouri, on in Buchanan county, Monday, January 11, 1909, at . nine every 100 die in a workhouse or a workhouse infirmary." But the city pose of electing directors of said compose of electing directors of said com transaction of such other business a may lawfully come before such meet JOHN DONOVAN, President. W. E. WARRICK, Secretary.

STOCKHOLDERS' MEETING,

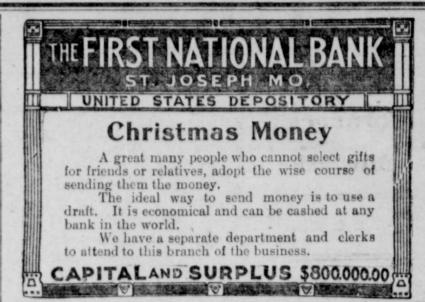
Notice is hereby given that the annual meeting of the stockholders of the St. Joseph Stock Yards Bank will be held and convened at the office of said bank, located in the Live Stock and children find employment every Exchange building on the property of the St. Joseph Stock Yards company In addition to the open-air pastimes south of the city of St. Joseph, in the ness as may come before such meet-

I. A. VANT, President.

STOCKHOLDERS' MEETING.

Notice is hereby given that the annual meeting of the stockholders of the St. Joseph Cattle Loan company will be held and convened at their office located in the Live Stock Exchange building on the property o some think he might have wandered ural surroundings that could be imag- the St. Joseph Stock Yards company ounty of Buchanan, state of Missouri, on Monday, Jan. 11, 1909, at 9 o'clock natural grotto formed in the solid a. m., for the purpose of electing directors for the ensuing year or until their successors are duly qualified and for the transaction of such other business as may come before such meeting.

I. A. VANT, President. J. L. FREELAND, Secretary,



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ed whiskey direct from the U. S. bonded warehouse. The beautiful color and aroma is natural-no artificial matter what - so ever.

is a blend of straight whiskey. The fine flavor and velvet-like smooth-

ness is the reward of years of experience.

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It takes time to properly examine this wealth of superb diamonds; it takes deliberation before finally deciding upon some superb chest of sterling silver wares, Neither does one care to purchase a costly watch upon "the spur of the mo-

Early Christmas shoppers gain not only the prettiest selec-tions, but are accorded peace of mind—something impossi-ble while a throng jostles at one's elbow.

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Felix Member Revail Merchants Ass'n

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Folding Cups and Flasks.

Abstract of Title of the City of St. Joseph

Journal Advertising Pays

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Chicago, III., St. Joseph, Mo.

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Leather Novelties. Ladies' Hand Bags from \$1 to \$20. Card Cases, all kinds, from 25c to \$4.00. Letter Cases, Bill Books, Pocket Books. Purses-all kinds. Collar Bags and Collar Rolls. Shaving Sets and Manicure Sets Toilet Sets, Dressing Sets, Bridge Sets. Music Bags and Music Rolls.

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EKODAKS KODAKFINISHING

Old Man Hornbeck's Conversion

BY C. E. G. PEABODY

It was in the spring of the year, and the wild flowers were running riot over the mesas as only the wild flowars of California can when once coaxed out by the warm spring rains. The wash, usually nothing but a sinuous streak of gleaming sand and rocky bowlders, was now raised, by the melting snows in the mountains, to the dignity of a turbulent river. Hobbling along the road like a gigantic grasspper with the rheumatism came Seth Lane, a moving blot upon a peaceful landscape.

Seth as, mud-encased, he paused before Welch and apologetically mopped his leathery face with a piece of flour Backing which, owing to the old man's you an' shakin' his head an' groanin', rigid sense of economy, did duty for a an' then walkin' on, that made you handkerchief.

"So I see," said Welch, severely. "It would seem to me that an old man

"Bin biddin' old man Hornbeck goodby," interrupted Lane, blandly. "He's job. bin livin' down there by the bend near the wash.

"On the claylands?" asked Welch, absently.

"Yes, on them claylands," chuckled the old man. "He kim up here about four months ago from the Downey country, where he had been raisin' hogs an' alfalfa, an' doin' well, too. But he thought he wasn't makin' money fast enough, so he kim up here in the citrus belt, where he could git rich in a hurry. I rather liked Hornbeck when he first kim here, 'cause he was so straightforward an' honest. faith somewhat shattered in him. But when I ain't even planted the seed him. When the meal was over he yet; so I'll git back where the trail turned to Newby, and said: starts, an' commence right!

"You see, Hornbeck, he kim up here my nose an' yellin' 'polecat!' He was real estate business, jes' like every- an' bought the land for what body else did. But like everybody else he didn't git ashamed of it an' quit little church, that you kin see down dropped a gold nugget on the plate there by them blue gums, got so poor that mornin' at church. that they couldn't afford to hire a the plate. That wasn't much, but it gave him a certain genteel standin', anxiously. an' that was what he was after.

just like a dog does a rat, an' the next be lost forever unless he allows the thing I heard was that he had sold poor man he robbed at least a portion Hornbeck his ten-acre ranch down of his ill-gotten gains! near the wash for \$5,000, which was highway robbery. Hornbeck hadn't been here long before he commenced to look thoughtful, as if he was doin' a heap of thinkin', an' I saw right away that he had something on his mind. I had a pretty good idea what it was, too, for he wasn't the first man to see a great light in this settlement. 'Seth,' said he one day to me,

Is that man Newby honest?" 'Well,' said I, 'I saw Newby's grandmother yesterday an' she still had her false teetth! But then she knew Newby before she had any use for false teeth, an' I suppose she knows enough now to keep her mouth shut when Newby is around. If it discovered gold on the Newby ranch would have them teeth!'

risin' indignation, 'if them orange trees they would find gold around there was all navels! an' he said they was.' somewhere. But what tickled me was but did Newby say anything about enough to keep it still an' git Newby look like the Washington navel?"

he raised ducks!

by say anything about them ducks be- like a man goin' to his own funeral. In' Pekins, what git along better with- But what worried me was Hornbeck

put water?"

all the money that I have is in this is no tellin' where he is goin' to ranch, an' I can't afford to lose it.'

graspin' the situation! Newby has bin for every time that I tried to speak tryin' to unload that claybank on some to Hornbeck about it, and tell him not pne for the last ten years! Now there to make a fool of himself, he would ain't but one thing for you to do. You commence greanin' an' keep it up till can't expect to stay on this ranch I left him in disgust.

