

## Pennsylvania: New Seedings of Alfalfa and Alfalfa Mixtures, 1970-2010

Year	Area seeded (1,000 acres)	Year	Area seeded (1,000 acres)
-	-	2006	110
1970	-	2007	100
1980	-	2008	110
1990	-	2009	100
2000	130	2010	95

## Pennsylvania: Tillage Practices by Crop, 2011

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	1,400,000	880,000	62.9	270,000	19.3	250,000	17.9
Soybeans	480,000	335,000	69.8	95,000	19.8	50,000	10.4
Barley	62,000	42,000	67.7	12,000	19.4	8,000	12.9
Winter Wheat <sup>5</sup>	195,000	125,000	64.1	40,000	20.5	30,000	15.4
Oats	80,000	25,000	31.3	20,000	25.0	35,000	43.8
<b>Total <sup>6</sup></b>	<b>2,217,000</b>	<b>1,407,000</b>	<b>63.5</b>	<b>437,000</b>	<b>19.7</b>	<b>373,000</b>	<b>16.8</b>
Alfalfa Seedings <sup>7/8</sup>	-	-	42.1	-	21.1	-	36.8

<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 2011. <sup>8</sup> Alfalfa seeded acres will be available in January 2012.

## Pennsylvania: Tillage Practices by Crop, 2010

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	735,000	54.4	315,000	23.3	300,000	22.2
Soybeans	500,000	320,000	64.0	106,000	21.2	74,000	14.8
Barley	60,000	34,000	56.7	14,000	23.3	12,000	20.0
Winter Wheat <sup>5</sup>	165,000	68,000	41.2	44,000	26.7	53,000	32.1
Oats	110,000	35,000	31.8	25,000	22.7	50,000	45.5
<b>Total <sup>6</sup></b>	<b>2,185,000</b>	<b>1,192,000</b>	<b>54.6</b>	<b>504,000</b>	<b>23.1</b>	<b>489,000</b>	<b>22.4</b>
Alfalfa Seedings <sup>7</sup>	95,000	35,000	36.8	26,000	27.4	34,000	35.8
<b>Grand Total <sup>8</sup></b>	<b>2,280,000</b>	<b>1,227,000</b>	<b>53.8</b>	<b>530,000</b>	<b>23.2</b>	<b>523,000</b>	<b>22.9</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 2010. <sup>8</sup> Includes alfalfa seedings published January 12, 2011.