Most Appalling Accident of its Kind in Country's History Occurs at Cherry, III.

MEN DOOMED IN FLAMING PIT

Hay Being Taken Down by Engineer Becomes Ignited from Cap Lamp and Blasts Follow.

HEROIC DOCTOR SAVES MANY

Fire Is Smothered and First Resouers Afterward Sent Down Find No Bodies, Alive or Dead.

The most appalling mine disaster in the history of the United States occurred Saturday afternoon in the little town of Cherry, Bureau County, Ill. A fire that started in the main shaft of the St. Paul Coal Company's works choked out the lives of 300 men working there. Thirteen rescuers who went affve to a man. A few score of survivby flame, crawled from reeking crevices in the earth to tell an incoherent story of almost inconceivable horrors in the corridors below. The restthere were 565 human beings in the mine when the fire broke out-perished in the flame-swept works.

Saturday night the exits of the mine. from which smoke and flame had belched since 1:30 in the afternoon. were battened down. This heroic remedy was decided on as a last means of arrived in a special train from Chiextinguishing the fire in the works cago. The railroad company gave a beneath. Above a seething furnace, in plot of ground for cemetery purposes. which three-fourths of the male popula- The ground is just back of the small tion of the community is imprisoned. frame church in Cherry, which since the town waited in silent dread for the | the disaster has been filled with weepdawning of the morning. When day came the hatches were to be opened | the safety of those for whom no hope and the toll of death begun. The cry is cherished any longer by the mine of the widow and the orphan rang officials. dolefully on the ear.

The fire broke out at about 1:30. Engineer John Cowley, who is in charge of the elevator running from the surface to the higher of the three veins in the mine, had descended with a load of six bales of hay. On the way down the hay was ignited by his torch. Reaching the level below him he dragged the hales out of the car and attempted to hurl them into the sump of the second shaft, at the bottom of which is a pool of water. Beare he could do so both the first and second shafts were aftre. A strong draft coming up to the surface turned the two shafts into red-hot flues. Almost before the danger could be realized the mine was ablase everywhere, and the main avenues of escape cut off.

The Cherry disaster, like every great disaster in America, developed its men of the hour, its heroes. There is in Salina, Manhattan and Junction City Cherry one man who is deserving of the unusual rains are causing anxiety. all the glory that the highest personal At Salina the Western Star mill dam bravery and self-sacrifice merit. He across the Smoky Hill river is threatin Dr. L. B. Howe, the St. Paul Min- ened. The Smoky Hill and Republiing Company's physician. To him can rivers are unusually high and still twenty-five of the rescued miners owe rising. their lives. Escaping by a miracle from a red-bot lift in which twelve of his companions were roasted like quall on a griddle, he returned six times alone into the seething inferno of the shaft, and each time came to the sur face with a group of men he had saved He desisted from his efforts only after it had become apparent to every one that to descend in to the shall again would be certain death.

Exploration of the mine was begun Sunday. Volunteers, equipped with oxygen helmets, essayed to explore the shaft. Two of them in a bucket were lowered three times down the shaft. They found no bodies, living or dead. At a depth of 370 feet the temperature of the mine was found to be practically normal-94 degreesindicating that the fire had burned itself out.

# Mine Still Burning.

Fire in the Cherry mine continued Monday and Tuesday to block all efforts at rescue of the 300 or more entombed miners or recovery of their The pit remained sealed, and, although every effort to fight the fire was made, it probably will be several days before the shaft can be opened with safety. Temperature taken at the top of the burning mine Tuesday registered 108 degrees Fahrenheit. This was in the wet surface sand and indicated that the fire below is intense.

Meanwhile the hopeless mourners were giving part of their attention to the rites over the victims whose bodies had been found. Funerals of the miners were held Tuesday, and the surviving miners and families of the dead filed through the streets behind the hearses, which were driven in line. Several of the dead were taken in funeral trains to Ladd and other near-by towns. Special funeral trains were ordered and hearses were provided from Ladd, Spring Valley, La Saile and Mendota. Officials of the mine workers' unions took an active part in the burial ceremonies.

Mere Children Die in Mine.

decement were mere children-boys the had been harnessed up in the inin their first teens. That is one of the problems confronting a investigators. While the mine ofto to endeon have declared that the labor laws have not been vicand that no boy under 16 years shed in the flames of the this in grief stricken voices. Four Railroad.



WATCHING FUNERAL MINERS WITH BARED HEADS 2MITSIV BUINC TO

DEATHS IN RECENT

MINE CATASTROPHES.