"'But I can't do that,' said he. T never beat a man in my life, an' I'm too old to commence now.'

"Well, about two weeks later I saw Hornbeck again, an' he drew me aside

"'I've bin thinkin' the matter over, Seth, an' I've about come to the conclusion that I have been denyin' myself the consolation of religion in my old

"Well, I laughed, an' laughed, an' laughed, an' then I commenced an' laughed all over again, for Hornbeck had a reputation for free thinkin' that had followed him and extended over three counties.

"'What's the joke?' said I, thinkin' that the real laugh was yet to come. "'There ain't no joke,' said he, as solemn as an owl. Tve seen the error

of my ways, an' henceforth I walk the straight and narrow way.' "'Well,' said I, 'If you hold on to

that ranch you will need all the religion you can git!" "Well, sir, in spite of what he said

to prepare me for what he knew would be an awful shock, you could have knocked me down with a feather when I heard that he had been to church. You never saw such a change come over a man in your life as came over Hornbeck when he got religion. Before that he would laugh an' joke 'Bin rollin' in the mud," said old an' tell a funny story with the best of us. But now he went around with his mouth droopin' down like a rainy moon, an' he had a way of lookin' at feel like askin' who was dead. Next to Newby he was the biggest walkin' tombstone around here, an' I saw that Newby was gittin' a little nervous for fear that Hornbeck was after his

> "Well, one Sunday I was comin' along the road, havin' bin huntin', when I met Hornbeck an' Newby on their way home from church.

> "'Seth,' said Hornbeck, 'we are about to feed the inner man after a feast of the soul down at the church under the beautiful guidance of Brother Newby. Will you fine us, an' while we eat chicken listen to the beautiful thoughts that flow so gently from the lips of our dear friend an' brother?'

"Well, that word chicken caught me, an' I went along. Mrs. Hornbeck has a reputation for cookin', an' I knew I Why, he is the only man I ever trusted that Newby didn't want me along, so in my life to buy my terbacker! There I went just to spite him. Well, sir, kim a time, however, when I had my Hornbeck was very quiet during the here I am tryin' to husk my pun'kins thing on his mind that was worryin' meal, and looked as if he had some-

"'Brother, I have had a terrible weight upon my soul ever since I lookin' for an orange ranch an' Newby jined the church an' saw the blessed got hold of him. An' when Newby gits light, an' I fear for the welfare hold of a man you kin bet that some- of a dear friend of mine. I know body is gittin' experience an' that it he means all right now, no matter ain't Newby. When that man Newby what his intentions may have been comes around me walkin' on his toes in the past; but he is in doubt like a cat, an' smellin' of hair oil an' how to make the proper retribution. cussedness, I always feel like holdin' Some time ago this man discovered gold on the land of another. Now, inan undertaker before the boom struck stead of makin' his discovery known the country, an' then he went into the to the owner, he concealed the fact

worth for farmin' purposes.' "I saw Newby set up with a sudden when the boom busted, but hung on start an' turn kinder green an' white like the toothache when you are 40 around his gills. But I didn't know miles from a jawsmith! An' when the at that time that Hornbeck had

"'Was it wrong for him to secure preacher, Newby volunteered to fill this land with the secret knowledge the pulpit for what he could find on that he possessed?" asked Hornbeck, leanin' forward an' lookin' at Newby

"'Wrong?' gasped Newby, holdin' "Well, Newby nosed out Hornbeck up his hands in horror, why he will

> "'I'm in doubt, in doubt!' said Hornbeck, with a groan.

"'He's lost if he doesn't!' exclaimed

"'He's a dern fool if he does,' said I, "Well, sir, for more'n four weeks every time that Newby would send the plate around Hornbeck would groan an' drop a gold nugget on it. An' every time that he done it Newby would twist and squirm an' try to look pleasant, but he made a mighty poor job of it. I'm hanged if I didn't git in the habit of goin' to church every Sunday just to see Newby squirm.

"Well, I saw the whole thing then, just as plain as day. Hornbeck had wasn't for that, I'm bettin' that Newby | before he bought it. It didn't surprise me much, for it lays up agin the "'I asked him,' said Hornbeck, with mountains, an' I've always said that 'So they be,' said I, with a chuckle, the fact that Hornbeck was cute them bein' Australians trimmed in to let the place go under the impression that he was sellin' it to a sucker. 'An' I asked him if the water right | Well, sir, when I really grasped the was a good one!' shouted Hornbeck, situation I laughed till I thought I An' he said that it was just as good would bust! An' every time I saw right as my neighbor had, and that Newby I would hold my sides an' laugh agin. An' then Newby would shake 'So he does,' said I, 'but did New his head an' groan, an' then pass on gittin' religion, for when a man gits 'Seth,' said he, kinder solemn-like, religion as bad as Hornbeck did there break out at. I saw that Newby's 'Hornbeck,' says I, 'you're stuck, game was to work upon Hornbeck unan' there ain't no use denyin' it. til he made him think that it was his Everybody around here knows it but duty to give the ranch back, an' I you, an' it was time that you was couldn't see no way of headin' him off,

an' make a livin'. You'd have to put | "Well, sir, the way that Newby went more in it than you could ever dream at Hornbeck was beautiful to see. He of takin' off. Now what you want to preached a series of powerful sermons to is to slick this place up, put a gilt- on 'The Curse of Wealth,' Legal Disedge polish on it an' sell out to the honesty' an' 'Moral Theft;' an' every Brat tenderfoot sucker that comes one of them was aimed straight at

around on his seat, An' never once did he miss droppin' a gold nugget on NONE ABOVE \$10,000 the plate, an' once when the sermon was extra powerful I saw him drop

"Well, yesterday Hornbeck looked me up an' asked me to come up an' take dinner with him. Newby wald be there, he said.

