THE RÉPUBLICAN, CUSTER COUNTY, NEBRASKA.



SOAPS. Yellow soaps

SUNNY contain rosin. no rosin.

"Sunny Monday bubbles will wash away your troubes."

Use Gold Dust it is better and cheaper than yelow soap. Buy Sunny Monday

and Gold Dust

-of-

J.



Denatured

Alcohol.

Why use wood alcohol when you can buy grain alcohol denaturized, just as cheap? Denatured alcohol has a pleasant odor and is harmless to use.

Wood alcohol has been known to cause blindness. Denatured alcohol can be used for cooking, heating, etc.

S. R. LEE



Dr. Bass, Dentist, Over McComas Dentists.

Roasted fresh eve y day. 24-th FOR SALE .- Four room house with 1-6 block of ground. Close

Roasted fresh every day.

The Busy Druggist

Schedule of Broken Bow Mails.

POUCHES FOR THE EAST CLOSE AS FOLLOWS: Train No 43... Train No 41... Office open Sunday from 9:30 to 10:50 a. m week days, 6:30 a. m. to 7:30 p. m.

B. & M. Train Schedule

EAST BOMED WEST BOUND Nos 39 and 40 run between Lincoln and Broken Bow only, and not on Sundays Freight trains Nos 47 and 48 carry passengers ot are run as extras

Drink "Blue Ribbon" coffee

needing glasses properly fitted at Grand Central in the Bow Friday, Feb. 19. Eyes tested free,

mare, clyde stock, about thirteen years old. Anyone will be rewarded by notifying

or L. H. JEWETT, Broken Bow.

WHITE and YELLOW CORN. Will pay the highest price of fered on the Broken Bow market. Call and see us before selling.

If a Girl is in Love, Thats Her Business.

If a Man is in Love, Thats His Business.

If They Want to Get Married, Thats Their Business.

But if They Need an Auctioneer. Thats our Business.

TINDER & O'RORKE

Broken Bow

Nebraska.

Write, Phone or Wire us for dates at our ex-Phone 33. pense. Broken Bow Feb. 13 and 27 Market Day sales ·· 20 Mar. 6, Anselmo W. B. Frey, February 26th. Farm Sale P. S. Barcus, February 23rd Farm Sale Consult Us Before Advertising Your Sale.

TIG. VIII-HOW TILE DRAINS AFFECT THE WATER TABLE. [8, surface of the ground; W, water ta ble; G, ground water; T, tile drains.]

soil becomes saturated, however, so

that the water is no longer moving, the air soon becomes used up, and the crop will turn yellow and cease to grow. The remedy, of course, is to provide drains to remove the ground water quickly,

The only kind of water which the roots can use is the capillary water. When this is present in the right amount, it fills about half of the spaces between the soil particles. The the rest are filled with air. The water eastly dissolves plant food from the soil grains which it surrounds. Thus the two essentials for rapid root development, air and plant food, are present in the proper amounts and Ina readily available form. As fast as the water is taken up by the roots more is brought up by capillarity from the supply in the subsoll in the manmer noted in article No. 2. The place where the capillary water

joins the ground water is called the water table. If this water table is too high, the feeding ground of the roots is greatly restricted, since they cannot go below it. If, on the other hand, the water table is too deep, capillarity cannot bring the water up as fast as it is used by the roots. In dry weather the water table lowers rapidly, but the roots are also growing downward at the same time. The greatest damage from drought

tables for figuring the size of tile required under various conditions. If there is any doubt it always pays to get a size too large rather than a size too small, even if the cost is a little



be avoided, as this checks the current and causes the drain to partly fill up with silt, thus reducing its capacity just that much. With a thorough system of tile drainage in good working order the problem of getting rid of surplus water is

solved. Tilling also helps to solve the problem of lack of water. The roots go down so much deeper in a tiled soil that they are in position to withstand a drought better than if they were a foot or two farther above the water table. Removing the surplus water by drainage also hastens the warming of the soll in the spring.





Farm Loans Quickly Closed

I. A. RENEAU

ome in and Look it Over.

W. E. Talbot. A. G. Martin.