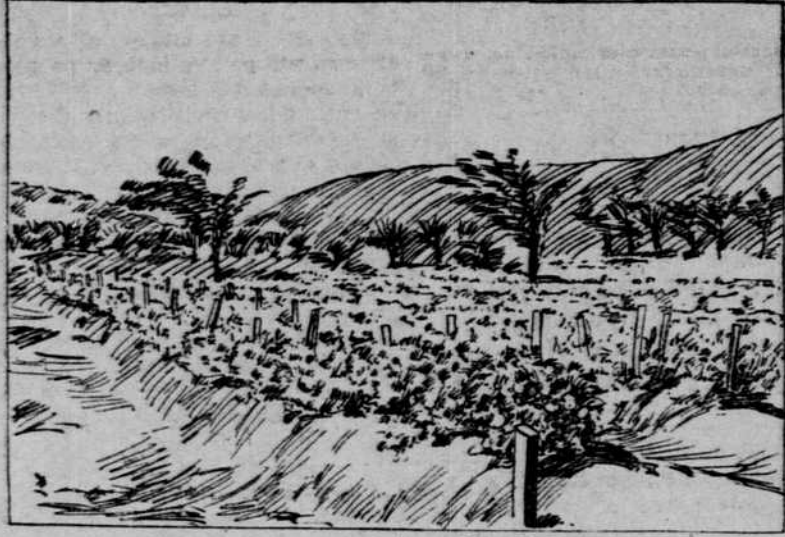


# AGRICULTURE IN THE CANAL ZONE



Tomatoes Ripening in February.

By H. H. BENNETT.  
The climate of the Canal Zone is humid and typically tropical. With a very narrow annual range in temperature, but with marked contrasts in quantity of rainfall, the seasons are aptly divided into dry and rainy. The dry season proper begins usually about the middle of December, although there are occasionally considerable variations from this. Fairly heavy precipitation sometimes occurs in the dry season, particularly on the Atlantic slope.

Normally the season is characterized by cloudless skies, constant winds, and such scanty rainfall that many crops which need steady growth throughout the rainy months, hasten to maturity, practically cease to grow, or are completely parched unless irrigated. The prevailing type of corn planted about December 1 usually matures the latter part of February. Northern vegetables are unable to survive the dry season, but certain tropical species and many tropical fruits are uninjured or only slightly retarded in growth.

Many trees shed their leaves at this time of the year, which corresponds to



Canal Zone Farm House.

winter or the dormant season of plants in the temperate zones.

The growth of vegetation during the rainy season is phenomenal. An abandoned or unattended clearing is quickly covered with a dense tangle of rapidly growing plants, while unseasoned fence posts cut from soft wood trees, driven into, or in many cases even laid upon the ground, take



Cucumbers Ready for Shipment in February.

root and soon produce trees. Many northern flowers and vegetables are forced by the warm, humid climate into wood and leaf growth at the expense of blossoms and fruit. Cowpeas and cucumbers fruit fairly well throughout the rainy season, so do also a number of other vegetables.

Most of the indigenous plants make rapid development until checked by the scant supply of moisture attendant on the rapid drying out of soils in the dry season. Owing to the great surface inequality of the country and the imperviousness of the clayey soils, run-off is extremely rapid. With a few days of sunshine exposed soils dry out sufficiently to cause excessive baking and cracking. When land is to be broken by plowing, advantage should be taken of the first favorable weather during the latter part of the wet season, due care being taken in all cases that the soil is in proper condition