"'All right,' said I, 'I'll come to oblige you; besides, it would be a shame if you had to throw away any of that chicken!'

"Well, sir, what I saw an' heard there nearly took away my appetite for chicken. We hadn't got more'n fairly started before Newby commenced to worry Hornbeck by insiduatin' that his mansion in the skies had a mortgage on it, an' that it would be in. I set right across from Newby, an' I managed to git in one good kick on his shins, but he kept them out of there an' eat chicken, powerless to help myself. Well, finally Hornbeck broke down an' commenced sobbin' Ifke a child, while I felt like wringin' that miserable Newby's neck. I made up my mind that I would do it too, just as soon as the chicken was all

"Oh, brother, brother, sobbed Hornof my life workin' among them poor | size. lost souls down there. I might be alpage of my life! Oh, if I hadn't found If I hadn't found it!"

'Well, now that you have found hang on to it.'

neck! If I was only free I would glad- cates. 'Brother,' said Newby, as if struck by a sudden thought, 'why not sell the

cause of religion.' "Brother,' sobbed Hornbeck, seizin' 'if you would it would make me the

happiest man on the face of the earth! I feel it in my heart that it should belong to you of all persons!' "'About the price, brother?" asked

Newby, with a purr of satisfaction. "'Well,' said Hornbeck, with a deep know, an' I have made some improvements. Say \$5,500, an' I will be free to move to the Downey country an'

"'See here, Hornbeck,' I began, when Newby cut me short.

save souls.

shouted. "'Seth,' said he, earnestly, I would prefer to have this ranch pass into the hands of a godly man. If you would jine the church, an'-

'I'll give you-"'Draw up the papers, brother,' said he, turnin' sadly to Newby, 'the tempter is abroad an' I may fall.'

"Well, sir, I'm derned if that miserable Newby didn't have a deed all ready drawn with the exception of the price! I grabbed my hat an' was leavin' in disgust when Hornbeck asked me to remain an' take his acknowledgment. I'm a justice of the peace, you know. I refused at first, but he said he would give me a dollar if I would. an' as I knew that it would be my only chance to git any of the derned fool's

money I consented. "'For the last time, Hornbeck,' said I, as I took up the pen, 'I'll give you-' "'You're a man of sin!' groaned

Newby. "'Turn from thy evil ways an' see the blessed light!' groaned Hornbeck,

"That settled it! I took the dern addle-pated idiot's acknowledgement,

for Hornbeck, with all his household just turnin' on the main road on his

"'Seth,' said he, as we shook hands, than you have any idea of. Giddap!' "'No, thankee,' said I; 'I've seen too

many horrible examples to do like "Just then Newby come runnin' up, all out of breath.

"'Brother Hornbeck! Hornbeck!' he cried in his thin, squaky 'Whoa!' said Hornbeck, pullin' in

his horses; and then seein' who it was,

'Good-by, brother, put thy faith in the Lord an' be happy! Giddap!' 'But, Brother Hornbeck! Brother Hornbeck!' cried Newby, runnin' alongside of the wagon, 'what was it -that is-you know-what was it you

"'Found that I had been beat, you miserable scoundrel!' roared Hornbeck. 'Giddap!'

"Well, sir, when it dawned upon me that Hornbeck had been simply work in' Newby to unload the ranch upon him, I fell right down in the middle of the road an' rolled an' laughed, an' laughed an' rolled. That's how I kim to be so muddy. An' while it ain't for me to criticise, not bein' a church seem to me that Newby, when he stood there in the middle of the road shakin' his fist at the disappearin' Hornbeck used language that was not becomin for a man who is supposed to adminis of the trees by means of a torch raised ter to the spiritual welfare of the peo on a pole, it has been impossible to ex-Hornbeck, who would twist an squirm | ple in this here settlement!"

THAT IS BILL OF LARGEST DE-NOMINATION ISSUED.

Not to Exceed Two or Three of These

Notes in Circulation in the

United States-National

Bank Currency. largest denomination issued in the morning. United States? Careful now that you

don't overdo it. The largest bill is for only \$10,000, and there are only two kinds of notes sleeve, answered, stoutly just as well to lift it before he moved that are as large—the United States note and the gold certificate. Not keeps double entry jes like all the only this, but probably there are not storekeepers hereabouts, I reckon, and to exceed two or three of these \$10,- I never overcharges." the way after that, an' I had to set | 000 United States notes in circulation. 000 of the gold certificates of the de- entry bookkeeping, Jim?"

> ful, as against 50,000 of the \$5,000 gold shock of whitening brown hair. certificates. It should be remembered

sands. This \$1,000 note, largest of the again. There-ain't that simple?" national bank bills, also is largest of it,' said I, in disgust, 'you had better | the silver certificates and of the "coin" certificates of 1890. A treasury report 'Why don't you go down to the of 1904 shows the comparative num-Downey country an' carry the light to ber and kind of the \$1,000 bills. In that the poor lost souls?' asked Newby, year these \$1,000 were distributed 24,watchin' Hornbeck as a dog does a 683 in United States notes, 432 in treasury (or coin) certificate notes, 24 "'I can't,' he groaned. 'This ranch of national bank issue, 57,449 in gold hangs like a millstone around my certificates, and 108 in silver certifi-

The \$500 bill runs through all these classifications save that of the "coin" issue of 1890. Thereafter, in notes, ranch? I would buy it myself if I there are the \$100 note, the \$50, and thought it would further the blessed the \$20 notes, through the five classifications of the currency. Under \$20 however, there are no gold certificates. hold of Newby's hand an' wringin it, The smaller bills in the other lists are the tens, fives, twos, and ones with which most of us are reasonably familiar, bn occasions at least.

