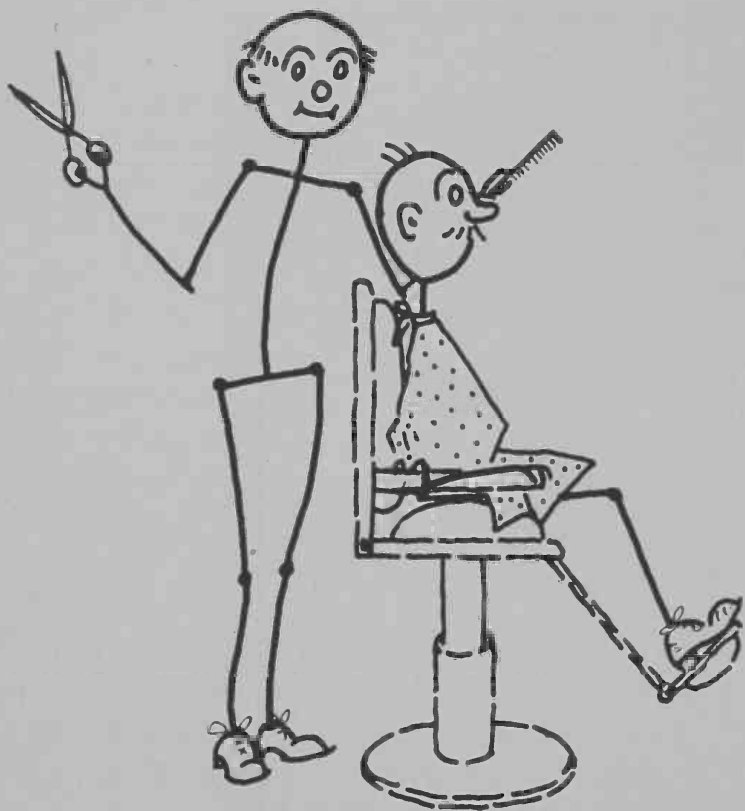


# Cost Has Been *Low*



The annual per-capita cost of Arizona's Land Grant College is about half the cost of one haircut.

The money spent on Arizona's Land Grant College of Agriculture has proved to be one of the most productive investments ever made by the State. The an-

nual expenditures of state and county funds for all three branches — Research, Education and Extension — for the last four years have averaged \$734,780.

This is about 85 cents per capita per year, a little more than half the price of a hair cut. It is six-tenths of one percent of the \$128 which Arizona citizens pay annually in state and local taxes on a per capita basis. The total cost to the State for the 63 years of operation has been a little less than 12 million dollars.

The total income from agriculture for Arizona in 1952 was \$415,773,000 — one-third of the state's income from all sources of \$1,277,600,000. The cost to the State for the operation of its Land Grant College for that year was \$794,076. This is 19 hundredths of one percent of Arizona's agricultural income and six hundredths of one percent of its total income.

The U. S. Department of Agriculture has estimated that Agriculture should be investing *not less than one percent* of its gross income on research alone if the Nation's future needs for food and fiber are to be met. Industrial organizations invest on the average about 2 percent of their gross income for research.

## Average Annual Cost to State of Operating Arizona's Land Grant College of Agriculture by 10-Year Periods

	Research <sup>3</sup>	Instruction	Extension	Total
1890-99	\$ 178	\$ 1,500 <sup>1</sup>	\$	\$ 1,678
1900-09	5,260	2,500 <sup>1</sup>		7,760
1910-19	51,344	25,000 <sup>1</sup>	5,215	81,559
1920-29	103,885	55,352	59,391	218,628
1930-39	107,672	69,290	57,294	234,256
1940-49	194,205	82,883	83,672	360,760
1950-53 <sup>2</sup>	363,692	174,018	197,070	734,780

<sup>1</sup> Estimates only — no accurate figures available before 1922.  
<sup>2</sup> Basis four years.  
<sup>3</sup> Includes expenditures made from returns of farm sales.