Disastrous mine accidents in recent

1902 Fraterville, Tenn. ......

1902 Rolling Mill Mine, Pa. .....

1963 Hanna, Wyo. .....

1904 Lackawanna Mine, Pa. ....

1904 Tercio, Cal. .....

1905 Diamondville, Wyo. ......

1906 Oakhill, W. Va. .....

1906 West Fork, Va. .....

1907 Fayetteville, W. Va. ......

1907 Saarbruck, Prussla ......

905 Virginia City, Ala. ...... 152

M., K. and T. Company ....

Wilcox, W. Va. .....

France ...... 1,060

### HEROES LAID TO REST.

Men Who Died in Effort to Save

Others in Cherry Mine Buried. Heroes of the Cherry mine disaster who lost their lives by going into the burning shaft to save the men entombed below went to their last rest ing place Tuesday, to be followed soon by those for whom they sacrificed their lives. Tender hands lowered the 1905 Ziegler, Ill. ....... bodies into the earth, while thousands of people in churches and homes in and near Cherry offered prayers. The ors, blackened by smoke and singed funerals made keener the grief not only among their own kin, but among 1906 Courriere Mine, near Calais, the relatives of the men still in the mine, kept from human reach by the sword of the fire demon.

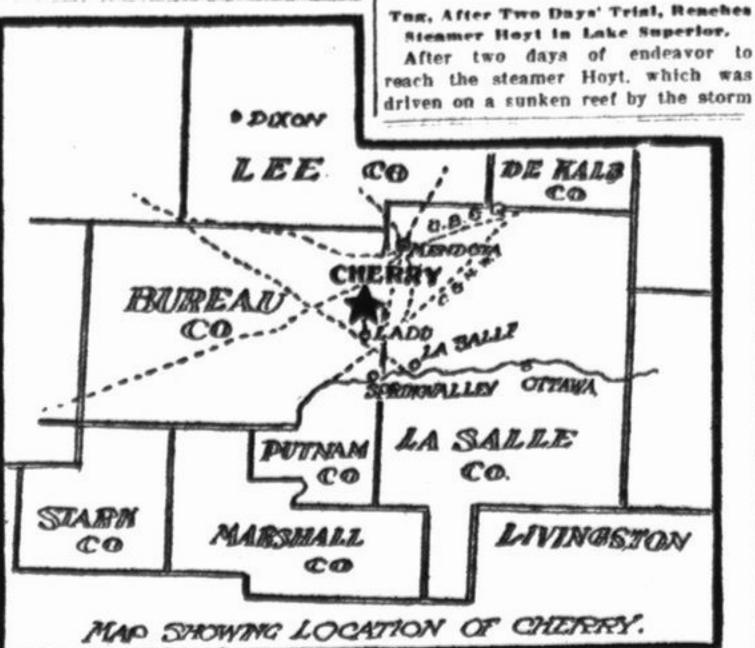
> The ranks of the Cherry lodge of the Knights of Pythias were thinned out, only fifteen of the sixty members responding o the roll call before the funeral of their comrades. The absent forty-five are among the victims of the mine fire. A carload of coffins ing women and children, praying for

#### DRIVEN FROM HOMES BY FLOOD

Suffering Is Caused in Eastern Kansas by High Water and Cold.

Many rivers and smaller streams in eastern Kansas are higher than ever before at this season of the year because of torrents of rain during three days. The small towns of Frankfort, Centralia, "Vliets and Vermillion are flooded and many residents sought shelter on the high länds Monday night. The weather was cold and raw, causing much suffering among the people driven from their homes. At Lawrence the Kansas river is higher than it has ever been at this time of the year, and in the lowlands near there many persons have been forced to leave their homes. At

Torondo Hita Kansas Town. communication it was learned that the town of Shook, a small station on



the Missouri Pacific Railway, forty The station was demolished and the No lives were lost.

Claimholder Loses Big Purse. J. L. Purcell, a claimholder near Brushie, S. D., was held up by a masked bandit and robbed of \$3,472. Purcell was en route from Huron, S. D., with his horses and household efa special freight train.

Hart in Auto Wreek.

Dr. W. C. Stover, his wife and Stover's chest was crushed and his ploston. wife was badly cut and bruised.