The \$10 United States note, with the bison ramping across its face, is the commonest of the \$10 bills, next to which among the tens is the national sigh, I gave you \$5,000 for it, you bank note, with the \$10 silver certificate third in number. The national banks are strong on the twenties, too, while having only a comparative handful of ones and twos.

As to the gold coinage the current list includes only the \$20 piece, the "'You're a man of sin!' said he, \$10, the \$5, the \$2.50 piece, and the Louisiana purchase exposition gold "'I'll give you \$6,000, Hornbeck!' I dollar minted in 1902. Beware of imi-

> High Praise for Lauder. She was high-browed and soulful, lar Mechanics. given to the Ibsen cult and grand opera in its grandest manifestations, hence it was with considerable misgiving that the young man took her to see Harry Lauder.

"He is the greatest singer of his kind in the world," the youth had ex- evolves itself and ever has been and plained volubly. "Competent critics ever will be a graded one. The great have said that only once in a decade does such a singer appear," etc., etc. And she had graciously consented to look Harry over.

After the Scotchman's first song the young man glanced apprehensively at

the young lady. apparently in the seventh heaven of

enjoyment "This," she said solemnly, "is art!" worrying and devoted himself to thor- in a third of such cases the doctor is ough enjoyment of the show.

Japanese Story Tellers.

"Though the Japanese are a nation of readers," says a traveler, "they "Well, this mornin' I went up to bid love, also, to listen to the tales of him good-by an' collect the dollar that the professional story-teller, who is he owed me. I wasn't any too soon, quite an artist in his way. The lower sort of story-teller may be seen seatgoods loaded on a lumber wagon, was ed at the street corner with a circle of gaping coolies around him. The higher class form guilds, who own special houses of entertainment, called 'yose,' 'fine the church! There's more in it and may also be engaged by the hour to amuse private parties. Some storytelling is rather in the nature of a five-cent magazine. The man sits with an open book before him and expounds it, and dilates upon it-the story of the 'Forty-seven Ronin,' perhaps, or the Chinese novel of the 'Three Kingdoms,' or an account of the Satsuma rebellion, or one of the old wars of the Taira and Minamoto families in the middle ages. When he he emphasizes it by a rap with his slim, flerce looking hogs that roamed fan or with a little slab of wood kept at will over the country. At length he by him for that purpose."

Ceylon's Venomous Caterpillar. Word comes of the bad effect on the population of Ceylon of the trees planted in the streets to shelter the people from the pitiless rays of the Indian backs."

The trees it was thought would bring comfort. When they grew up they certainly did afford grateful shelter, but a certain green caterpillar also made them its home. The insect not only destroys the foliage, but it frequently drops down upon those member in regular standin', it did passing by, stinging the unlucky person. The sting is as venomous as that Times. of the wasp. The worst sufferers from

the pest are the children. In spite of the burning and smoking of the trees by means of a torch raised ety drama?" terminate the caterpillars.

DOUBLE ENTRY AS HE KNEW IT. Jim's Simple System That, Strange to Say, Caused Discontent,

Jim Saunders, the veteran oyster dealer of the village, was mad. His honesty had never before been impeached. He stood in the open doorway of his one-room shanty down near the station, catching each passer-by in turn and pouring into his ear a rehearsal of his woes. The country doctor was the nineteenth by actual count Ask yourself what is the bill of who had passed that way since early

Jim drew himself up proudly and wiping the tobacco juice out of the corners of his mouth with his coat

"'Tain't, doctor-'tain't that.

The doctor smiled quizzically. At a guess there may be 12,000 to 15,- "What do you understand by double-

Jim stared at the doctor, astonished There is a \$5,000 United States note his big slothful brown eyes opening of which there may be only a hand wide as he ran his hand through his "Well, do tell, doctor, don't you

that any national bank note of the know? An' you a college man! Why, \$5,000 and \$10,000 denominations that man, it's jest as simple as rollin' off a beck, 'if I hadn't found it! If I hadn't may be put up to you are rank coun- log. A man comes along and asks found it! If I could only git down to terfeits, for the reason that the na- fer orschers, and you gives 'em to 'im, the Downey country an' spend the rest | tional bank isn't allowed notes of such | and ef he don't put the money down on the counter, then, you charges him The national currency and the notes up in the book for 30 days. Then ef most happy an' forget the dark, dark of the national banks, however, num- he don't pay up in 30 days, or, say, six ber the \$1,000 notes by tens of thou- weeks, you puts him down in the book

DEW PONDS OF THE ANCIENTS.

Description of Prehistoric Method of Obtaining Water Supply.

