West, T.O., and W.M. Post. 2002. Soil Organic Carbon Sequestration by Tillage and Crop Rotation: A Global Data Analysis (http://cdiac.ornl.gov/programs/CSEQ/terrestrial/westpost2002/westpost2002.html). Carbon Dioxide Information Analysis Center, U.S. Department of Energy, Oak Ridge National Laboratory, Oak Ridge, Tennessee, U.S.A.

Site descriptions of agricultural experiments used in this study.

Site ID	City	State/Country	Latitude	Longitude	[1] Annual	[1] Annual	Soil type	[2] Sand	[2] Silt	[2] Clay	Exp. Duration	Year
			(deg)	(deg)	precip. (mm)	temp. (C)		(%)	(%)	(%)	(yr)	established
AL01	Crossville	Alabama	34.18	-86.01	1325	16	Hartsells sandy loam	#65	#20	#15	10	1979
AL02	Auburn	Alabama	32.88	-85.81	1346	18	Pacolet sandy loam	#65	#20	#15	99	1896
Alb01	Rycroft	Alberta	55.43	-118.41	449	2	Falher clay	6	31	63	6	1989
Alb02a	Lethbridge	Alberta	49.42	-112.5	402	5	Chokio clay loam	41	27	32	78	1912
Alb02b	Lethbridge	Alberta	49.42	-112.5	402	5	Chokio clay loam	41	27	32	34	1951
Alb02c	Lethbridge	Alberta	49.42	-112.5	402	5	Chokio clay loam	41	27	32	24	1968
Arg01	Cordoba	Argentina	-32.42	-62.05	900	17	Marcos Juarez silty loam	10	65	25	17	1975
Arg02	Balcarce	Argentina	-37.45	-58.18	870	13.7		#10	#65	#25		1984
Arg03	Buenos Aires	Argentina	-37.52	-63.01	654	15	sandy loam	#65	#20	#15	15	1975
Aus01	Warwick	Australia	-28.12	152.06	685	17.5	Hermitage clay	11	24	65	20	1968
Aus02	Wagga Wagga	Australia	-34.54	147.64	550	*17	clay loam	#35	#38	27	10	1979
Aus03	Condobolin	Australia	-33	147	430	17.2	clay loam	#35	#38	#27	14	1979
Aus04	Warra	Australia	-26.47	150.53	*925	*17		#27	#17	#56	10	1986
Bra01	Eldorado do Sul	Brazil	-30.5	-51.38	1440	19.4	Acrisol sandy clay loam	54	24	22	9	1985
Bri01	Dawson Creek	British Columbia	55.46	-120.21	297	-1.6	Donnelly silt loam	28	49	23	10	1978
Den01	Jutland	Denmark	55.28	9.07	*602	*8	sandy loam	#65	#20	#15	90	1895
Edi01	Edinburgh	Scotland	55.83	-3.6	*845	*7	Macmerry loam	56.7	30.3	13	24	1967
Edi02	Edinburgh	Scotland	55.83	-3.6	*845	*7	Winton sandy clay loam	53.4	30.9	15.7	24	1967
Eng01	Harpenden	England	51.63	-0.45	*594	*10		13	67	20	123	1852
Eng03	North Yorkshire	England	53.85	-1.3	661	*9	Wothersome sandy clay loam	45	30	25	9	1971
Fra01	Essone	France	48.23	1.63	600	10.5		#58	#20	22	15	1970
GA01	Athens	Georgia	33.56	-83.22	1246	16.5	Hiwassee loam	64	12	22	16	1978
Ger02	Giessen	Germany	51	8.64	600	9	sand	65	29.3	57	17	1980
IA01	Kanawha	Iowa	42.98	-93.64	813	7.8	Webster clay loam	21.9	44.9	33.2	36	1954
IA02	Nashua	Iowa	42.97	-92.68	825	8	Kenyon loam	31.9	45.6	22.4		1979
IA03	Sutherland	Iowa	42.92	-95.96	711	8	Galva silty clay loam	2.6	62.2	35.2		1956
IA04	Boone County	Iowa	42	-93.79	840	8.9	Canisteo silty clay loam	#10	#55	#35		1992

