

Table 41. Land Use Practices: 2017 and 2012

[For meaning of abbreviations and symbols, see introductory text.]

Item	North Dakota	Adams	Barnes	Benson	Billings	Bottineau
Land drained by tilefarms, 2017	954	2	40	11	2	8
	503	4	11	5	1	6
.....acres, 2017	285,153	(D)	10,779	2,804	(D)	1,276
	140,101	73	1,305	(D)	(D)	(D)
Average per farmacres, 2017	299	(D)	269	255	(D)	160
	279	18	119	(D)	(D)	(D)
Land artificially drained by ditchesfarms, 2017	2,741	1	96	26	5	65
	3,169	1	116	32	2	71
.....acres, 2017	3,397,968	(D)	118,814	21,607	40	91,001
	2,988,764	(D)	76,185	13,257	(D)	52,106
Average per farmacres, 2017	1,240	(D)	1,238	831	8	1,400
	943	(D)	657	414	(D)	734
Land under conservation easementfarms, 2017	1,813	8	103	59	-	40
	2,787	26	114	101	6	92
.....acres, 2017	1,004,361	3,053	42,597	30,321	-	35,133
	938,553	3,664	23,816	37,177	1,242	27,715
Average per farmacres, 2017	554	382	414	514	-	878
	337	141	209	368	207	301
Cropland on which no-till practices were usedfarms, 2017	5,548	113	98	109	42	144
	6,097	115	127	122	57	215
.....acres, 2017	7,778,463	194,978	77,811	126,481	38,718	314,797
	7,848,203	208,960	99,990	174,454	70,346	357,673
Average per farmacres, 2017	1,402	1,725	794	1,160	922	2,186
	1,287	1,817	787	1,430	1,234	1,664
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	6,148	36	268	159	10	199
	4,908	51	211	164	18	133
.....acres, 2017	9,052,235	36,759	412,265	255,779	9,315	380,029
	6,159,886	60,829	275,848	197,609	5,240	232,360
Average per farmacres, 2017	1,472	1,021	1,538	1,609	932	1,910
	1,255	1,193	1,307	1,205	291	1,747
Cropland on which intensive tillage practices were used (see text)farms, 2017	4,601	5	174	88	11	61
	7,952	43	297	159	28	109
.....acres, 2017	5,601,446	(D)	226,493	96,016	1,464	48,675
	8,002,524	11,516	358,119	167,234	6,774	59,814
Average per farmacres, 2017	1,217	(D)	1,302	1,091	133	798
	1,006	268	1,206	1,052	242	549
Cropland planted to a cover crop (excluding CRP)farms, 2017	2,252	34	58	40	19	54
	1,302	30	36	20	5	32
.....acres, 2017	404,267	4,262	13,261	7,164	2,564	11,510
	213,810	2,522	2,127	2,046	363	8,890
Average per farmacres, 2017	180	125	229	179	135	213
	164	84	59	102	73	278

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Table 41. Land Use Practices: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Bowman	Burke	Burleigh	Cass	Cavalier	Dickey
Land drained by tile farms, 2017	-	1	1	110	15	12
	-	1	-	80	6	6
	-	(D)	(D)	42,747	1,891	4,721
..... acres, 2017	-	(D)	(D)	18,267	949	1,296
	-	(D)	(D)	389	126	393
	-	(D)	-	228	158	216
Average per farm farms, 2017	2	9	6	301	209	32
	3	7	14	381	210	50
	(D)	14,080	1,525	495,947	355,430	40,735
..... acres, 2017	371	946	2,434	502,919	259,029	40,971
	(D)	1,564	254	1,648	1,701	1,273
	124	135	174	1,320	1,233	819
Land artificially drained by ditches farms, 2017	4	21	47	39	80	56
	11	60	80	70	70	71
	(D)	16,733	29,055	11,278	55,124	42,764
..... acres, 2017	14,093	17,093	37,604	15,971	20,832	25,760
	(D)	797	618	289	689	764
	1,281	285	470	228	298	363
Average per farm farms, 2017	87	103	144	77	54	116
	110	134	177	63	36	133
	156,727	180,885	200,722	40,853	35,423	154,037
..... acres, 2017	203,650	225,042	226,895	30,611	13,703	168,730
	1,801	1,756	1,394	531	656	1,328
	1,851	1,679	1,282	486	381	1,269
Cropland on which no-till practices were used farms, 2017	26	73	90	232	233	121
	35	62	61	158	152	126
	18,600	102,176	59,760	413,367	452,096	168,743
..... acres, 2017	37,395	56,127	40,403	214,303	265,735	105,433
	715	1,400	664	1,782	1,940	1,395
	1,068	905	662	1,356	1,748	837
Average per farm farms, 2017	17	15	43	349	182	115
	47	53	136	492	318	146
	2,459	9,636	9,326	582,788	347,550	126,732
..... acres, 2017	23,528	41,790	75,387	745,596	540,116	117,524
	145	642	217	1,670	1,910	1,102
	501	788	554	1,515	1,698	805
Average per farm farms, 2017	19	40	44	52	59	60
	24	25	51	22	12	15
	1,749	6,673	5,374	14,391	4,096	12,932
..... acres, 2017	2,876	4,463	4,951	4,065	1,434	5,518
	92	167	122	277	69	216
	120	179	97	185	120	368

