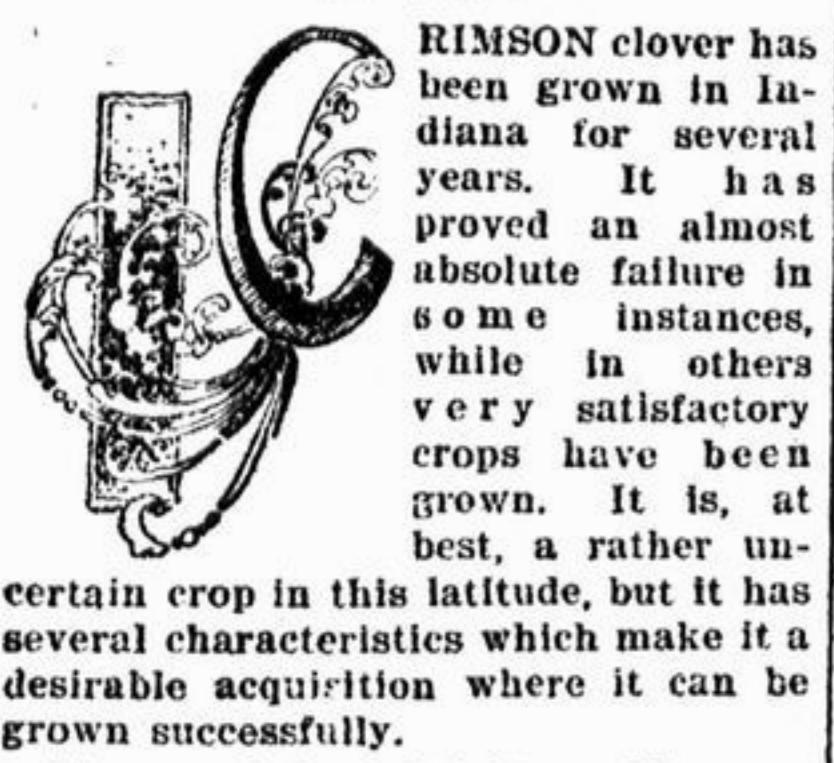


FARM AND GARDEN.

MATTERS OF INTEREST TO AGRICULTURISTS.

Some Up-to-date Hints About Cultivation of the Soil and Yields Thereof - Horticulture, Viticulture and Floriculture.



Crimson clover has been grown in Indiana for several years. It has proved an almost absolute failure in some instances, while in others very satisfactory crops have been grown.

Characteristics of Crimson Clover.—It is a true clover, but earlier, smaller and usually less hardy than the common red clover.

Crimson Clover a Catch Crop.—Being an annual and unable to endure winters, crimson clover cannot take rank as a staple crop in Indiana.

Crimson Clover as a Forage and Fertilizing Crop.—This clover has proved excellent for pasture in the late fall, winter and early spring, and judging from its chemical composition, it will doubtless prove a better food fertilizing crop than the common red clover.

Time and Manner of Sowing.—Crimson clover should be sown in July, or early in August, to insure a vigorous fall growth in which case it will probably pass the winter with slight damage.

The methods described above were successfully used last year in sowing crimson clover on the station farm.

It is well to sow thickly—say ten pounds to the acre—as many plants may be killed by drought and frost.

W. C. Latta, Indiana Experiment Station.

Turnips for Early Use.

Market gardeners make much larger profits out of the turnip crop than do farmers. If they did not they could not grow them at all.

It is well to sow thickly—say ten pounds to the acre—as many plants may be killed by drought and frost.

W. C. Latta, Indiana Experiment Station.

Mulching.

A bulletin of the Minnesota Experiment Station says: It is not generally understood that a mulch may with benefit be applied to cultivated ground.

serce, direct heat of the sun's rays. Nitrification is retarded since it progresses more favorably when the surface of the ground is partly shaded.

1. The moisture is more effectually conserved, and the root system takes its proper position.

2. The soil is better protected from the direct heat of the sun. The earth-litter mulch is a good non-conductor.

3. The manure thus applied keeps intact the supply of humus, thus increasing the soil capacity for moisture and maintaining fertility.

4. The best features of both old systems are retained, and the method is applicable not only to trees and small fruits, but to any cultivated crop.

5. Labor is saved, the required cultivation being materially reduced.

Small v. Large Lung. Professor Playfair said recently before the Royal Agricultural Society of England that small lungs in proportion to the total bulk, are helpful to the fattening of animals.

We select seeds of certain plants which come the nearest to our standard of perfection. No two breeders of any kind of stock have the same ideal standard in all particulars.

