

**TABLE 71.** Common crops grown in the Southeastern<sup>1</sup> United States ranked by acreage planted in 2016

Rank	Crop	Acreage <sup>2</sup> (acres)	Value of Production (\$1,000,000)
1	Soybeans	7,131,000	\$2,783
2	Hay, all types	6,387,000	\$1,713
3	Corn <sup>3</sup>	4,315,000	\$2,110
4	Cotton	2,860,000	\$1,807
5	Winter wheat	1,590,000	\$321
6	Peanuts, all types	1,321,000	\$794
7	Vegetables <sup>4</sup>	345,800	\$1,978
8	Tobacco, all types	236,160	\$943
9	Rye	200,000	\$4
10	Oats	147,000	\$10
11	Sweet potatoes	128,000	\$464
12	Sorghum <sup>3</sup>	78,000	\$11
13	Sweet corn	64,600	\$242
14	Barley	33,000	\$2

Source: [22]

<sup>1</sup>The Southeastern United States includes Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee and Virginia. Acreage and production value are the total for these states.

<sup>2</sup>Data is for acreage harvested.

<sup>3</sup>Value of production for corn and sorghum is for grain.

<sup>4</sup>This represents the sum of the 34 major vegetables grown in the Southeast, which varies by year.

TABLE 7.2. One-, two-, three- and four-year cash crop rotations common in the Southeast with winter cover crops<sup>1</sup>

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter
corn	wheat <sup>2</sup>	soybeans	cover crop	corn	wheat	soybeans	cover crop
corn	cover crop	soybeans	cover crop	corn	wheat	soybeans	cover crop
cotton	cover crop	cotton	cover crop	cotton	cover crop	cotton	cover crop
cotton	wheat	soybeans	cover crop	cotton	cover crop	cotton	wheat
cotton	cover crop	corn	cover crop	cotton	cover crop	cotton	cover crop
cotton	cover crop	corn	cover crop	peanuts	cover crop	cotton	cover crop
peanuts	wheat	soybeans	cover crop	corn	cover crop	peanuts	wheat
peanuts	cover crop	cotton	cover crop	peanuts	cover crop	cotton	cover crop
peanuts	cover crop	cotton	wheat	soybeans	cover crop	peanuts	cover crop
peanuts	cover crop	corn	cover crop	tobacco	cover crop	corn	cover crop
peanuts	cover crop	corn	wheat	soybeans	cover crop	corn	cover crop
rice	fallow	soybeans	cover crop	soybeans	fallow	rice	fallow
soybeans	cover crop	soybeans	cover crop	soybeans	cover crop	soybeans	fallow
soybeans	wheat	soybeans	wheat	soybeans	wheat	soybeans	wheat
tobacco	wheat	soybeans	cover crop	tobacco	wheat	soybeans	cover crop

<sup>1</sup>Traditional rotations leave the fields fallow instead of using cover crops.

<sup>2</sup>When wheat is included as a winter crop, it means wheat for grain.

**TABLE 7.3.** Average cation exchange capacities and average soil pH for different soils orders in the United States

Soil Order	Cation Exchange Capacity (cmol <sub>c</sub> /kg) <sup>1</sup>	Soil pH
Ultisols	3.5	5.6
Alfisols	9	6
Spodosols	9.3	4.93
Mollisols	18.7	6.51
Vertisols	35.6	6.72
Aridisols	15.2	7.26
Inceptisols	14.6	6.08
Entisols	11.6	7.32
Histosols	128	5.5

Source: [12]

<sup>1</sup>Centimoles of charge per kilogram of soil (cmol<sub>c</sub>/kg).