One of the prehistoric methods used in securing a water supply in sections where it was impossible to secure it from natural sources, or where it became necessary to live on elevated territory for defense was by the construction of dew ponds. These dew ponds were made by hollowing out the earth for a space far in excess of the apparent requirements of such a pond, then thickly covering the whole of the hollow with a coating of straw. The straw in its turn was covered by a layer of well chosen, finely puddled clay, and the upper surface of

the clay closely strewn with stones. Such a pond will gradually become filled with water, the more rapidly the larger it is, even though no rain may fall. During the warmth of a summer day the earth will store a considerable amount of heat, while the pond, protected from the heat by the nonconductivity of the straw, is at the same time chilled by the process of evaporation from the puddled clay. The consequence is that during the night the moisture of the comparatively warm air is condensed on the surface of the cold clay. As the condensation during the nights is in excess of the evaporation during the day, the pond becomes, night by night, gradually filled .- Popu-

The American Medical association, our highest medical authority, has never attempted to establish an ethical fee. In point of fact, the fee bulk of practice is practically charity -that is, it represents small fees or no fees. This is true alike in the remote country districts and in the great metropolitan centers. There is one difference, however, which should be distinctly remembered, and that is Her eyes were half-closed; she was that rural charity is generally deserved, whereas urban charity is often misplaced. It is stated that practically 33 per cent. of the entire practice Thenceforth that young man ceased of New York city is charity, and that imposed upon .- North American Re-

Insurance Gambling. A system of gambling in ships by persons who take out policies of insurance on British vessels in which they have not the slightest ownership has become so prevalent that the govarnment is determined to . suppress the practice, if possible, and thus put a stop to a form of speculation which, if not in itself criminal, is held to be conducive to criminality. The London board of trade has also taken up the matter and will bring all the pressure possible to bear in aid of the efforts of the authorities. As a first step, it has invited a conference of shipowners, underwriters and others to consider the matter and to take such action as may be feasible.

An Improved Variety. The traveler exhibited a peculiar

comes to some particularly good point nervousness on seeing the long-legged. asked a native sitting on a fence by the roadside:

"Aren't these razorback hogs rather dangerous?" "I never heard of none of them doing any harm," remarked the native. "I think they must be safety razor-

One Guess Only. What did he ever see in her?

asked one "What did she ever see in him?" asked the other Which of these two was the woman

and which the man?-Kansas City

The Ingredienta. "What constitutes a first-class soci-

"Three acts, six gowns, and nine Apigrams."-Washington Herald.

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FARM SCIENCE

Continued from Page One.

soil, and to aid in devising scientific insect.

In the course of this survey the al- States from prospective danger. In the course of this survey the alliproblem has been solved. The Hawaii has introduced natural ene-

much extended throughout the coun- ance and advice, as well as for men So great has been the demand to carry on similar work. for cowpea, velvet bean, and crimson clover seed in the south that the SAN JOSE SCALE IN RENO. farmers have been unable during the last two years to secure a sufficient quantity, even at very high prices.

Vegetable Pathology.

Plant diseases have been suppressed and avoided during the period unHutchinson, Kan., Dec. 23.—The known editor of Hoard's Dairyman, mining industry.

dreds of thousands of dollars annual- the pest. the best varieties of pears in many do untold injury to the orchards of I certainly think Mr. Hoard is over the parts of the country, including \$5, the country." parts of the country, including \$5,- the county."

nia, has become effective.

A new spray self-boiled lime-quibe safely used in spraying peaches for the control of the brown rot, a disease which has destroyed annually from 15 to 30 per cent of the peach who keep comparatively little live crop. This mixture is also a valuable the earliest and most successful venstock. The production of hay in the general epray, as an insecticide, and was that of strawbarry raising. This

on live stock farms have been applied.
Studies of weeds have resulted in discoveries that enable the farmer to destroy such serious pests as Johnson grass and quack grass at comparative
stroy or the brown rot of cabbage, turning season. Strawberry is best adapted to soils of a somewhat sandy character, still some high yields have been secured proper amount of bedding is used, to the seats are now being placed in the grass and quack grass at comparative
strawberry has been most such that the pasturing season. But I cannot believe it is ever cool and of numerous other bacterial discoveries that enable the farmer to desays of crops; the withertip and orange blight of citrus fruits, two discoveries that enable the farmer to desays and quack grass at comparative
strawberry has been most such that the pasturing season. But I cannot believe it is ever cool and of numerous other bacterial discoveries that enable the farmer to desays of crops; the withertip and orange blight of citrus fruits, two discoveries that enable the farmer to desays of crops; the withertip and orange blight of citrus fruits, two discoveries that enable the farmer to desays of crops; the withertip and orange blight of citrus fruits, two discoveries that enable the farmer to desays of crops; the withertip and orange blight of citrus fruits, two discoveries that enable the farmer to desays of crops; the withertip and orange blight of citrus fruits, two discoveries that enable the farmer to desays of crops; the withertip and orange blight of citrus fruits, two discoveries that enable the farmer to desays of crops; the withertip and orange fruits and the first of the year not only the amphitheater but the and of numerous other bacterial discoveries that enable the farmer to desays of crops; the withertip and orange fruits and the first of the year not only the amphitheater but the analysis of the pasturing season.

The strawberry has been most suits of the pasturing season.

The strawberry has been most suits of the pasturing season.

The straw

new crops to the dry regions. It seems probable that as a part of this class of insects has received the greatest attention. The a half billion acres of dry and arid land will be made available for agriculture in the course of time. The last ten years have witnessed a remarkable exodus of people from the eastern parts of the country to the limited and projects, and in the countrest attention. The using fine gravel in the demonstration of the result of the infusion of this blood into the range down with a trowel, but using a wood-trick are undoubtedly adapted to this crop, at least those where other fruits can be grown.

City, Denver, Boulder, and Longmont, in the eastern districts, and in the countries of Mesa and Montrose, on the western slope. Many other districts are undoubtedly adapted to this crop, at least those where other fruits can be grown.

Then the projects, and in the countries of Mesa and Montrose, on the western slope. Many other districts are undoubtedly adapted to this crop, at least those where other fruits can be grown.

Then the bugbear of coldness was in section of the infusion of the result of the infusion of this blood into the range down with a trowel, but using a wood-the west. The display of breading stock will also be unusually large and of high quality, and the less slippery than any plank floor and the limited and projects.

Then the eastern districts, and in the countries of Mesa and Montrose, on the western slope. Many other districts are undoubtedly adapted to this crop, at least those where other fruits can be grown.

The varieties best adapted to Colorate the country to the limited and planks.

