

ments, three of which - Carbon, Hydrogen and Oxygen, are contained in the air and water, and the remaining seven - Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Iron and Sulphur - in the soil. No plant can attain its proper growth, no crop can attain its maximum production, without a sufficiency of all of these ten elements.

Plant food is one of the most easily controlled factors of crop production since the elements may within certain limits be purchased and restored to the soil.

CLIMATE

The element of the section of North Carolina in which this tract of land lies is very desirable. Tempered by its proximity to the ocean, it is mild and free from the extremes found in sections not close to a large body of water. North Carolina, moreover, lies far enough south to insure a long growing season in which two crops of temperate-zone plants may be harvested and a cover crop sown for the winter. This fact not alone lessens the amount of winter feeding for hogs and

cattle, but, also lessens the requirements for winter protection of the stock. Inexpensive buildings meet the conditions.

RAINFALL

The rainfall as reported by the U. S. Government Climatological Bureaus at Raleigh, for Belhaven and Manteo is sufficient and well distributed. Very few, if any, torrential rain storms occur. Fair, dry days occur normally in the spring and fall, seasons of the year when planting and harvesting are undertaken.

MARKETS

Of equal importance with production is marketing. With maximum production in many parts of the West, profits to the farmer are minimized by the distance from markets. The Norfolk Southern Farms are fortunately located in this respect. The South has always consumed more corn and pork than she produced, - hence a ten year average price in Raleigh of 13 cents more per bushel for corn than

CLIMATOLOGICAL DATA FOR YEAR 1916

<u>Annual Mean Temperature</u>	<u>Highest Temp.</u>	<u>Date of Highest Temperature</u>	<u>Lowest Temperature</u>	<u>Date of Lowest Temp</u>
	95	August 11	16	Feb 15 - Belhaven
60.5	94	Sept. 2	15	Jan 1 - Manteo

MONTHLY AND ANNUAL MEAN TEMPERATURE FOR 1916, AND DEPARTURE FROM NORMAL

January		February		March		April		May		June		
T	D	T	D	T	D	T	D	T	D	T	D	
50.4		45.3		49.2		61.9				76.6		-Belhaven
49.6	3.9	44.9	1.9	47.3	-3.7	54.8	-3.1	68.6	1.5	72.4	-1.1	-Manteo

July		August		September		October		November		December		
T	D	T	D	T	D	T	D	T	D	T	D	
78.0		79.0				66.4				46.7		-Belhaven
75.5	-2.7	77.0	-0.4	71.4	-3.3	64.5	1.2	54.1	1.9	46.2	-2.6	-Manteo

Annual

Temperature	Departure
60.5	-0.5 - Manteo

MONTHLY AND ANNUAL PRECIPITATION AND DEPARTURE FROM NORMAL

	January		February		March	
	Ppt.	Depart	Ppt.	Depart	Ppt.	Depart
Belhaven	2.71		1.98		2.20	
Manteo	2.78	-0.32	4.26	-0.21	2.80	-1.5
	April		May		June	
	Ppt.	Depart	Ppt.	Depart	Ppt.	Depart
Belhaven	4.0				3.20	
Manteo	2.0	-1.27	2.65	-2.01	3.91	-1.60
	July		August		September	
	Ppt.	Depart	Ppt.	Depart	Ppt.	Depart
Belhaven	4.69		8.10		2.51	
Manteo	6.92	-0.58	3.87	-2.66	5.00	-0.33
	October		November		December	
	Ppt.	Depart	Ppt.	Depart	Ppt.	Depart
Belhaven	2.80				2.50	
Manteo	1.84	-1.74	1.14	-0.82	3.74	-1.37

AVERAGE FOR STATE FROM 1887 TO 1917

Temperature

Maximum	107
Minimum	-17
Mean	58.9

Precipitation

Av. ppt.	50.15
Av. Snow	8.4
No. R ainy Days	108
No. Clear Days	162

Year 1916

Manteo

No. Rainy Days	81
No. Clear Days	186
No. Partly Cloudy Days	84
No. Cloudy Days	96

in Chicago. This fact opens a local market as well as the market of the entire East, to this tract. Raleigh is but an eight hour run from this land, Norfolk even less, and Richmond in close proximity. New York City, itself is not far away.

The possibilities of this tract of land all point to a production of corn and hogs. Soil and climate are particularly adapted to this combination. Corn, hogs and cattle are staple products. Not only are they in constant demand, - they always will be. Not only are they staple products, they are in a measure non-perishable. No forced sale upon a glutted market will be necessary with such products. Grain elevators may easily be built and will, of course, enter into the policy of the management from the beginning.

When this enormous tract of 45 000 acres has become well developed and the livestock industry is generally established, it might be advantageous for the Community to have its own abattoir and packing house. This packing plant would offer a

select product, which would be transported to New York City and other large eastern markets in "community owned" refrigerator cars, effecting a short haul and prompt dispatch between the producer and the consumer.

TRANSPORTATION

The tract is exceptionally well located in regard to transportation, situated as it is, upon the Norfolk Southern Railroad. This road going south from Norfolk, branches at Mackeys, on Albemarle Sound. One line goes directly south to Belhaven - on which line the tract is located - and the other swings off and runs south about seven miles west of the Belhaven line, going on to Wilson and Raleigh. Between these two lines is a cut-off on which the Broad Acre Ranch is located.

Broad Acre Ranch, a farm entirely similar to the Norfolk Southern Farms has been cleared and drained in part, and the results as obtained in five years are described below. This Ranch farm may well



One of the Lateral Ditches



Ready for Burning

be the Demonstration Farm for the tract, in view of the fact that the cultivation is from one to five years ahead of the Norfolk Southern Farms tract.

LABOR

The farm labor situation is perhaps better in this section than in any other part of the United States. Negroes, trained in the pursuit of farming, are to be had in abundance.

The negro, when intelligently handled, is more dependable, more steady and works willingly for a lower wage than does the itinerate white laborer, who must be largely depended upon for farm labor over the greater part of the country.

SOCIAL SURROUNDINGS

To the young, unmarried man desirous of getting a start in life at a sacrifice of many pleasures, social surroundings mean little. But to a man with a family, the steady, home-building settler, such conditions are important. Belhaven,