

**TABLE 4.4.1.2-1.—Poultry, Swine, and Sheep in a 16-Kilometer  
(10-Mile) Radius of Pantex Plant**

SECTOR	DISTANCE <sup>1</sup> meters (yards)	TYPE	QUANTITY <sup>2</sup>	USAGE
NE	3,915 (4,281)	chickens	6	personal
	11,549 (12,630)	chickens	250	personal
	13,732 (15,017)	hogs	400	commercial
ENE	5,198 (5,684)	sheep	600-800	commercial
ESE	9,465 (10,351)	pigs	4	personal
SSE	9,939 (10,869)	chickens	12	personal
	14,194 (15,522)	pigeons	400	commercial
		quail	500	
		pheasants	500	
S	11,246 (12,298)	pigs	1	personal
	11,356 (12,419)	pigs	4	personal
	11,403 (12,470)	chickens	20	personal
	11,409 (12,477)	chickens	21	personal
SSW	9,116 (9,969)	chickens	300	commercial
SW	6,325 (6,917)	sheep	25	commercial
	6,426 (7,027)	chickens	6	personal
WSW	10,951 (11,976)	chickens	12	personal
	11,258 (12,312)	sheep	8	commercial
W	11,830 (12,937)	chickens	50	commercial

<sup>1</sup>Distance from center of Pantex Plant

<sup>2</sup> Sectors with zero poultry, swine, and sheep populations are not listed

Source: Pantex 1996:10.2

associated with the towns of Canyon, Pampa, Borger and Dumas.

Industrial land use within the 80-kilometer (50-mile) ROI includes Pantex Plant and over 60 industrial facilities involved primarily with beef packing, chemical plants, and construction materials manufacturing. Amarillo and the area surrounding it support approximately 20 of these facilities, and the Pampa and Borger areas have 13 facilities. There are 29 grain elevators in the 80-kilometer (50-mile) area (see Table 4.4.1.2-3) (Pantex 1996:10.1, 10.3).

### Crops and Rangeland

Agriculture is an important industry throughout the ROI. The settlement pattern associated with

agriculture in the Texas Panhandle is characterized by a highly dispersed residential distribution. Farmsteads are usually located along major secondary roadways throughout the rural parts of this area. Information on the predominant crops in the 80-kilometer (50-mile) ROI surrounding Pantex Plant was determined using information from the Texas Natural Resource Information System and crop data from TNRCC. The major crops in the ROI include corn, wheat, sorghum, cotton, soybeans, peanuts, sunflowers, and sugar beets (Table 4.4.1.2-4).

Crop patterns vary by year and by season, utilizing both dryland or irrigation methods. When irrigated, the water is usually pumped