## DIAGNOSING AIR CURRENTS

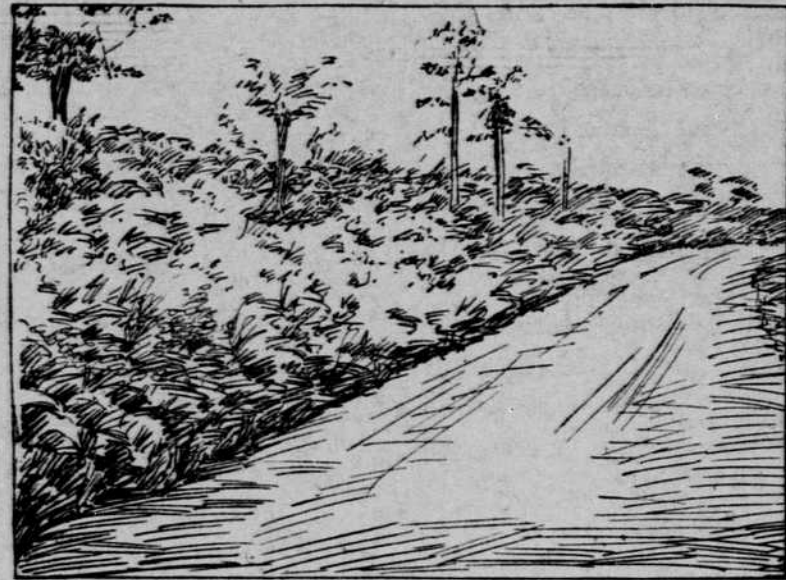
Air currents at a height of 50 miles above the earth are discussed by J. Edmund Clark in the *Quarterly Journal of the Royal Meteorological Society*, on the basis of observations made at many places in southern England and northern France of the drift of a particularly bright and persistent meteor train seen on the night of February 22, 1909. Mr. Clark himself saw the train for 104 minutes.

Horse in the Show Ring.  
A young horse that has done little ought to be sound; he has no more excuse for unsoundness than a man who never stumbles because he never had a chance. It is at this point with young horses that the show ring should fill one of its most important functions in awarding premiums not only to horses that are sound but have a chance to remain so. There are nowadays a sufficient number of draft horses of horse character in the ring so a selection can be made of a horse

and receiving radius will be about 3,000 miles direct reach, to the Arlington station, to San Francisco, and to Valdivia, 420 miles south of Valparaiso, on the Pacific, and Buenos Aires on the Atlantic. It would cover a vessel anywhere on the east coast of the United States, and communicate with St. Vincent, 500 miles west of the coast of Africa.

### Air Adulteration.

In view of the recent decision in a New York court declaring the smoke ordinance of the board of health unconstitutional, the New York Medical Record asks the question, "Why make laws against food adulteration, in the consumption of which there is at least some choice, when air adulteration is allowed to go unmolested?" High



Section of Highway Constructed to Open the Rich Agricultural Lands of the Canal Zone.

with respect to moisture, that is not soggy or sticky.

Among the important temperate zone vegetables that have been more or less successfully grown are cucumbers, eggplant, lettuce, beans, cowpeas, radishes, carrots, peppers and pumpkins. In fact, there is little reason to doubt that with knowledge gained through systematic experimentation a sufficient supply of vegetables will be produced to replace, in a large measure, the canned and cold-storage products at present consumed by the white inhabitants. It is true that many obstacles will be encountered in the establishment of an agriculture upon a modern business-like basis, and much remains to be determined through experimentation, especially as to manual treatment and as to the best varieties of native and foreign plants.

### Wireless at Panama.

The proposed wireless station at Panama to be erected by the United States government will be known as the Darien Radio station. In its general equipment it will duplicate the station at Arlington except that all three towers will be 600 feet high, whereas at Arlington only one of the trio reaches that height, the other two being 150 feet shorter. The low-

medical authorities have pointed out the ill effects of a smoke-filled atmosphere upon the mental as well as the physical health of the community, says the *Indianapolis News*. It has been shown that catarrhal affections, with their long train of sequelae, particularly tuberculosis, are increased. It has

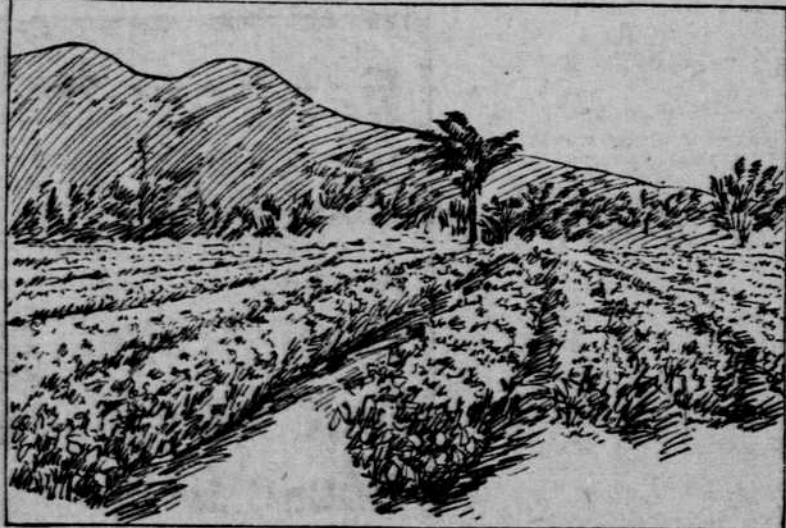


Native Long-Horn Type of Cattle.