C. L. Warriner Indicted. The grand jury in Cincinnati returned an indictment against Charles L. Warriner, charging him with the

on Lake Superior Saturday off Otter miles southwest of Wichita, Kas., prac. Island, the tug Helm from Duluth, fincrew of twenty-one aboard. The crew general store and a grain elevator suffered terribly Sunday night. A were blown from their foundations. gale from the northeast was accompanied by a blinding snow storm and waves six feet above the decks. The

Football Kills Ohio Youth. two weeks ago in a football game. died in Grand Rapids, Ohio. A blood fects in an emigrant car attached to vessel in his head was ruptured, and he was unconscious for thirteen days. property.

Cattle Man Guilty of Murder, The jury in the case of Herbert L. Brink, one of the seven cattle men charged with the murder of three sheep men in the Tensleep country, rethere are mothers emberdement of \$640,000 from the Big turned a verdict of murder in the first degree in Basin, Wyo.

### HOW DEADLY FIRE DAMP WORKS Gathers, Without Odor, About Roof

of Mine, Ready to Ignite. Fire damp or coal gas is the most insidious danger that the coal miner faces. It is an exceedingly light, colorless and odorless gas, generated by the decay of vegetable matter. It burns with a nonluminous flame, and is only dangerous as an explosive when mixed with five times its volume

1905 Weich Coal Mine ...... 120 of air. Coal gas, escaping into a mine shaft from cracks in the coal vein, finds its way silently into the upper chambers of the mine, its small specific gravity carrying it up over the heavier air 75 in the corridors. Having reached a so point from which it can ascend no 200 | farther, the gas begins to gather along



WIDOWS AND ORPHANS AT CHERRY.

<b>EXCECT</b>	
1907	Las Esperanzas, Mexico
1907	Monongahela, Pa
1907	Tokyo, Japan
1907	Jacob's Creek, Pa
1907	Monongah, W. Va
1907	Yolande, Ala
1907	Hanna, Wyo
1908	McAlester, Ok
1908	Hamm. Westphalia, Ger-
	many
1909	Marianna, Pa
1909	Ziegler, III

21 SAVED IN A SHIPWRECK

reach the steamer Hoyt, which was

tically was destroyed by a tornado. ally got to the wreck and took the and a few business enterprises, consti- in the evening. At the end of two steamer will probably be a total loss.

Royal Vogel, a schoolboy injured

Dakota Bank Robbed.

The Bank of Norden, S. D., was How many of the underground work- daughter, Ardys, aged 6, were serious- robbed early Friday and \$2,384 in cash who perished in the Cherry mine ly hurt in an automobile collision on was secured by the robbers, who es-Shaker Heights, Cleveland, the child caped capture. The safe and building sustaining a fracture of the skull. Dr. were completely wrecked by the ex-

123 the roof of the corridor. Miners work-30 ing beneath this cloud of gas may remain for hours without knowing the danger just above them.

After a while the gas begins to mix with the air, and to sag down toward the mine floor. Then a lighted match or an unprotected miner's lamp will 229 suddenly ignite it, causing an explo-125 sion that runs all over the mine wher-27 ever the gas is located.

by heavy falls from the roofs of the without interfering with the general corridors, the blocking of passageways Tox, After Two Days' Trint, Remetes and the imprisoning of those in the explosion area. With escape cut off After two days of endeavor to the works take fire and the deadly after-damp, a gas caused by the explosion, settles down to smother to deat everything living within its reach.

# VILLAGE OF CHERRY.

Small Town Populated by Miners and Their Families.

spur track of the Chicago, Milwaukee and St. Paul, three miles north of Ladd, twelve miles northwest of La Salle and nine miles north of Spring Valley. Until the railroad built an extension south about fifty miles from Davis Junction Cherry was nothing but a cross roads hamlet of ten or

After the building of the railroad, however, extensive coal deposits were uncovered there and the mine where the men were killed is the property of ago and employed nearly 500 miners. The families of these miners, with a few townspeople who own the stores, is given hay but for two hours a day. tute the entire population of Cherry.

30 Drown; Loss Is \$7,000,000.

The weather having abated, reports are being received of terrible destruction in the eastern and central parishes of Jamaica. The banana trade is almost ruined. The loss will amount to \$1,000,000. Thirty persons have been drowned. Thousands of acres of land is under water and enormous damage has been done to private and public

Football Takes Boy's Life. O., is dead as a result of injuries he was kicked in the head.

