

**Pennsylvania: New Seedings of Alfalfa and Alfalfa Mixtures, 1970-2008**

Year	Area Seeded	Year	Area Seeded
	<i>1,000 Acres</i>		<i>1,000 Acres</i>
-	-	2004	120
1970	-	2005	100
1980	-	2006	110
1990	-	2007	100
2000	130	2008	110

**Pennsylvania: Tillage Practices by Crop, 2009**

Crop	Total Acres Planted	No-Till <sup>1</sup>		Other Conservation Tillage <sup>2</sup>		Conventional Till <sup>3</sup>	
		Acres	% of Total <sup>4</sup>	Acres	% of Total <sup>4</sup>	Acres	% of Total <sup>4</sup>
Corn	1,350,000	770,000	57.0	270,000	20.0	310,000	23.0
Soybeans	450,000	315,000	70.0	90,000	20.0	45,000	10.0
Barley	60,000	33,000	55.0	17,000	28.3	10,000	16.7
Winter Wheat <sup>5</sup>	200,000	110,000	55.0	50,000	25.0	40,000	20.0
Oats	110,000	25,000	22.7	26,000	23.6	59,000	53.6
<b>Total <sup>6</sup></b>	<b>2,170,000</b>	<b>1,253,000</b>	<b>57.7</b>	<b>453,000</b>	<b>20.9</b>	<b>464,000</b>	<b>21.4</b>
Alfalfa Seedings <sup>7/8</sup>	-	-	36.0	-	24.0	-	40.0

<sup>1</sup> No-Till – A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop, or the planting of a crop into sod, previous crop stubble, or a cover where only the intermediate seed zone is disturbed. <sup>2</sup> Other Conservation Tillage – Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge till, strip till, and mulch till. <sup>3</sup> Conventional Till – Systems where 100 percent of the surface is mixed or inverted by plowing, power tilling, or multiple disking. <sup>4</sup> Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding. <sup>5</sup> Wheat seeded the previous fall for all intended purposes including grain, cover, silage, hay or any other utilization. <sup>6</sup> Total excludes Alfalfa Seedings. <sup>7</sup> New alfalfa seeded or to be seeded during 2009. <sup>8</sup> Alfalfa seeded acres will be available in January 2010.

**Pennsylvania: Tillage Practices by Crop, 2008**

Crop	Total Acres Planted	No-Till <sup>1</sup>		Other Conservation Tillage <sup>2</sup>		Conventional Till <sup>3</sup>	
		Acres	% of Total <sup>4</sup>	Acres	% of Total <sup>4</sup>	Acres	% of Total <sup>4</sup>
Corn	1,350,000	650,000	48.2	286,000	21.2	414,000	30.7
Soybeans	435,000	269,000	61.8	78,000	17.9	88,000	20.2
Barley	60,000	29,000	48.3	11,000	18.3	20,000	33.3
Winter Wheat <sup>5</sup>	195,000	95,000	48.7	40,000	20.5	60,000	30.8
Oats	105,000	30,000	28.6	18,000	17.1	57,000	54.3
<b>Total <sup>6</sup></b>	<b>2,145,000</b>	<b>1,073,000</b>	<b>50.0</b>	<b>433,000</b>	<b>20.2</b>	<b>639,000</b>	<b>29.8</b>
Alfalfa Seedings <sup>7</sup>	110,000	45,000	40.9	25,000	22.7	40,000	36.4
<b>Grand Total <sup>8</sup></b>	<b>2,255,000</b>	<b>1,118,000</b>	<b>49.6</b>	<b>458,000</b>	<b>20.3</b>	<b>679,000</b>	<b>30.1</b>

<sup>1</sup> No-Till – A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop, or the planting of a crop into sod, previous crop stubble, or a cover where only the intermediate seed zone is disturbed. <sup>2</sup> Other Conservation Tillage – Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge till, strip till, and mulch till. <sup>3</sup> Conventional Till – Systems where 100 percent of the surface is mixed or inverted by plowing, power tilling, or multiple disking. <sup>4</sup> Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding. <sup>5</sup> Wheat seeded the previous fall for all intended purposes including grain, cover, silage, hay or any other utilization. <sup>6</sup> Total excludes Alfalfa Seedings. <sup>7</sup> New alfalfa seeded or to be seeded during 2008. <sup>8</sup> Includes alfalfa seedings published January 12, 2009.