Then by using fine gravel in the countries of the west. The display of breading the surface down with a trowel, but using a wood-the west. The down with a trowel, but using a wood-the west. The down with a trowel, but using a policy of the west.

Then the eastern districts, and in the countries of Mesa and Montrose, on the west. The down with a trowel, but using a policy of the west.

Th

engineering plans for the management of farms on each class of soil and each utilizing the natural enemies of injurberries. Such land may cost from the mining work of the federal governagricultural region. The survey has lous insects and in introducing into \$150 to \$500 or more per acre, if im- ment without duplicating work alagricultural region. The survey has now covered 150,000 square miles in all parts of the United States beneficial insects of area than the dotal land area of Great Britain and Ireland, or of Japan. It of tobacco in the gulf states, it has packing industry. Parasites of the able land may yield from 200 to 500 ogy of the industry, including, on the made marked progress in the stand-gipsy moth and of the brown-tail crates per acre, and as high as 800 one hand, studies relating to the exardization of soil descriptions, and it moth have been introduced which bid crates have been taken from this ploitation and utilization of mineral sachusetts, has introduced a bill dehas brought close co-operation be- fair to relieve New England from the area in a single season. An average products, and, on the other hand, claring the rights of Congress to leg-

rise of alkali to the surface had caused the abandonment of wide areas of which have relieved the sugar-cane leafhopper, acre of strawberries, commercially, in Colorado, is about \$100 to \$125. Some land in the belief that when once it erop of that territory from an im- growers consider that in ordinarily geological survey's work since its orhas appeared no further use can be mense burden. Successful experi-good years about one-half of the reganization, so that the whole question made of such lands. The department ments for handling the parasites of turns is profit. Well managed plan-resolves itself into the matter of makhas demonstrated in widely separated the Hessian fly promise to be of great tations commonly bring \$500 an acre ing adequate provision for the other the state of Colorado today who are districts in the arid west that the revalue to the wheat farmer. An egg for the crop, and this is often exceedclamation of areas unproductive on parasite of the imported elm leaf-beed under especially good care. With

Much attention has been given to studies of the cattle tick and its allies ries. the study of soft bacteriology, and im- have resulted in developing a system In estimating the cost and profits in tered as well as along other techno- town woman, says Mary Rausch in proved strains of nitrogen-fixing bac- of cultural rotation which enables this business it must be remembered logic lines without duplicating or over- Colorado College notes. Many women teria have been developed and widely cattlemen in tick-infested localities to that the first crop cannot be harvest- lapping the work of other branches are not willing to use poor, slow method; when the condition of the survey.

able means has been incessantly carried on by the department, the experiment stations, agricultural colleges, and by private publications. The image of the people have the plants are turned under and some the made in investigations carried on late forage or truck crop is planted, which is the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods, and do almost everything else that was needed in the mittens and hoods and hoods everything else that was needed in the mittens and hoods everything else that was needed in the mittens and hoods everything else that was needed in the mittens and hoods everything else that was needed in the mittens and hoods everything else that was needed in the mittens and hoods portance of the cover crop to prevent causes of the widespread hook-worm winter erosion and to hold the humus disease and remedies therefor. Measand fertile elements of the soil for the ures founded upon these discoveries the dry winters. But as this is a matter which is not likely to continue into the work, but this practice is no long-ter which is not likely to continue into the work, but this practice is no long-ter which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work, but this practice is no long-term which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not likely to continue into the work which is not l

of erop rotation and farm manage- In work concerning injurious in- strawberry raising in the hands of by itself, is inappropriate for a bureau but more and better management is The utilization of leguminous sects, the United States has been a the careful grower appears especially that would conduct only a part of the needed in the housekeeping of today plants for enriching the soil, such as leader among nations. Other countries good. alfalfa, clover, and cowpeas, has been have appealed to this one for assist-

Get Rid of It.

der review in a far greater degree than ever before. A true science of plant pathology has been founded and orchard of Fred L. King, northwest or time ago I noticed that he looked very thoughtful. He was walking the discovery of the causes and treat- of Yaggy, and it is feared it may have on the cement floor that the cows ment of diseases has led to many im- gotten a start in other orchards in stand on and looking at it, writes T. provements in mechanical methods of the country. Prof. Dickens of the B. Terry of Ohio. utilizing fungicides. Still greater ad- State Agriculture College at Manhat- It seems to me an ideal floor. It is vances have been made in the direction of plant sanitation, and improved to give good, wholesome, simple food ator Dolliver of Iowa, who heads the to give good, wholesome, simple food to her abild for the first ten or fifteen

the work of the department and the may have the scale in their orchards ing something of the kind to friend courage rural schools of the country. experiment stations yields a more di- because the trees where it was found Hoard. rect cash return than this.

Overcoming and Avoiding Diseases.

A method of spraying trees has been devised which effectively pre
because the trees where it was found was found were purchased by Mr. King from a cold bed for the tender udder of the spring, 1907, and the same nursery is cow. If I were going to put one in my barn I think I would have a plank corelated with the agricultural coldinary.

ly. The peach-twig blight or gum disease of the peach, in California, is a disease which caused great loss of a reporter. "The orchard interests in many sections."

We must get rid of this pest in now using them with equally good remaking better and more scientific farmers.

The peach-twig blight or gum disease which caused great loss of a reporter. "The orchard interests in many sections." peaches in that state, but a method are rapidly becoming the most im- Hardly a large barn is built where for its control has been discovered. portant in the county and it would they are not put in. Out of the hun-The nature and method of control of never do to let the San Jose get a dreds of letters we have received durthe disease known as "little peach," start. I hope that all who bought ing the past few years from those who which has threatened to destroy the trees of this Wichita nursery in the were induced to try them not one peach industry of Michigan and west-ern New York, has been determined. spring of 1997 will inform Mr. Under-single man, so far as I can remember, wood of the fact, so that their has ever complained of garget trou-A method of controlling the pear orchards may be inspected and spray- bles caused by the coldness of the blight, a disease which has destroyed ed. Unless the pest is checked it will floors.