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Table 41. Land Use Practices: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Divide	Dunn	Eddy	Emmons	Foster	Golden Valley	Grand Forks
Land drained by tilefarms, 2017	-	1	1	-	7	1	101
	1	4	-	1	2	2	46
	-	(D)	(D)	-	1,070	(D)	24,394
	(D)	346	-	(D)	(D)	(D)	10,348
Average per farmacres, 2017	-	(D)	(D)	-	153	(D)	242
	(D)	87	-	(D)	(D)	(D)	225
	5	10	6	-	37	1	187
	9	11	19	3	46	4	210
Land artificially drained by ditchesfarms, 2017	113	6,712	7,008	-	37,237	(D)	203,420
	1,145	1,496	16,445	30	26,624	16	186,440
	23	671	1,168	-	1,006	(D)	1,088
	127	136	866	10	579	4	888
Average per farmacres, 2017	29	5	16	6	29	6	28
	36	22	31	18	25	11	75
	29,871	1,489	12,064	1,066	11,733	2,400	5,134
	19,519	2,924	12,701	5,074	13,289	2,563	11,097
Land under conservation easementfarms, 2017	1,030	298	754	178	405	400	183
	542	133	410	282	532	233	148
	2012						
	2012						
Average per farmacres, 2017	164	146	61	235	50	73	35
	145	145	65	249	53	76	38
	336,036	138,625	42,583	335,115	57,621	159,311	10,361
	236,572	157,612	50,007	297,421	52,940	143,698	9,599
Average per farmacres, 2017	2,049	949	698	1,426	1,152	2,182	296
	1,632	1,087	769	1,194	999	1,891	253
	2012						
	2012						
Average per farmacres, 2017	56	63	101	50	114	5	140
	57	59	87	45	82	11	101
	57,189	80,528	118,654	34,214	193,971	7,700	166,958
	55,520	52,830	115,583	24,403	114,179	16,188	112,299
Average per farmacres, 2017	1,021	1,278	1,175	684	1,702	1,540	1,193
	974	895	1,329	542	1,392	1,472	1,112
	2012						
	2012						
Average per farmacres, 2017	23	57	32	16	43	6	315
	57	102	75	58	100	39	422
	13,305	10,076	30,353	11,575	55,792	1,079	468,942
	26,367	25,059	44,087	17,436	111,498	8,991	524,196
Average per farmacres, 2017	578	177	949	723	1,297	180	1,489
	463	246	588	301	1,115	231	1,242
	2012						
	2012						
Average per farmacres, 2017	22	39	34	45	53	26	51
	11	22	18	13	7	19	18
	2,243	4,168	4,160	8,646	10,620	2,558	11,148
	1,601	2,183	2,190	3,294	992	2,112	1,653
Average per farmacres, 2017	102	107	122	192	200	98	219
	146	99	122	253	142	111	92
	2012						
	2012						