been clearly shown that the chief benefit resulting from a vacation of two or four weeks spent in the mountains, at the lakes or on the seashore, where there is an absence of the smoke and dust of the city, is to clear the head and lungs and make life worth living until one gets all stuffed up again with the deadly effluvia of civilization. It is held that the general efficiency of a community is appreciably lowered under smoky conditions, and that the expense of the community in the increase of disease and death far overbalance the industrial gains that come from an unrestricted output of dense, black smoke.

### Fine Jail Not Needed.

Guthrie, King county, Texas, one of the few remaining stands of the cattle kings and real cowboys, has a \$10,000 jail which has not contained a King county prisoner in three years. The sheriff and his family live in the low-



Snap Beans Bearing in February.

est part of these towers will be 180 feet above sea level, and they will be arranged in a triangle measuring 900 feet on each side. The sending

part of the jail building. Guthrie has no county attorney and there is not a practicing attorney in the county.

### Economical Mabel.

Percy (sitting on the parlor sofa with Mabel by his side)—It's just this way, Miss Mabel; I truly wish to get married, but, above all things, the girl who consents to be my wife must be economical.  
Mabel—Say, Percy, this is getting interesting. Wait a moment till I turn down the gas.

### New Sanitary Appliance.

An individual shaving cup for each shave or shaver is the latest sanitary barber shop innovation, for which a patent has been obtained by a Vermont man. The cup is made of paraffin paper, with a thin layer of soap, sufficient for a single shave, coating the bottom. When this has been used it is intended that it should be thrown away. This greatly reduces the chances of any exchange of disease germs taking place through the medium of the barber's chair.

## PROMINENT PLAYERS IN WORLD'S SERIES GAMES



## SOUTHERNERS IN BIG DEMAND

Wonderful Work of Willie Mitchell That Caused Scouts to Look Over Players in Dixie.

Southern collegians with baseball proclivities are in great demand at the present time, says a Memphis writer. It was the wonderful work of Willie Mitchell, the Mississippi rambler, that first caused the baseball scouts to readjust their itinerary so as to take in the Dixie knowledge factories. Following Mitchell along the baseball highway came Derrill Pratt, the Alabama; Ned Smith, the Auburn product, at present with the Brooklyn Nationals; Eppa Rixey, the Virginia giant, who is part and parcel of the Philadelphia Nationals; "Marty" Calaboun, the Georgian, who is toiling with the Boston Braves; J. Bradley Hogg, the Mercer Marvel, recently turned back by Stallings to Mobile of the Southern league, and a host of others. Nor has the year of 1913 been an exception in this respect. Among the more prominent collegians to advance from the amateur fold to the professionals is Percy Hinton, the Arkansas university star, who is slated for a tryout with the Cleveland Americans. Coach Bezdek recently told Manager Birmingham that Hinton with a year's experience would prove a first-class winder. Captain Gordon of Sewanee turned down an offer to pasture in the majors, preferring a modest start with the Macon club of the South Atlantic league instead. Then there is young Collins of Vanderbilt, who recently cast his lot with the Boston Nationals.

## Decision Causes Argument.

Umpire O'Brien in the American association has pulled a decision which will only increase the discussion as to why is a foul tip anyway? In a recent Louisville-Indianapolis game Clemons of Louisville, with two strikes called, swung at the third ball, hitting a foul tip which glanced high off the mack of Catcher Casey. The catcher caught the ball as it descended, and Umpire O'Brien ruled the batter was out on three strikes. There was a lot of argument but the decision seems to be correct.

## Yankees Need Scouts.

The New York Evening Telegram says the Yankees need a couple of good scouts and suggests that John J. McCloskey should be one of them. It calls attention to the fact that McCloskey "discovered" two of the greatest players in the game in Fred Clarke and Mordecai Brown and thinks he should still be able to know one.

## May Manage From Bench.

A report has been going around among the players that Manager Joe Tinker may manage the Reds from the bench, the same as Frank Chance, Connie Mack and others do. Although Tinker has denied it, strength has been added to the report from the fact that Groh is being used at shortstop and Egan at second base.