-has been discovered which may Earliest Fruit Growing Ventures State Were in Straberries.

south has increased greatly where is effective in the treatment of San this work has reached. Improved Jose scale.

was that of strawberry raising. This plant has been found adapted to irri-

Insect Pests.

In Colorado, and during later years the supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of soil moisture to adapt later years the supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of soil moisture to adapt later years the supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of soil moisture to adapt later years the supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of soil moisture to adapt later years the supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of this production of this supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of soil moisture to adapt later years the supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of soil moisture to adapt later years the supply has come far from supplying the home markets. The most extensive growing of strawberries has been done in the regions near Canon conservation of the supply has come far from supplying the home markets. The most extensive growin

cultivation, is rapidly becoming one of considerable agricultural import
The discovery of the original home ties have been and are being tried. The Bederwood has been grown more ure. ance under the guidance of the de- of the San Jose scale in China by a extensively in the Canon City region

account of the presence of alkall is the has been brought from Europe. the exception of harvesting, one man The value of these investigations has how they can make housekeeping Within the period under review can tend about five acres of strawber-

B. O. LONGYEAR,

Editor of Hoard's Dairyman and T. B. Prof. Dickens Warns Orchard Men to Terry Differ as to Effect on Cows.

vents the bitter rot of apples, a disease which has caused in one year a
loss of over \$10,000,000.

A simple and effective method of
preventing peach-leaf curl has been
discovered which already saves hundreds of thousands of dollars annualdreds of thousands of dollars annual
ease which have a plank or over it for the cown to lie on."

I was surprised at this statement from the governto over \$10,000,000.

I was surprised at this statement from the government.

He has in mind a plan of enabling or outly that spring humorous."

The company came, and, with a few man. We have used this floor for quite a number of years for cows, without any trouble, practically. Hundreds of thousands of dollars annual
dreds, yes, thousands, of others in hyboard have a plank or over it for the cowntry, which despite a corelated with the agricultural colleges of the country, which deeps to orelated with the agricultural colleges of the country, which gers or in the country with a few or some from the government.

He has in mind a plan of enabling or outly it for the cowntry with a few corelated with the agricultural colleges of the country, which gers or in the country with a few or some from the government.

He has in mind a plan of enabling or outly it for the country with a few or intended to announce to his wife the country with a few or intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or intended to make a plan of enabling or or some of his men may wate an intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or intended to announce to his wife the country with a spring or

000,000 worth of orchards in Califor- COLORADO STRAWBERRIES, station, but I am sure there was some DENVER FAT STOCK SHOW. mistake, that there was some other cause, and it is the surety of long ex-

perience. It must be about twenty years since the writer began pushing the cement Fort Collins, Col., Dec. 23. Among mors, if properly built and used.

How surely they would have comthis work has reached. Improved goes scale.

Among numerous discoveries are put into practice. The principles into causes and the methods of convolved in planning cropping systems trol of the brown rot of cabbage, turbellist and the discoveries are been selected. And, although the first of the year pecially when the right varieties have been selected. And, although the first of the year plained if they had found any trouble. The floor is cool; so is the ground durbeen selected. And, although the first of the year plained if they had found any trouble. The floor is cool; so is the ground durbeen selected. And, although the first of the year plained if they had found any trouble. The floor is cool; so is the ground durbeen selected. And, although the first of the year plained if they had found any trouble. The floor is cool; so is the ground durbeen selected. And, although the first of the year plained if they had found any trouble. The floor is cool; so is the ground durbeen selected. And, although the first of the year plained if they had found any trouble. The floor is cool; so is the ground durbeen selected. And, although the first of the year plained if they had found any trouble. The floor is cool; so is the ground durbeen selected. And, although the first of the year plained if they had found any trouble.

eastern parts of the country to the insects on citrus trees have been so western, especially to the dry part of western, especially to the dry part of the great plains. This vast region, a large number of orchards of great tively few are grown on a commertively few are grown on a commertively few are grown on a commertively few are grown on a commercial against state. The varieties best adapted to color rado are not necessarily those that succeed in other regions. Comparatively few are grown on a commercial against state. The varieties best adapted to color rado are not necessarily those that succeed in other regions. Comparatively few are grown on a commercial against state. The varieties best adapted to color rado are not necessarily those that succeed in other regions. Comparatively few are grown on a commercial against state. cial scale, although numerous varie- And then many farmers want to turn

farm-management schemes which pay ago, but in the meantime the efforts some extent climatic conditions, may of the mining industry by the governbest. The object of the survey, therefore, has been to find the proper soil
for the crop, the proper crop for the gentle slope which is adapted to other and legislation was suggested with a May Be Declared Subject to Interstate

useful in the inoculation of the various leguminous crops to increase their accumulation of nitrogen.

Instruction in the conservation of the soil and its fertility by all available means has been incessably carone of the most emphatic teachings and contained in the most emphatic teachings and the most emphatic teachings are contained in the most emphatic teachings and the most emphatic teachings are contained in the most emphatic teachings and the most emphatic teachings are contained in the most emphatic teachings and the most emphatic teachings are contained in the most emphatic teaching are contained in the most emphatic investigations that relate to mines and The day will come when the housemining, and recommendation was keeper must know the easiest and therefore made that legislation establishing a new bureau should provide Ninety-five per cent of the food we CEMENT FLOORS TOO COLD. lishing a new bureau should provide eat is prepared by women. a "bureau of mining technology." must be used in planning foods for Such a bureau would supplement, people in the house, and a mother along purely technologic lines, the should know how important it is to geologic work of the survey, and the have suitable food and to have it well two bureaus could co-operate in inves- cooked. We study the needs of ani-When ex-Governor Hoard, the well-tigations carried on in behalf of the mals in our barns and in our public