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Table 41. Land Use Practices: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Grant	Griggs	Hettinger	Kidder	LaMoure	Logan	McHenry
Land drained by tile farms, 2017	-	4	1	2	7	-	3
	1	2	4	-	2	2	2
	-	509	(D)	(D)	2,941	-	1,200
	(D)	(D)	49	-	(D)	(D)	(D)
Average per farm acres, 2017	-	127	(D)	(D)	420	-	400
	(D)	(D)	12	-	(D)	(D)	(D)
	4	58	3	9	46	7	13
	3	68	10	11	61	2	22
Land artificially drained by ditches farms, 2017	1,108	56,335	446	1,746	36,745	1,100	3,900
	361	39,013	419	1,300	27,719	(D)	5,549
	277	971	149	194	799	157	300
	120	574	42	118	454	(D)	252
Average per farm acres, 2017	3	53	10	47	74	38	33
	24	53	33	72	85	28	92
	52	30,198	2,109	27,062	32,113	21,354	24,199
	3,347	17,493	6,242	20,399	30,647	6,747	36,860
Land under conservation easement farms, 2017	17	570	211	576	434	562	733
	139	330	189	283	361	241	401
	123	74	111	138	191	156	113
	192	79	133	123	165	139	132
Average per farm acres, 2017	177,295	74,006	299,695	117,921	184,671	180,565	115,220
	249,135	69,035	312,026	117,859	139,306	192,186	113,008
	1,441	1,000	2,700	855	967	1,157	1,020
	1,298	874	2,346	958	844	1,383	856
Average per farm acres, 2012	67	101	72	73	217	68	156
	76	82	79	85	150	42	143
	60,742	138,080	147,835	57,964	244,234	30,744	216,373
	76,180	87,401	133,276	47,041	165,617	30,383	166,016
Average per farm acres, 2017	907	1,367	2,053	794	1,126	452	1,387
	1,002	1,066	1,687	553	1,104	723	1,161
	31	65	12	70	147	22	58
	83	112	29	145	218	60	169
Average per farm acres, 2017	4,802	79,006	1,223	42,989	140,719	14,619	38,063
	27,410	96,024	11,721	73,403	215,553	13,351	100,478
	155	1,215	102	614	957	665	656
	330	857	404	506	989	223	595
Average per farm acres, 2012	41	90	16	39	45	27	35
	34	61	21	40	24	14	17
	3,389	19,560	2,817	7,429	7,230	2,834	5,598
	2,089	6,396	6,890	5,009	7,150	1,423	1,431
Average per farm acres, 2017	83	217	176	190	161	105	160
	61	105	328	125	298	102	84

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Table 41. Land Use Practices: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	McIntosh	McKenzie	McLean	Mercer	Morton	Mountrail	Nelson
Land drained by tilefarms, 2017	3	1	8	4	6	2	20
	1	3	2	-	5	-	7
	528	(D)	826	255	595	(D)	3,462
Average per farmacres, 2017	(D)	86	(D)	-	15	-	1,262
	176	(D)	103	64	99	(D)	173
	(D)	29	(D)	-	3	-	180
Land artificially drained by ditchesfarms, 2017	4	25	11	-	8	14	65
	3	22	13	5	22	6	75
	1,400	13,858	1,090	-	740	4,545	59,561
Average per farmacres, 2017	801	7,636	2,710	(D)	747	(D)	42,994
	350	554	99	-	93	325	916
	267	347	208	(D)	34	(D)	573
Land under conservation easementfarms, 2017	26	4	56	3	13	12	80
	23	17	65	11	26	39	116
	16,660	4,910	24,599	641	1,620	9,867	41,223
Average per farmacres, 2017	4,693	5,986	22,872	(D)	6,750	10,261	49,579
	641	1,228	439	214	125	822	515
	204	352	352	(D)	260	263	427
Cropland on which no-till practices were usedfarms, 2017	120	123	183	80	213	189	58
	167	102	239	100	252	229	60
	130,001	150,306	350,324	112,265	212,644	372,910	49,989
Average per farmacres, 2017	245,061	130,090	419,782	118,676	243,959	337,797	53,666
	1,083	1,222	1,914	1,403	998	1,973	862
	1,467	1,275	1,756	1,187	968	1,475	894
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	59	77	196	31	152	107	136
	48	98	166	32	140	73	67
	58,117	94,700	317,918	13,569	138,826	177,748	202,648
Average per farmacres, 2017	30,058	127,025	236,426	31,743	114,903	105,191	97,182
	985	1,230	1,622	438	913	1,661	1,490
	626	1,296	1,424	992	821	1,441	1,450
Cropland on which intensive tillage practices were used (see text)farms, 2017	17	56	34	17	78	27	94
	69	142	117	90	189	41	135
	26,806	31,162	13,798	1,113	23,728	5,322	109,736
Average per farmacres, 2017	24,838	53,873	48,235	18,245	50,350	16,505	179,795
	1,577	556	406	65	304	197	1,167
	360	379	412	203	266	403	1,332
Cropland planted to a cover crop (excluding CRP)farms, 2017	22	54	63	32	68	24	47
	24	28	65	20	38	34	17
	4,083	5,732	11,264	2,481	5,113	2,280	7,439
Average per farmacres, 2017	3,487	3,506	11,780	3,017	4,346	5,064	3,870
	186	106	179	78	75	95	158
	145	125	181	151	114	149	228