## Smith to Birmingham.

Pitcher Frank Smith of Montreal will, according to rumor, go to the Southern league next season as a manager. Birmingham wants him to succeed Molesworth. Smith says he is tired of pitching, though if he goes to Birmingham he probably will take his regular turn in the box.

## What's in a Name?

One newspaper on the American league circuit says Catcher McGhee of Detroit is doing good work and another paper on the circuit also compliments Catcher McGee. All of which makes McKee wonder if there is anything in getting his name in the papers, after all.

## Shutout Record.

William Whittaker, pitcher for Keokuk in the Central association, pitched 21 scoreless innings in a double-header against Waterloo. He won both games, the first 1 to 0 and the second 2 to 0, in 12 innings. Allowing only five hits in both contests.



## Among the Baseball Players

Manager Doolin has done great work for the Philadelphia club this season.

According to Manager Griffith, Joe Boehling is the most natural hitter on the team.

Outfielder Jimmy Sheckard is a tobacco salesman when not careening around the ball field.

Tommy Connelly, the Braves' young outfielder, was a pitcher while in the Central league.

Berlin of the Canadian league does not reserve Manager White and will look for a new leader next year.

Clark Griffith claims that if he had another winning hurler he would have ran away with the pennant this season.

Griffith believes that his team would have a great advantage over any team it might meet in a world's series.

The veteran George Davis, once a great shortstop, says that Fletcher of the Giants is the best shortstop in the game today.

Ty Lober of Portland continues the leading hitter of the Coast league, with Walter Doane giving him a chase for the honors.

Trainer Buckner of the White Sox says there is no doubt in his mind that Ed Walsh will come back as a winning pitcher.

Atlanta broke the record for attendance at a single game on September 5 when 12,140 paid to see the game with Mobile.

Bill Carrigan as manager of the Red Sox will get \$5,000 next year, it is said, with a \$2,000 bonus if he wins the American league pennant.

Pitcher Bill Lushen, who to date has made good with the Pittsburgh team, comes from the Albany club in the South Atlantic league.

Since his return to the big show, Guy Zinn, the former New York-Rochester player, has done some remarkable work for the Boston Braves.

It is said that Larry Schlafly of Jersey City will succeed Bill Clymer as manager of Buffalo next season, the latter taking charge of the Wilkes-Barre team.

Reports have been sent from the Pacific coast that Walter Johnson was to go to Australia the coming winter with Mike Fisher's team, but Walter denies the story emphatically.

Manager Doolin says that Chief Wilson, the Pittsburgh outfielder, is one of the greatest ball players he ever saw. "He's one player of whom we don't hear a lot, but who does a lot," said Doolin.

Bill Borton, from back of the cigar counter in St. Joseph, announces that he expects to play ball again next season and that before spring he "expects to reach an agreement with the Jersey City club."

## CHANGING NAMES OF TEAMS

Terms of Endearment Found in Every District of United States—inadequate List is Given.

Persons who talk lightly of discarding all but place names for baseball clubs are plainly unfamiliar with the magnitude of the task. The National and American leagues are but a small part of the show. The country is divided into innumerable districts and subdistricts, and the fanciful terms of endearment are multiplied accordingly.

A very inadequate list from the Pacific coast gives Seals, Oaks, Angels, Tigers, Beavers, Wolves, Bruins.

Down in the sunny south they have Gulls, Barons, Billiken's, Crackers, Steelmakers, Hornets, Capitals, Patriots, Twins, Navigators and Bronchs.

An account of a Texas-Louisiana engagement between clubs of colored players recites the achievements of the Black Buffaloes and the Smart Set. In the Missouri river country we read of Antelopes, Jobbers and Indians.

Occasionally the town name is used, but it is evident that what was at first fanciful has taken possession of the common speech. It is not the reckless reporters alone who call to their aid the inhabitants of the air and sea and the beasts of the field and the forest. The fans talk casually of the menagerie as the most natural thing in the world. It comes easy for them, and who is going to prevent and how?

Great Bend is Winner.  
Great Bend won the pennant in the Kansas State league by taking the deciding series from Lyons. The deciding game, by the way, was the first that Pitcher O'Byrne had lost on the home grounds at Lyons. He had won 14 straight and finished the season with the best record in the league.

Riley was the hero for Great Bend in the deciding series. He won both games of a double-header, then came back and saved the next game. Riley won ten straight games for the new Kansas champions, but the credit for the team's showing is given Manager Alf Wilson, who has kept them playing fast ball at all stages and boasts he has never been over the salary limit, a lesson for a few minor league clubs.