Correspondent of "Green's Fruit-Grower" asks for information on this subject. We have purchased paper bags, he says, such as are used in groceries and sold by the thousand at 30 to 40 cents.

THE GREAT ECLIPSE.

ASTRONOMICAL INFLUENCE THAT WILL FOLLOW IT.

Many Troubles in Store—A Prediction of Wars and Physical Disturbances and Other Evils—Ancients' View of Such Events.

I begin this writing with China because the Chinese and their neighbors and recent foes, the Japanese, are among the nations most interested in the subject matter of what is to follow.

The studies in "manners and customs," as taught us in the geographies of our early childhood, gave special weight, so far as the Chinese were concerned, to the announcement that they were accustomed to beat gongs to scare away evil spirits, which they thought were the result of the intrusion of evil spirits between the earth and the luminary eclipsed.

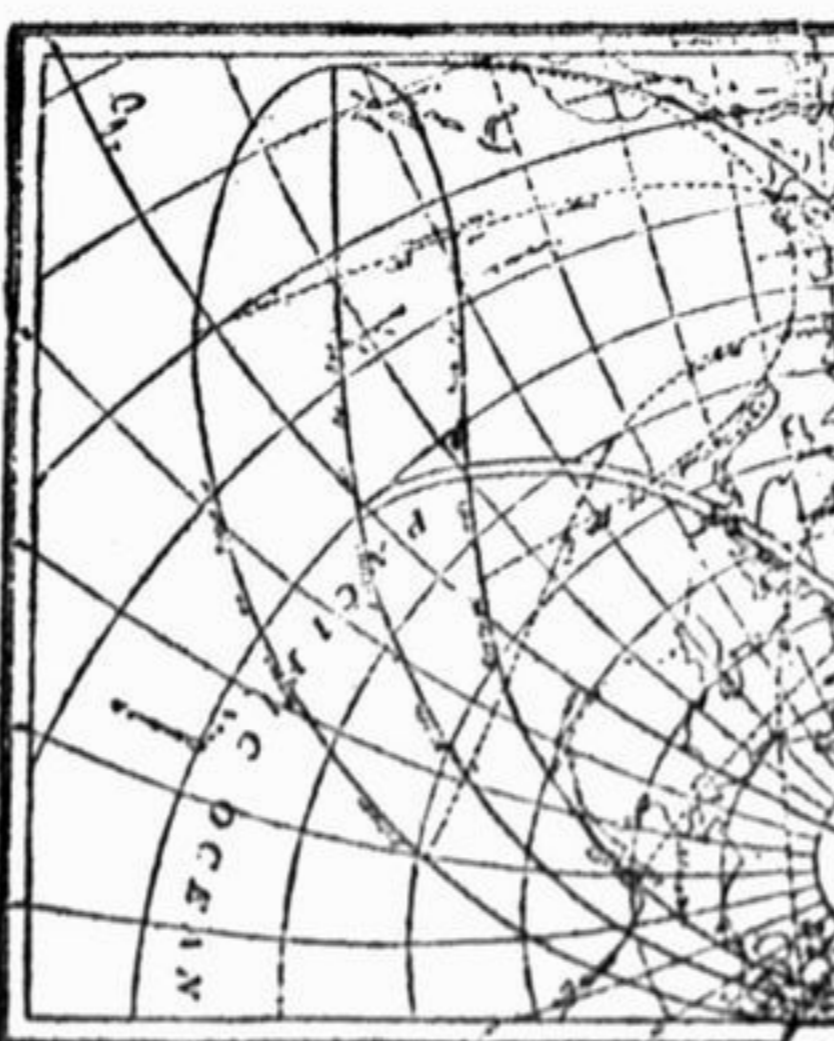


DIAGRAM SHOWING THE PATH OF THE ECLIPSE.

many thousand years ago, and their historical records show that 2,000 years before Christ a Chinese emperor caused to be put to death his two chief astronomers for not predicting an eclipse of the sun which then occurred.

The astrological theory of a total eclipse of the sun contends that it exercises an inimical influence over the earth and its inhabitants. A score of coincidences have been found between solar eclipses and California earthquakes from 1850 to 1885.

Claudius Ptolemy, the great astronomer and geographer, who was an Egyptian, and flourished in the second century A. D., was also the authority

who transmitted to modern times his great knowledge of ancient astrology. The art of reading the effects of the stars and the zodiacal signs upon the earth and upon human life, as derived from him, includes the influence of comets and of eclipses.

The eclipse of August 9 covers a space on the earth extending spirally from 65 deg. 13 min. north latitude to 3 deg. 34 min. above the Equator, and from 0 deg. 3 min. west longitude to 153 deg. 36 min. east longitude.

