

Pennsylvania: New Seedings of Alfalfa and Alfalfa Mixtures, 1970-2011

Year	Area seeded (1,000 acres)	Year	Area seeded (1,000 acres)
-	-	2007	100
1970	-	2008	110
1980	-	2009	100
1990	-	2010	95
2000	130	2011	70

Pennsylvania: Tillage Practices by Crop, 2012

Crop	Total acres planted	No-Till ¹		Other conservation tillage ²		Conventional till ³	
		Acres	% of total ⁴	Acres	% of total ⁴	Acres	% of total ⁴
Corn	1,460,000	820,000	56.2	349,000	23.9	291,000	19.9
Soybeans	530,000	390,000	73.6	95,000	17.9	45,000	8.5
Barley	75,000	51,000	68.0	14,000	18.7	10,000	13.3
Winter Wheat ⁵	165,000	111,000	67.3	32,000	19.4	22,000	13.3
Oats	100,000	23,000	23.0	34,000	34.0	43,000	43.0
Total ⁶	2,306,000	1,380,000	59.8	520,000	22.5	406,000	17.6
Alfalfa Seedings ^{7/8}			32.6		15.8		52.6

¹ 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. ² 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. ³ Conventional Till – Systems where 100 percent of the surface is mixed or inverted by plowing, power tilling, or multiple disking. ⁴ Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding. ⁵ Wheat seeded the previous fall for all intended purposes including grain, cover, silage, hay or any other utilization. ⁶ Total excludes alfalfa seedings. ⁷ New alfalfa seeded or to be seeded during 2012. ⁸ Alfalfa seeded acres will be available in January 2013.

Pennsylvania: Tillage Practices by Crop, 2011

Crop	Total acres planted	No-Till ¹		Other conservation tillage ²		Conventional till ³	
		Acres	% of total ⁴	Acres	% of total ⁴	Acres	% of total ⁴
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 ⁵	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
Total ⁶	2,217,000	1,407,000	63.5	437,000	19.7	373,000	16.8
Alfalfa Seedings ⁷	70,000	30,000	42.9	15,000	21.4	25,000	35.7
Grand Total ⁸	2,287,000	1,437,000	62.8	452,000	19.8	398,000	17.4

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