Ten Denths Cause Suicide. Loss of his son and nine employes in the fire which destroyed his comb factory in Brooklyn, N. Y., is believed to have caused the suicide of Robert Morrison. His body was found in the bathroom, where he had turned on the



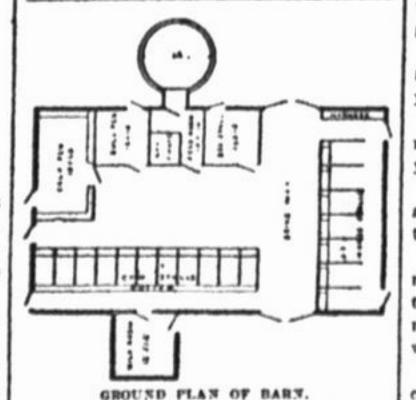
Feeding Silage.

Modern Farm Barn. The barn herewith illustrated will farm on which eight or ten milk cows stone or cement. The silo as shown | should be added, such as oil meal, cotis connected to the feed room by a



4x4-foot chute. This should extend the entire length of silo and have small windows both at the top and bottom. out hay. The chute is of sufficient size silo and hay chute are boarded tight to prevent dust, dirt or odors from entering the cow barn. The loft floor should be made tight for same reason, and if made double with when fed on corn and dry roughage. tar paper between it will be better.

The construction of the calf and bull pens, also the box stall, should be such that the animals may readily see the other animals in the barn. They enjoy company as well as human beings do, and many an otherwise goodtempered animal has been rendered other feet, it may be concluded that unsafe by being placed in solitary confinement. The milk room is handy to the cow stalls and has both an interior and exterior exit. The door leading into the barn should be closed at all times. The interior arrangement is such that one attendant can feed and care for the stock, in a short time; a point not to be overlooked in this day of high-priced labor. An 8 or 10-foot opening should be left in the loft floor over the driveway for passing up hay. etc. The grain and bran bins are located over the feed room and the feed drawn through 8-inch wood spouts and mixed in the feed room. The driveway, also the space between the rules for forecasting the weather: feed room and cow stalls, may be used a portion of the year for tools or a wagon. The floor above the driveway should be 11 or 12 feet high; the floors over the pens and cow stalls should be 7 feet high, and those over the box stall and horse stalls should be 8 feet high. This arrangement pro-



vides ample storge room for hay, etc., in the loft. A good feature of this The explosions are usually followed | barn is that additions can be made arrangement in nay way.-J. E. Bridgman in Farm, Stock and Home,

Hogs and Fences.

Lean, lank hogs and poor fences will discourage almost any farmer who has such a combination. With animals that will multiply as rapidly as pigs it seems almost a shame to see a man breeding old scrub sows to some boar that has no pride of ancestry or hope of posterity. Yet this is exactly the course that about half of the farmers Cherry, the scene of the disaster, is are following, and wondering why feeding hogs is not paying substantial profits. Never get the idea in your heads that breeding from young and immature breeding stock encourages early maturity in the progeny. Good, strong, well-developed pigs from mature sires and dams will make better growth and more economical gains than the undersized runts that result from breeding immature sows to some 6-months-old boar pig.

Feeding Horses.

Prof. Coburn says that we Ameri the St. Paul Coal Company, a subsid- cans feed our horses entirely too lary organization of the St. Paul Rail- much hay. It is common among road. It was opened about five years horse owners to let horses stand to full mangers when not at work. But in London the cab horse, for example, hours the mangers are cleared. Care ful testing in decreasing the timothy hay ration one-half has not shown that the horses require any more grain than before to keep them in equally good condition.

Datey Farming.

The man who is carrying on diver sified farming can not keep one cou for each acre of land he tills, but the dairyman can, and may do. They do not raise all the grain used, but are content to let their neighbor grain farmer raise the grain. They know Albert Arend, 13 years old, son of that they can buy grain for one hun-Charles Arend, a grover of Marietta, dred cents on the dollar, and that feed. They can better afford to spend their time in caring for the cow than in raising grain.

Poultry and Fruit drowing. poultry raising is especially recomso that the runs will be in the or | 61 per cent.

chard. The fowls will destroy thousands of harmful insects, thus greatly benefiting the trees and increasing the prospects for fruit, and the fowls will at the same time gain great comfort and benefit by the protecting shade of the trees. Plum trees and cherry trees are especially benefited by the presence of fowls about their roots. Peach trees will grow most rapidly and soon-

est give an abundant shade.

