

accounted for 36 percent of the total cropland on class 1-5 farms and 38 percent of the acreage of land from which crops were harvested. In 1969, 77 percent of the cash-grain farms had 100 acres or more of cropland harvested. The sale of grain accounted for 81 percent of all farm products sold on cash-grain farms, and 66 percent of all cash-grain sold in 1969.

Fertilizer was used on 84 percent of the total acreage of corn, and 55 percent of the total acreage of wheat on cash-grain farms in 1969. The average amount of fertilizer used per acre of corn fertilized was 412 pounds per acre, and the average amount of fertilizer used per acre of wheat fertilized was 139 pounds per acre.

The greatest concentration of cash-grain farms was in the North Central region where corn, wheat, and soybeans accounted for 49 percent of the total cropland harvested on cash-grain farms. In the Northeastern States, corn accounted for 34 percent of the total cropland harvested. Sorghum, wheat, and soybeans

accounted for 70 percent of the total cropland harvested in the Southern States. In the Western States, wheat and barley accounted for 75 percent of the cropland harvested. Wheat was the principal cash-grain crop in Colorado, Idaho, Illinois, Kansas, Montana, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Texas, and Washington, and the cash-grain farms in those States were mostly wheat farms. At the national level, wheat, corn, and soybean farms were the principal cash-grain farms.

Cash-grain farms were highly mechanized. Ninety-two percent had tractors other than garden and motor tillers, and 50 percent had grain and bean combines. The degree of mechanization was greater for the farms with a value of farm products sold of \$10,000 or more than for farms with a value of farm products sold of less than \$10,000.

Over 65 percent of all the farm products sold from cash-grain farms came from 105 thousand farms with a value of farm

#### Class 1-5 Farms

Table 4. Tobacco Farms—Characteristics by Economic Class: 1969

	All tobacco farms	Class 1	Class 2	Class 3	Class 4	Class 5
<b>Percent distribution:</b>						
Number of farms.....	100.0	2.3	8.2	19.1	33.0	37.4
Land in farms.....	100.0	10.6	16.2	22.4	26.8	24.0
Value of land and buildings.....	100.0	11.9	17.9	23.4	25.3	21.5
Total cropland.....	100.0	11.3	17.8	23.3	25.9	21.7
Cropland harvested.....	100.0	15.6	22.4	25.5	22.2	14.3
Total value of all agricultural products sold.....	100.0	18.6	21.3	25.1	22.3	12.7
Value of tobacco sold.....	100.0	18.5	20.6	25.0	22.8	13.1
Acres of tobacco harvested.....	100.0	12.9	20.3	25.8	25.0	16.0
<b>Average per farm:</b>						
Land in farm.....acres..	128	592	252	150	104	82
Value of land and buildings.....dollars..	39,508	204,566	85,895	48,522	30,332	22,721
Total cropland.....acres..	65	324	141	80	51	38
Cropland harvested.....acres..	30	207	82	41	20	12
Land irrigated.....acres..	10	35	15	9	5	3
Value of all agricultural products sold.....dollars..	10,470	84,994	27,032	13,811	7,083	3,559
Value of tobacco sold.....dollars..	8,411	68,246	20,999	11,020	5,816	2,945
Value of machinery and equipment.....dollars..	6,146	26,311	11,740	7,249	5,021	3,946
Commercial fertilizer used.....acres..	25	187	70	33	16	9
Corn for all purposes.....acres..	19	90	40	21	12	8
Soybeans harvested.....acres..	23	93	38	21	13	10
Tobacco harvested.....acres..	6	36	16	9	5	3
Tobacco irrigated.....acres..	9	31	13	8	5	3
<b>Expenditures for—</b>						
Farm production expenses.....	6,397	58,403	16,483	8,005	3,820	2,455
Livestock and poultry.....	757	4,052	1,408	818	548	428
Feed for livestock and poultry.....	542	2,922	1,108	637	383	264
Seeds, bulbs, plants, and trees.....	174	969	390	201	109	81
Commercial fertilizer purchased.....	878	6,830	2,421	1,163	560	309
Lime.....	169	560	272	162	118	96
Other agricultural chemicals.....	285	2,132	674	309	150	81
Gasoline and other petroleum fuel and oil for the farm business.....	758	4,539	1,935	1,021	527	334
Hired farm labor.....	1,630	17,672	3,582	1,718	830	483
Contract labor.....	857	3,033	1,454	877	446	323
Machine hire and customwork.....	340	1,442	675	395	244	187
All other production expenses.....	2,430	22,370	6,004	2,946	1,401	1,057
Income from government farm programs.....dollars..	815	4,008	1,518	832	560	437
<b>Workers by number of days worked:</b>						
150 days and over.....	3	7	2	1	1	1
Under 150 days.....	9	30	13	11	8	5
<b>Tractors other than garden tractors and motor tillers.....number..</b>						
	2	4	3	2	2	1
<b>Percent of farms with—</b>						
Income from government farm programs.....	39.4	61.0	55.0	46.5	37.8	32.5
Tractors other than garden tractors and motor tillers.....	84.2	97.3	95.2	91.7	84.2	77.0
Tobacco fertilized.....	100.0	100.0	100.0	100.0	100.0	100.0
<b>Average per acre:</b>						
Corn for grain.....bushels..	58	63	63	59	53	48
Tobacco harvested.....pounds..	1,872	1,893	1,955	1,903	1,859	1,721
Fertilizer per acre of tobacco.....pounds..	1,991	2,288	1,977	1,957	1,915	1,941
<b>Percent of farms operated by—</b>						
Full owners.....	49.0	25.7	23.1	34.9	49.5	62.8
Part owners.....	27.3	57.4	50.1	35.5	24.5	18.8
Tenants.....	23.7	16.9	26.9	29.6	25.9	18.4