It happens, most unfortunately, that at the time of the eclipse there are congregated in the sign Leo, besides the sun and moon, the planets Jupiter, Venus and Mercury, all practically in astrological conjunction.

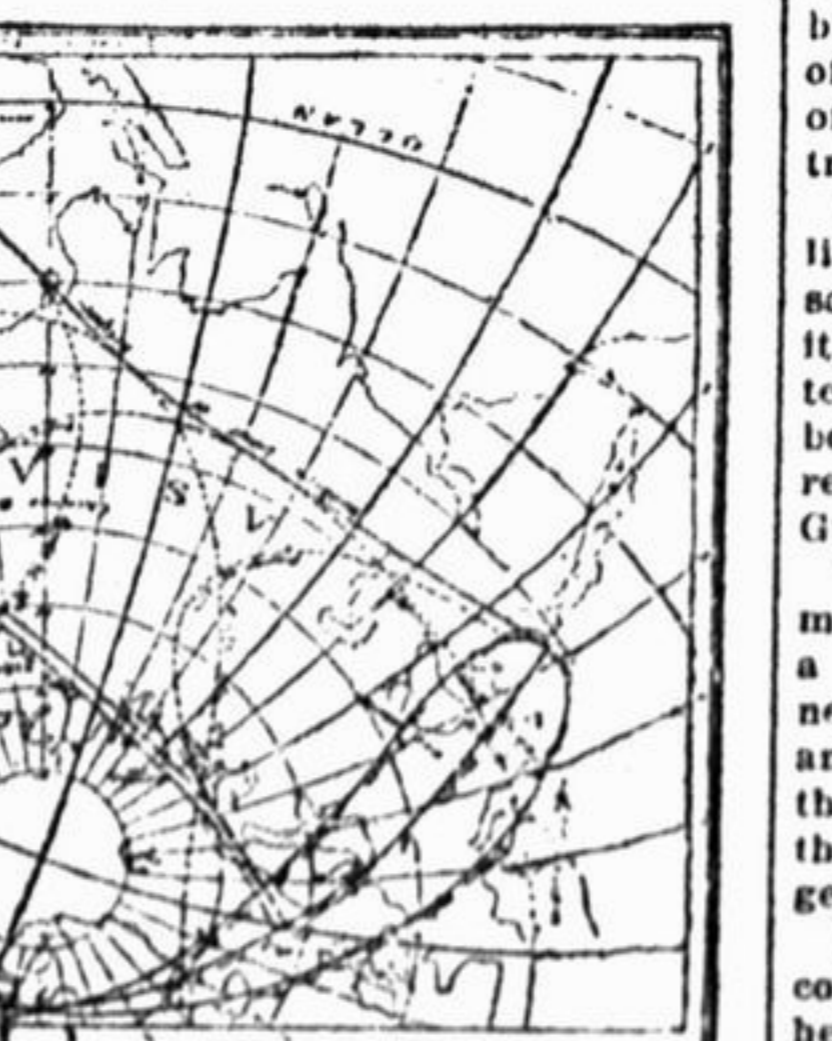


DIAGRAM SHOWING THE PATH OF THE ECLIPSE.

will affect, primarily, Japan, China, Korea, Eastern Siberia, the country about the Danube, Egypt, Armenia, Western Russia and the Northeastern part of Scandinavia.

It happens, most unfortunately, that at the time of the eclipse there are congregated in the sign Leo, besides the sun and moon, the planets Jupiter, Venus and Mercury, all practically in astrological conjunction.

The intervening years should not efface that tragic record from our minds. Cornwallis, eager to meet the American army, which he had been pursuing for ten months through mud and rain, had marched out with flying colors to accept the challenge of the American

Don't leave the house unoccupied. Don't yearn to encounter a burglar. Don't entertain a burglar unawares. Don't boast of your personal courage.

Don't live in the country without a dog. Don't get rattled at a critical moment. Don't boast of your "burglar-proof" safe.

Don't shoot unless your revolver is loaded. Don't trust in the wisdom of a new servant. Don't keep your diamonds up the chimney.