# Crop Returns *Increase*

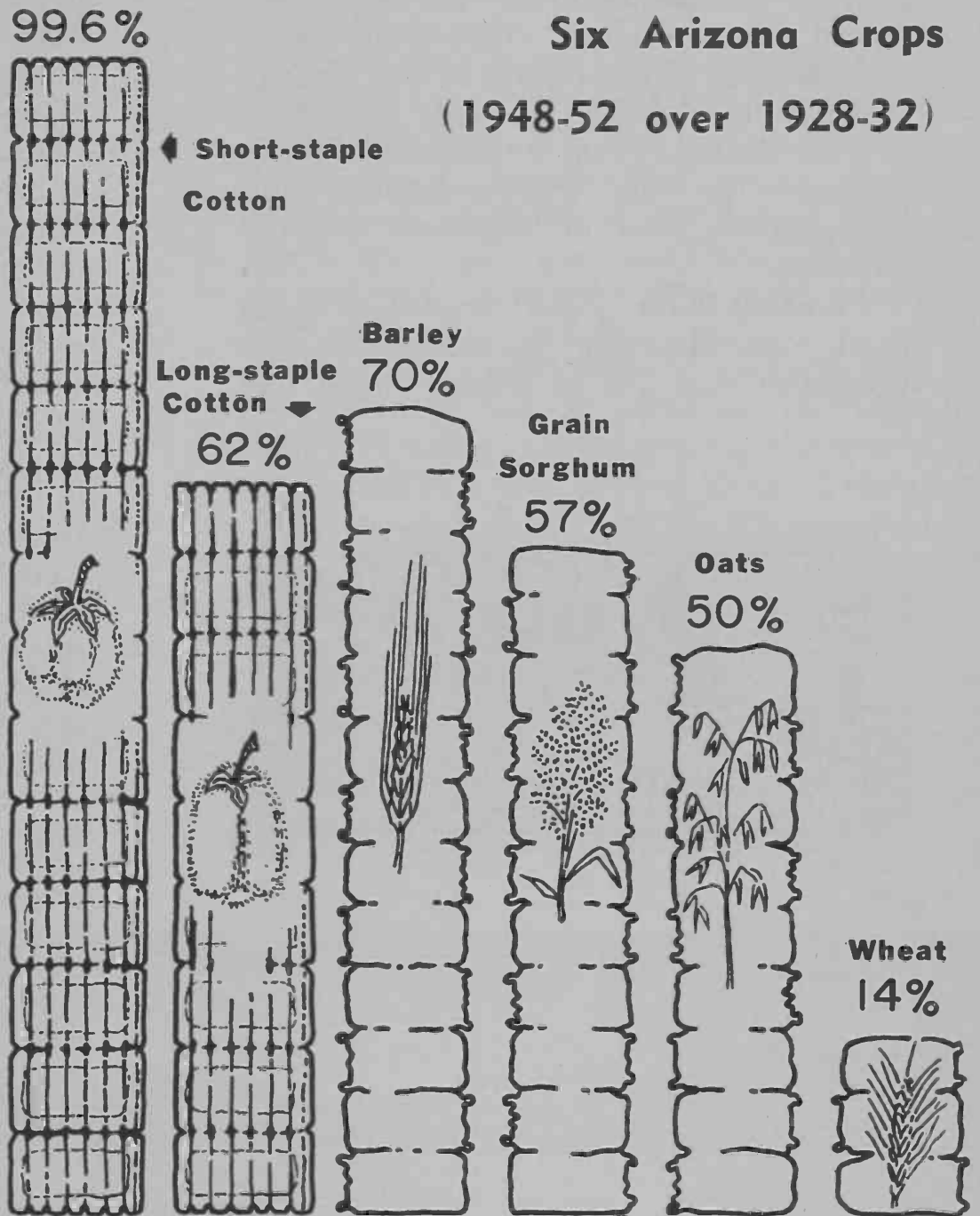
Agriculture in Arizona has grown in many ways, and the College of Agriculture has assisted in that growth by working for and with the farmers of the State.

The average *annual* increase in crop returns for the six leading field crops grown in Arizona for the past five years, above the returns for a similar period 20 years ago, amounts to \$63,945,000 valued at 1948-52 prices. This is sufficient to pay more than five times the cost to this State of operating its Land Grant College system of agricultural education, research, and extension since its beginning.

The chart at right shows the *percentage* increase in average yields of these same six Arizona major field crops. Increases in yields help reduce unit costs of production, giving more opportunity for net profit from the farming operations.

## Percentage Increase in Average Yields of Six Arizona Crops

(1948-52 over 1928-32)



## Average Annual Value of Increases in Yields of Arizona's Field Crops for 5-Year Period 1948-52 Over 20 Years Ago, 1928-32

Crop	Yield Increase Per Acre 1928-32 to 1948-52	Average Harvested Acreage 1948-52	Average Price 1948-52	Value of Increases
Cotton, short.....	+353.4 lbs.	405,000	32.9c lb.) <sup>1</sup> \$71.47 ton) <sup>2</sup>	\$47,089,000 8,177,000
Cotton, long.....	+140.0 lbs.	25,000	88.0c lb.) <sup>1</sup> \$69.77 ton) <sup>2</sup>	\$ 3,080,000 342,000
Grain Sorghums.....	+ 16.0 bu.	55,000	\$1.51 bu.	\$ 1,329,000
Barley.....	+ 21.0 bu.	132,000	\$1.30 bu.	\$ 3,604,000
Oats.....	+ 14.0 bu.	10,000	\$1.12 bu.	\$ 157,000
Wheat.....	+ 3.0 bu.	26,000	\$2.14 bu.	\$ 167,000
<b>TOTAL</b> .....				<b>\$63,945,000</b>

<sup>1</sup> Lint. <sup>2</sup> Seed.