Quite a number of practical feeders have adopted the silage method. One be found suitable for a medium-sized | man in particular having a large stock farm in Ohio puts up annually beare kept. It has a floor space of 38 by | tween 2,500 and 3,000 tons of corn and 64 feet, exclusive of the milk room. | cowpea silage, which he feeds to his The stude should be 12 to 14 feet long. beef cattle. A 1,000-pound steer will The interior is divided as shown on usually consume about 50 pounds of the floor plan. The silo is 12x38 feet, silage per day. When fed a ration of with a 5-foot pit which may be of this kind, some nitrogenous food tonseed meal or other concentrated products found on the market. The feeder from Ohio referred to feeds on an average about 5 pounds of cottonseed meal per day to his steers and about 5 pounds of clover hay, in addition to the 50 pounds of silage. For beef cattle it is usually considered advisable to allow the crop to mature before cutting, and also to plant it the same as one plants for grain production. The cattle feeder is not particularly anxious to obtain a large amount of forage, but he is more anxlous to get as much corn as possible. The hay chute is 5x5 feet square and A crop of corn that will produce about has door at the floor line for forking | 50 bushels per acre will make from eight to nine tons of silage planted in for feeding stock if barn is full. The the usual way and harvested when mature. It is stated by feeders who are using silage, and similar reports have come from stations, that cattle fed on this produce scour less than

Sidebone in Horses.

The cut on the left shows a healthy foot bone. In some cases the cartilages are large, extending for some distance, giving an appearance of sidebone. If the same condition exists in



no sidebone exists. The picture on the right depicts a foot with growth of sidebone. The growth begins at lower edge of cartilage next to the foot bone and extends gradually upward.

Weather Facts.

The Farmers' Club of the American Institute has issued the following 1. The wind never blows unless

rain or snow is falling within 100 miles of you. 2. When cirrus clouds are rapidly

moving from the north or northeast there will be rain inside of twentyfour hours, no matter how cold it is. 3. Cumulus clouds always move from a region of fair weather to a re-

gion where a storm is forming. 4. When the temperature suddenly

falls there is a storm forming south of

rises there is a storm forming north of 6. Cirrus clouds always move from

a region where a storm is in progress to a region of fair weather. 7. When cirrus clouds are rapidly moving from the south or southeast there will be a cold rainstorm on the morrow, if it is in summer; if it is in

winter, there will be a snowstorm. 8. Whenever heavy, white frost occurs a storm is forming within 1,000

miles north or northeast of you. 9. The wind always blows in a cirfrom the north the heaviest rain is east of you; if it blows from the south west the heaviest rain is north of you.

Farming Possibilities. At the average rate of twenty bushels of wheat per acre (which is much less than the average yield of either Germany or England), the State of Illinois, with a few Indiana counties thrown in for good measure, cultivated exclusively to wheat, would produce annually more of this product than cal worthies, who often add largely does the entire country. If Ohio and to their incomes, practice their call-Iowa's 76.784 square miles of improved ling at night, the more up-to-date land (census 1900), with a 17.658 using a small electric light attached square mile strip of Kansas, should to a cord, which when sunk within a be planted in corn, there would be few inches of the bottom of the harvested, with an acreage yield of stream, reveals the gustening shells. fifty bushels, 3,022,144,000 bushels, an These are then secured with a cloven amount practically equal to the total ash stick. Oblong pearls of big size 1906 corn crop of the United States, are often got .- " estminster Gazette. Canada and Mexico.

of so-called "unimproved farm land" well as the best land in the State. of unclassified land, of which a portion only is irreclaimable to agricul-

An Old Bunko Game.

A farmer near Rock Island, Ill. was cleverly swindled out of \$25 by a smooth stranger who claimed to be the game warden. The farmer was hunting on his own farm when ap proached and asked if he had a hunting license. He had not, and the man said he was not excused by being on his own farm, and that he would arrest him. This did not please the farmer, and he finally gave the fellow woman who wears corsets," she says. their little dairy cows will return \$2 | \$25 as ball. When he appeared in "makes a martyr of herself, and does received in a football game. The boy in product for every dollar's worth of court the next morning he met the real game warden, but not his money.