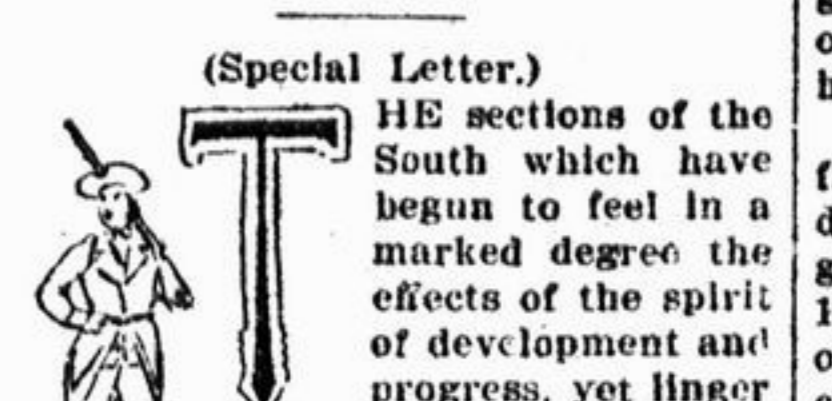
Don't get frightened if you find a door open. Don't forget to close the door when you go out. Don't rely altogether upon your dog for warning.

Don't hide your pocketbook under the mattress.

AN HISTORIC PLACE.

SPOT WHERE CORNWALLIS WAS SOUNDLY WHIPPED.

Flight of the British—They Left the Wounded and Dying and Found Safety Under the Guns at Wilmington—Fourth of July Celebration.



HE sections of the South which have begun to feel in a marked degree the effects of the spirit of development and progress, yet linger a little reluctantly on the threshold of a new era, loth to give up old ways and old traditions.

remind one of the unfortunate Queen in "Alice in Wonderland," who had "jam, yesterday and jam to-morrow, but never jam to-day."

The days of old plantation life are fast becoming a mere fascinating tale to the new generation, and the spirit of the times is manifesting itself in the building of new railroads, the opening of mines, the erection of manufactories of all sorts and the busy hum of industries in every direction.

Within two or three hours' ride of matchless mountain scenery, and with a climate of unquestioned healthfulness, this little "city of flowers" forms an attractive gateway through which the tourist to the palmy tropic land of the far South passes and oftentimes lingers.

As one passes through the wide elmcrovered streets of the town, he notices here and there noble specimens of the classic architecture of ante-bellum days. The simple, graceful columns gleam out with time-chastened beauty from the green foliage, and here and there are the remains of old slave quarters, weather-beaten and moss-covered, but made beautiful by a luxuriant growth of ivy.

One still sees a few specimens of the "real old Southern gentleman," and now and then comes across a venerable "uncle" or "mammy" who can tell those tales of "fo' de wah" which will never cease to play upon one's sympathy and imagination.



TO THE UNKNOWN.

general, that "old cock, Nathaniel Greene." He looked with pride upon his trained soldiers; the half-civil and untrained militia of the opposing army were contemptible in his eyes.

He formed the militia "forty paces," with their rifles resting on the rails and aiming with nicest precision at his line. To the right he saw the Highlanders drop, in the valley his Guards were westerling in blood; O'Hara was bleeding at his side; General Howard wounded and carried to the rear; Tarleton was met by Greene and Washington and hurled back with disordered ranks, and the truth was forced upon the English commander that the victor of the

battle was not always the man who held the field, for he dared not tarry. Greene had lost but 230 men and by the evening of the 17th of March he found still around him 1,850 Continental soldiers, 1,500 militia and 600 riflemen.

On the British side 570 were killed and wounded. Cornwallis made a hurried flight through the country, leaving dying and bleeding soldiers behind him, and only found safety under his guns at Wilmington. The proud hearts of the North State were never to be humbled before the British Throne.



THE WINSTON STATUE.

Schenk, who has been the head and front of the enterprise, and has persevered in it under difficulties which others would have deemed insurmountable.

Not long ago when the old Independence Bell was making its triumphant return trip from Atlanta there was a stop made at Greensboro, and the veteran bell, with cheers and song, was taken out to the spot where the heroes who had been inspired by its peals on that memorable day in 1776, had afterward fought and died for the liberty men hold so dear.

Not long ago, the writer, with a little party of ladies, after a pleasant drive through the pines, stood upon the place "where the battle was fought," undulating ground, mostly covered with forest.

As we stood listening to the stories of our negro guide a sudden storm came up, and Judge Schenk, who often seeks recreation in the keeper's lodge from his professional duties, came out and with true Southern hospitality offered us shelter.

Against Her Principles. Mrs. Archer—What do you think of the new preacher? Mrs. Bayswater—I like him very much. Mrs. Archer—So sorry I couldn't go to hear him. What did he preach about? Mrs. Bayswater—I didn't catch the text, but it had something to do with the golden rule. Mr. Archer (just waking up)—That settles it! I shall withdraw from the church. I can't approve of this kind of carrying politics into the pulpit. —Cleveland Leader.

He—How old are you, Miss Chandler? She—I have seen 15 numbers and about 140 falls.—From Texas States.