Latest Freak Play.  
From Knoxville, Tenn., that home of peculiar plays, comes a story of a new one from a truthful correspondent. In a recent Appalachian league game, with a man on third, Schiefley of Knoxville stole second. The Bristol second baseman dropped the ball and Schiefley sat down on it. While a search was being made for it the man on third "stole" home. The umpire, says the correspondent, refused to allow a claim of "interference."

Johnson's Good Record.  
Jimmy Johnston smashed a Southern league record for stolen bases last season, although some of the fastest fellows who ever burst into the big show came from that circuit. He has nearly equaled Zelder's Pacific coast mark. Johnston has pilorined nearly ninety bases already and the championship season on the Pacific coast is the longest of the big minor league circuits.

American League Meeting.  
The annual meeting of the American league will be held in Chicago in October instead of at the usual time in December, according to an announcement by President B. B. Johnson. The earlier date was chosen on account of the world's tour of the Chicago club.

Work of a Recruit.  
Yanooey Ayers, the Washington recruit with Richmond in the Virginia league, had, according to recent figures, fanned 212 men in 33 games, and had issued but 23 bases on balls.

Not Provided For.  
In an amateur game at Elyria, O., recently, a triple play was made, but the losing team protested on the ground that the league rules did not provide for a triple play.

## IS CHILD CROSS, FEVERISH, SICK

Look, Mother! If tongue is coated, give "California Syrup of Figs."

Children love this "fruit laxative," and nothing else cleanses the tender stomach, liver and bowels so nicely. A child simply will not stop playing to empty the bowels, and the result is they become tightly clogged with waste, liver gets sluggish, stomach sour, then your little one becomes cross, half-sick, feverish, don't eat, sleep or act naturally, breath is bad, system full of cold, has sore throat, stomach-ache or diarrhoea. Listen, Mother! See if tongue is coated, then give a teaspoonful of "California Syrup of Figs," and in a few hours all the constipated waste, sour bile and undigested food passes out of the system, and you have a well child again. Millions of mothers give "California Syrup of Figs" because it is perfectly harmless; children love it, and it never fails to act on the stomach, liver and bowels.

Ask at the store for a 50-cent bottle of "California Syrup of Figs," which has full directions for babies, children of all ages and for grown-ups plainly printed on the bottle. Adv.

To Swell the Sunday Collection.  
"Uh-well, sah," triumphantly said old Brother Buiginback, "de church wasn't never so prosperous befo' in de livin' world. Yo' see, sah, we all's got wid us Brudder Nick Smash, de callud p'ice-man. On Sundays he shucks off his blue unicorn and takes up de c'lection, and if a brudder don't pungle up 'bout what Brudder Smash considers a fittin' amount, on de f'olderin' Monday, when he's 'uh-representin' de magnitude o' de law, he dusts dat brudder's head wid his club. Yassuh!—de church am sho'ly rollin' in clover since we done took Brudder Smash into de fold!"—Kansas City Star.

## "CASCARETS" FOR SLUGGISH LIVER

No sick headache, sour stomach, biliousness or constipation by morning.

Get a 10-cent box now.

Turn the scascal out—the headache, biliousness, indigestion, the sick, sour stomach and foul gases—turn them out to-night and keep them out with Cascarets.

Millions of men and women take a Cascaret now and then and never know the misery caused by a lazy liver, clogged bowels or an upset stomach.

Don't put in another day of distress. Let Cascarets cleanse your stomach; remove the sour, fermenting food; take the excess bile from your liver and carry out all the constipated waste matter and poison in the bowels. Then you will feel great.

A Cascaret to-night straightens you out by morning. They work while you sleep. A 10-cent box with any drug store means a clear head, sweet stomach and clean, healthy liver and bowel action for months. Children love Cascarets because they never gripe or sicken. Adv.

Direct Way.  
"Can you tell me the most direct way of getting to the City hospital?"  
"Certainly I can. In an ambulance."

Liquid blue is a weak solution. Avoid it. Buy Red Cross Ball Blue, the blue that's all blue. Ask your grocer. Adv.

It is the uncertainty of the weather and women that makes them interesting.



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promptly the suffering due to weak, inactive kidneys and painful bladder action. They offer a powerful help to nature in building up the true excreting kidney tissue, in restoring normal action and in regulating bladder irregularities. Try them.

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