Sheltering Manure.

found that two tons of horse manure A combination of fruit-growing and in an exposed place in five months lost grounds, but the German empress is 5 per cent in gross weight, 60 per cent an earnest advocate of it. She not mended in a bulletin from the Penn- of its nitrogen, 47 per cent of its only wears a stiff corset herself, bu sylvania Department of Agriculture. phosphorus and 76 per cent of its pot- insists that her maids of honor shall If possible, locate the poultry houses sah. The total loss of plant food was not appear before her unless tighter

### SOMETHING FOR EVERYBODY

~~~~~~ One ton of apples will usually yield

150 gallons of cider. The first process of making soda on

an extensive scale was discovered by Nicholas Leblanc, a French chemist, in 1791. There is one mill in Minneapolis

which turns out between seventeen thousand and eighteen thousand barrels of flour each day.

To encourage saving among the people, the Spanish government has established a postal savings bank under guaranty of the state.

The new terminal station of the Pennsylvania Railroad in New York has sixteen miles of tracks, including twenty-one standing stations.

More than ten thousand school children of Chicago are forced by reason of inadequate seating accommodations to cut their attendance to a half day session.

Britain's antarctic expedition now in course of preparation will carry wireless telegraphic equipment sufficient to enable messages to be sent to New Zealand from the ship and from stations established at bases of sup-

plies on land or ice. Boston University, according to its new year book, has an attendance of 1,514 in all its departments. Of these 962 are men and 552 are women. The chief increases are in the College of Liberal Arts, the courses for teachers

and the School of Theology. Boomerangs are now made of celluloid and hard rubber. Celluloid is better than cardboard because it is waterproof, light, very hard to break and can be worked into the peculiar curve and twist so necessary to give

the boomerang its singular properties. An inventor of moving picture appliances and machinery has devised a new screen which gets rid of the annovance of darkness in the room. With his patent screen, a large mirror with a chemically frosted surface, pictures are as plain in the light as in darkness, thus doing away with the danger of panic in the dark.

For train dispatching the Canadian Pacific Railroad has found the telephone so serviceable that the present system of about five hundred miles of telephone lines will be extended to one thousand miles within a year. The company states that about 50 per cent more traffic can be handled now than was possible under the old telegraph system of dispatching.

Dr. Amy Tanner, formerly a profeasor at Wilson College, has been chosen to supervise the work of measuring and testing detective children at the institute for child study, which has just been opened at Clark University, Worcester, Mass. The institute is to be devoted entirely to the study of children and will eventually have five departments, each super-

vised by an expert. in Halmstad, Sweden, Pontas Holmstrom is about to start a spinning mill for making yarn out of paper. Such mills already exist in Germany and France. So far the manu-5. When the temperature suddenly facture of rugs and carpets seems to be the best practical use of this new paper yarn. It is said that people in Sweden, especially in the provinces of Ostergotland, are already making carpets with paper weft. Narrow rolls of paper tape are used, but this, of

course, la not spun.-London Globe. One hundred leading London chefs are to celebrate soon the professional jubilee of M. Escoffier, the Napoleon of the kitchen. The supper will be surprisingly simple, consisting of English oysters, filet of sole, chicken en casserole old style; cold meats, salad and an ice. This seems in strange con trast with some elaborate and monstrous bills of fare that President the heaviest rain is west of you; if it Taft is steered up against or steers blows from the east the heaviest rain | away from. Escoffer has been chet is south of you; if it blows from the at the Carleton and Savoy for many years, and formerly, when chef to Napoleon III., was captured at Metz --

> New York Press. Pearl fishing, writes a correspondent, is still carried on with considerable success on the River Telth, at Callander, Perthshire. The "seed mearls," which include both black and pure white specimens, are got in the shells of fresh water mussels. The lo-

Not long ago Noah White, of Chestatee district had a butting sheep. This Georgia's improved land producing a sheep went across the Blue Ridge in hale of cotton per acre, the yield would | Union County on a visit, and while amount to nearly is much as the total | there went to the house of a lady with annual cotton crop of the country; and her flock of sheep. This lady decided yet a large part of the 15,776,413 acres | to put the strange sheep up until its owner called for it, but lo and behold in Georgia can be made to produce as she made a failure, for the sheep commenced to show fight. The lady made with still a balance of 11,191,943 acres | for the house, the sheep in hot pursuit, butting her every step until the door was reached. Then it entered. and did not stop until it ran not only the lady, but every child she had off the place. After staying a while it left, and the family took possession of the house again.—Dahlonega (Ga.)

There is a real campaign in Europe against the corset. The Queen of Italy is opposed to stays, and Carmen Sylva, Queen of Roumania, wishes every woman, thin and fat, to cast off the corset and trust to nature. "The everything possi le to hinder her natural development. All that is unnatural offends my sense of beauty and is hateful to me. A tight waist I re-The Cornell Experiment Station | sent as unaesthetic." German scientists decry the corset on health