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Table 41. Land Use Practices: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Oliver	Pembina	Pierce	Ramsey	Ransom	Renville	Richland
Land drained by tile farms, 2017	1	60	9	9	18	2	165
	1	18	1	6	16	1	89
..... acres, 2017	(D)	13,304	928	1,148	4,008	(D)	74,771
	(D)	5,325	(D)	115	2,969	(D)	43,146
Average per farm acres, 2017	(D)	222	103	128	223	(D)	453
	(D)	296	(D)	19	186	(D)	485
Land artificially drained by ditches farms, 2017	-	174	13	110	27	10	274
	2	188	17	140	55	8	298
..... acres, 2017	-	265,857	14,311	199,447	22,030	8,989	388,847
	(D)	213,174	10,899	189,953	12,701	6,070	330,506
Average per farm acres, 2017	-	1,528	1,101	1,813	816	899	1,419
	(D)	1,134	641	1,357	231	759	1,109
Land under conservation easement farms, 2017	2	31	41	87	50	18	34
	17	59	78	141	85	32	54
..... acres, 2017	(D)	5,018	23,850	40,436	22,034	16,550	7,149
	(D)	11,604	34,364	64,073	23,035	13,334	9,859
Average per farm acres, 2017	(D)	162	582	465	441	919	210
	514	197	441	454	271	417	183
Cropland on which no-till practices were used farms, 2017	63	41	99	42	89	80	83
	95	23	81	24	78	115	53
..... acres, 2017	66,410	26,010	120,766	33,159	62,399	176,624	32,644
	78,474	17,886	76,616	15,779	59,785	208,665	26,323
Average per farm acres, 2017	1,054	634	1,220	790	701	2,208	393
	826	778	946	657	766	1,814	497
Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	25	119	128	141	151	133	237
	38	48	121	124	99	82	138
..... acres, 2017	27,315	172,514	182,515	292,818	154,877	301,301	255,848
	38,882	80,968	189,304	195,911	89,865	153,245	111,918
Average per farm acres, 2017	1,093	1,450	1,426	2,077	1,026	2,265	1,080
	1,023	1,687	1,564	1,580	908	1,869	811
Cropland on which intensive tillage practices were used (see text) farms, 2017	23	227	70	107	116	14	369
	37	304	126	193	155	68	460
..... acres, 2017	2,458	402,337	34,789	220,461	105,768	16,908	469,678
	6,988	497,590	97,685	313,515	104,605	61,136	592,826
Average per farm acres, 2017	107	1,772	497	2,060	912	1,208	1,273
	189	1,637	775	1,624	675	899	1,289
Cropland planted to a cover crop (excluding CRP) farms, 2017	30	89	47	49	61	55	64
	17	28	29	18	29	52	27
..... acres, 2017	2,365	20,480	8,081	4,385	15,465	12,342	19,780
	1,506	10,117	5,249	1,980	6,063	17,273	8,526
Average per farm acres, 2017	79	230	172	89	254	224	309
	89	361	181	110	209	332	316

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Table 41. Land Use Practices: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Rolette	Sargent	Sheridan	Sioux	Slope	Stark	Steele
Land drained by tilefarms, 2017	7	27	-	-	-	8	49
	-	22	-	-	-	-	29
	402	6,443	-	-	-	181	10,539
	-	11,836	-	-	-	-	3,970
Average per farmacres, 2017	57	239	-	-	-	23	215
	-	538	-	-	-	-	137
	36	76	10	2	-	17	83
	43	93	15	-	7	8	95
Land artificially drained by ditchesfarms, 2017	49,461	59,535	8,770	(D)	-	1,103	90,740
	44,509	65,706	13,447	-	560	600	92,219
	1,374	783	877	(D)	-	65	1,093
	1,035	707	896	-	80	75	971
Land under conservation easementfarms, 2017	33	53	29	4	12	10	24
	53	79	51	1	8	32	48
	25,771	27,680	28,400	2,760	25,334	3,681	7,348
	26,745	23,979	37,840	(D)	(D)	4,569	6,205
Average per farmacres, 2017	781	522	979	690	2,111	368	306
	505	304	742	(D)	(D)	143	129
	59	92	46	54	66	156	48
	57	86	69	74	76	161	27
Cropland on which no-till practices were usedfarms, 2017	46,823	89,057	70,779	107,126	163,557	247,873	22,632
	46,019	65,692	70,295	72,500	157,101	247,582	13,275
	794	968	1,539	1,984	2,478	1,589	472
	807	764	1,019	980	2,067	1,538	492
Cropland on which reduced tillage, excluding no-till, practices were used (see text)farms, 2017	117	138	96	15	13	90	105
	85	129	81	24	17	81	71
	189,152	167,321	220,230	15,929	28,187	99,609	145,904
	113,380	120,108	158,473	10,355	30,450	98,059	79,076
Average per farmacres, 2017	1,617	1,212	2,294	1,062	2,168	1,107	1,390
	1,334	931	1,956	431	1,791	1,211	1,114
	65	125	35	7	11	33	125
	145	189	53	15	23	90	185
Cropland on which intensive tillage practices were used (see text)farms, 2017	47,811	163,543	37,521	(D)	2,260	4,763	202,619
	103,064	171,823	48,388	3,488	6,232	23,019	277,103
	736	1,308	1,072	(D)	205	144	1,621
	711	909	913	233	271	256	1,498
Average per farmacres, 2017	40	45	25	15	12	32	21
	17	34	18	11	15	41	9
	9,111	13,255	2,530	820	843	5,083	3,852
	1,343	6,313	1,937	1,122	2,253	5,519	982
Average per farmacres, 2017	228	295	101	55	70	159	183
	79	186	108	102	150	135	109