AID FOR COUNTRY SCHOOLS

Dolliver Plans Government Extension of Agricultural Education.

ments in the environment of plants day and Tuesday, under his direction, a wooden floor. It is in as perfect committee on education and labor of to her child for the first ten or fifteen as well as in the plants themselves to rid this orchard of the pest by condition today as when built, practihave increased production, both in means of a spray of lime and sulphur. cally. The wear seems to be almost duction of a bill to inaugurate a good stomach for the rest of the senate, is considering the introduction, both in means good health, good teeth, and a quantity and in quality. No part of it is feared that other orchard men nothing. I was enthusiastically sayscheme of government to aid and en-Just how such a law can be devised

dreds, yes, thousands, of others are theoretical agriculture, with a view to

Small Daughter-It's most school time and I've mislaid my geography. Cultured Mother-Well, tell me what the lesson is about and I'll write out the answer for you to learn.

Small Daughter-The lakes of Africa, Cultured Mother-Um-er-if you've divorce from his wife because she was mislaid your geography, you careless a baseball player?" child, you can just hunt till you find

Big Amphitheater Completed and Everything Ready for the Event.

Denver, Dec. 23 .- With the opening of the fourth annual exhibition of the National Stock Show on January 18, Denver expects to take the front rank as one of the great live stock shows stroy such serious pests as Johnson grass and quack grass at comparative-ly little expense.

A practice highly important to the causes of heavy losses. The wilt discounts for increased yield. In this counts for increased yield. In the counts for increased yield. In the counts for increased yield. In the counts for increased yield. In those and the cransers where the counts for increased yield. In the culture, early plowing and the present the counts for increased yield. In the present the counts for increased yield. In the counts for increased yield. In the present the present the regions where the regions where the regions where the apple succeeds best. Strawberry grown in the regions where the apple succeeds best. Strawberry serving has been most successfully grown in the regions where the apple succeeds best. Strawberry grown has been largely practiced in the facts with us bear out this view.

Governor Hoard told of using baled shavings at cost of \$4.00 a ton for bedding. These make a nice bed, but are readily misplaced. We have used straw freely for bedding. I should think the shavings would be better.

When the institute work first began and farmers were shown the matter the cause of the seats are now being placed in the facts with us bear out this view.

Governor Hoard told of using baled shavings at cost of \$4.00 a ton for bedding. These make a nice bed, but are readily misplaced. We have used straw freely for bedding. I should think the shavings would be better.

When the institute work first began and farmers were shown the matter the cause and instance of the seats are now being placed in the facts with us bear out this v wheat culture, early plowing and thoroughly preparation of the seed become much more extensively practiced than formerly.

Dry Farming.

Dry Farming bas come to be recognized as an important factor in our future agricultural progress. Much useful information has been accumulated to determine the conditions under which crops may be successfully.

Insect Pests.

Old varieties will not grow.

Investigation of the causes of decay of timber and the methods of proventing in ordinary seasons, a remunerative work first began and farmers were shown the manual farmers were shown the farmers were shown the farmers were shown the farmers we

looking forward to the event with unusual interest. Western stockmen are accustomed to gather in Denver for the winter and while the national partment and state experiment sta- learned expert of the department and than any other and it is still the lead- WORK IN MINING TECHNOLOGY, convention of stockmen is not to be the introduction of its natural enemy ing commercial sort there. Captain The director's report sets forth a held here this year all the stockmen into this country was an achievement Jack and Jucunda are most common- matter of some interest in connection are coming to give their attention to Soil surveying was begun by this of note, but the economical use of ly grown in the Denver and Golden with the proposal to establish a new the big show and the big banquet department nine years ago. The rea- sprays has rendered the attempted es- regions, while farther north the Sen- mining bureau. Last January, at the that will be held during the week at son for this work is the fact that each variety or strain of crop produces its best in some certain soil and climate, and that for each soil and climatic condition there are crop rotation and the fact that each beginning to be realized twelve years and that for each soil and climatic condition there are crop rotation and the fact that each soil and climatic tablishment of the natural enemy a stor Dunlap, Ridgeway, and William suggestion of the senate committee on mines and mining, the director of the survey submitted, through the secretary of the interior, a statement relation to the need of further recognition to the need of the sentence of the need of the need of the need of further recognition to the need of the nee

WILL PROTECT WILD BIRDS.

Commerce Law.

has led to the growing of special types ed a strong Smyrna-fig growing and ries in a favorable season and on suittween the national government and present danger to orchards and for-various states.

present danger to orchards and for-price per crate is not far from \$2, al-though in seasons of scarcity the tribution, occurrence, origin, and pro-from state to state during the various

been proved, and their scope may well easy and more pleasant; and this apbe expanded in the fields already en- pites to the ranch as well as to the ods of twenty-five years ago, when parks, and we should be just as anxlous about our children.

It is impossible to overestimate the importance of proper feeding in childhood; it is the first few years that count. Children sometimes dislike certain food, but a tactful mother can do a great deal. Does it not seem

"Horace," remarked Mrs. Figtree, "we are going to have company at dinher, and I do wish you would brighten

perpetrated, Mr. Figtree said, timidly,

"Yes, dear, what is it?" asked Mrs. Figtree, graciously. "Have you got all of your hair on this evening?"-Judge.

"Did you see where a man sued for

"Probably he did it because she didn't make enough home runs."

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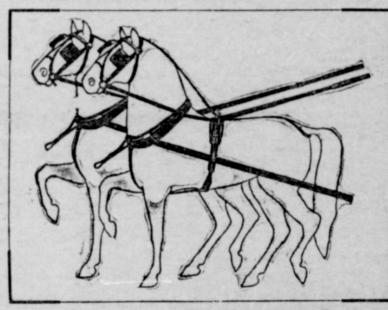


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