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Table 41. Land Use Practices: 2017 and 2012 (continued)

[For meaning of abbreviations and symbols, see introductory text.]

Item	Stutsman	Towner	Traill	Walsh	Ward	Wells	Williams	
Land drained by tile farms, 2017	11	2	105	77	3	22	5	
	2012	16	3	55	32	3	1	
	acres, 2017	1,516	(D)	37,091	22,630	(D)	4,692	
	2012	1,202	(D)	20,235	7,409	(D)	(D)	
Average per farm acres, 2017	138	(D)	353	294	(D)	213	84	
	2012	75	(D)	368	232	(D)	(D)	
	Land artificially drained by ditches farms, 2017	87	87	186	195	18	49	22
		2012	78	98	180	232	23	63
acres, 2017		57,879	96,716	241,812	252,330	8,473	47,596	
2012		41,499	99,589	236,115	214,600	19,169	80,183	
Average per farm acres, 2017	665	1,112	1,300	1,294	471	971	277	
	2012	532	1,016	1,312	925	833	1,273	
	Land under conservation easement farms, 2017	108	81	6	55	41	57	9
		2012	103	72	24	115	55	23
acres, 2017		51,328	51,081	(D)	20,726	16,980	32,345	
2012		29,212	31,014	2,786	30,038	19,170	32,657	
Average per farm acres, 2017	475	631	(D)	377	414	567	442	
	2012	284	431	116	261	349	605	
	Cropland on which no-till practices were used farms, 2017	195	8	29	44	184	136	211
		2012	250	24	13	38	226	108
acres, 2017		237,660	4,790	15,766	16,221	397,363	211,499	
2012		276,831	14,860	5,747	11,125	313,350	154,465	
Average per farm acres, 2017	1,219	599	544	369	2,160	1,555	2,372	
	2012	1,107	619	442	293	1,387	1,430	
	Cropland on which reduced tillage, excluding no-till, practices were used (see text) farms, 2017	254	183	99	133	218	165	100
		2012	184	94	64	120	186	120
acres, 2017		389,609	343,130	132,517	197,725	403,083	291,711	
2012		234,559	167,041	104,679	125,575	279,562	208,314	
Average per farm acres, 2017	1,534	1,875	1,339	1,487	1,849	1,768	1,733	
	2012	1,275	1,777	1,636	1,046	1,503	1,736	
	Cropland on which intensive tillage practices were used (see text) farms, 2017	191	111	225	290	70	82	25
		2012	300	228	275	388	201	159
acres, 2017		262,001	113,557	362,151	419,177	55,924	86,711	
2012		328,014	309,944	393,395	468,141	132,081	183,703	
Average per farm acres, 2017	1,372	1,023	1,610	1,445	799	1,057	582	
	2012	1,093	1,359	1,431	1,207	657	1,155	
	Cropland planted to a cover crop (excluding CRP) farms, 2017	87	32	18	56	41	45	36
		2012	20	20	11	20	20	24
acres, 2017		23,775	4,504	4,247	8,122	7,046	19,752	
2012		4,583	1,889	3,749	3,279	2,043	5,985	
Average per farm acres, 2017	273	141	236	145	172	439	102	
	2012	229	94	341	164	102	134	