IL01	Vienna	Illinois	37.43	-88.94	*1159	*13.7	Grantsburg silt loam	4	77	19	6	1989
IL02	Urbana	Illinois	40.06	-88.13	1004	11	Flanagan silt loam	8	67	25	69	1876
IL03	Urbana	Illinois	40.06	-88.13	1004	11	Thorp silty loam	#20	#65	#15	9	1986
IL04	Elwood	Illinois	41.2	-88.1	905	9.3	Blount silt loam	17.7	57.7	24.6	6	1975
IN01		Indiana	41.24	-86.85	*981	*10	Tracy sandy loam	59	39	3	7	1973
IN02		Indiana	40.13	-85.29	*1000	*10	Chalmers silty clay loam	9	59	32	7	1975
KA01	Manhattan	Kansas	39.09	-96.37	835	12.8	Muir silt loam	8	66	26	12	1974
KA02	Manhattan	Kansas	39.09	-96.37	835	12.8	Grundy silt loam	#20	#65	#15	12	1974
KA03	Manhattan	Kansas	39.09	-96.37	835	12.8	Eudora silt loam	#20	#65	#15	8	1978
KY01	Lexington	Kentucky	38.07	-84.29	1140	13	Maury silt loam	7	70	23	20	1970
MD01	Wye Mills	Maryland	38.9	-76.05	*1116	*13	Bertie silt loam	#20	#65	#15	12	1973
MD02	Quantico	Maryland	38.37	-75.75	*1127	*13	Mattapex silt loam	#20	#65	#15	12	1973
MD03	Clarksville	Maryland	39.1	-76.79	*1063	*13	Delanco silt loam	#20	#65	#15	11	1974
MI01	East Lansing	Michigan	42.5	-85.5	782	8.6	Metea loamy sand	#80	#10	#10	19	1963
MI02	Saginaw Valley	Michigan	43.23	-84.07	788	8.6	Sims sandy clay loam	54	20	26	20	1972
MN01	Lamberton	Minnesota	44.14	-95.18	632	6.2	Webster clay loam	31	42	27	31	1960
MN02	Waseca	Minnesota	44	-93.3	790	6.9	Nicollet clay loam	40.9	32.6	26.5	11	1969
MN03	Waseca	Minnesota	44	-93.3	790	6.9	Webster clay loam	30.8	32.8	36.4	6	1975
MO01	Columbia	Missouri	38.57	-93.2	973	13	Mexico silt loam	8	75	17	100	1888
MS01	Senatobia	Mississippi	34.31	-89.57	*1393	*17	Grenada silt loam	#20	#65	#15	8	1987
MT01	Culbertson	Montana	48.36	-104.73	360	4.9	Dooley sandy loam	#65	#20	#15	9	1983
ND01	Grant County	North Dakota	46.46	-100.55	402	5	Temvik-Wilton silt loam	27.6	51.67	20.7	7	1984
ND02	Fargo	North Dakota	46.95	-96.95	503	5.1	Fargo clay	#17	#38	#45	10	1977
NE01a	Sidney	Nebraska	41.13	-102.59	380	8	Duroc silty loam	40	35	25	22	1970
NE01b	Sidney	Nebraska	41.13	-102.59	380	8	Duroc silty loam	40	35	25	22	1970
NE02	Sydney	Nebraska	41.1	-103	380	8	Alliance silt loam	37.1	40	22.9	12	1968
NE03a	Mead	Nebraska	41.24	-96.6	*771	*11	Sharpsburg silty clay loam	#10	#55	#35	10	1983
NE03b	Mead	Nebraska	41.1	-96.25	680	11	Sharpsburg silty clay loam	#18	#50	#32	16	1975
NE04	Lincoln	Nebraska	40.65	-96.47	*776	*11	Sharpsburg silty clay loam	#60	#15	#25	10	1981
Nor01	As	Norway	59.67	10.7	*740	*6	clay loam	#35	#30	#35	31	1953
Nor02	Tune	Norway	59.25	10.95	*740	*6	clay	#17	#38	#45	13	1976
OH01	Wooster	Ohio	40.8	-82	905	9.1	Wooster silt loam	25	60	15	31	1962
OH02	Hoytville	Ohio	41	-84	845	9.5	Hoytville silty clay loam	21	42	37	30	1963

OH03	South Charleston	Ohio	39.8	-83.5	952	11.9	Crosby silt loam	15	65	20	30	1963
OK01	El Reno	Oklahoma	35.4	-97.6	822	15.8	Bethany silt loam	25	52	23	11	1983
Ont01	Woodslee	Ontario	42.13	82.44	876	8.9	Brookston clay loam	28	35	37	35	1959
OR01a	Pendleton	Oregon	45.44	-118.37	420	10.2	Walla Walla silt loam	12	70	18	65	1931
OR01b	Pendleton	Oregon	45.44	-118.37	420	10.2	Walla Walla silt loam	12	70	18	44	1940
Que01	Quebec	Canada	45.84	-73.31	*940	*6.5	Neubois silt loam	27	50	23	11	1978
Sas01	Indian Head	Saskatchewan	50.32	-103.31	427	2.5	Indian Head heavy clay	16.3	20.6	63.1	30	1957
Sas02	Melfort	Saskatchewan	52.49	-104.36	410	0.8	Melfort sily clay	16.6	42	41.4	30	1957
Sas03a	Swift Current	Saskatchewan	50.17	-107.48	358	3.5	Swinton loam	30	50	20	23	1966
Sas03b	Swift Current	Saskatchewan	50.17	-107.48	358	3.5	Swinton loam	#30	#50	#20	14	1981
Sas04	Cantuar	Saskatchewan	50.17	-107.48	358	3.5	Hatton fine sandy loam	72	18	10	15	1982
Sas05	Stewart Valley	Saskatchewan	50.17	-107.48	358	3.5	Sceptre heavy clay	26	32	42	15	1982
SC01	Florence	South Carolina	34.18	-79.44	*1117	*17.4	Norfold loamy sand	#80	#10	#10	7	1979
Swe01	Uppsala	Sweden	59.93	17.93	*555	*7	clay loam	22	41	37	35	1956
TX02	Bushland	Texas	35.11	-102.05	473	14	Pullman clay loam	21.8	50	28.2	12	1982
TX03	Temple	Texas	31.49	-97.57	860	19	Houston Black clay	4.8	39	56.2	10	1983
TX04	Corpus Christi	Texas	27.66	-97.57	660	22	Orelia sandy loam	55.7	20.8	23.5	15	1979
WI01	Arlington	Wisconsin	43.18	-89.21	791	7.6	Plano silt loam	10	68	22	23	1958
WI02	Lancaster	Wisconsin	42.51	-90.42	833	7.8	Rosetta silt loam	6	77	17	24	1967
Zea01	Palmerston North	New Zealand	-40.38	175.45	*1546	*13	Tokomaru silt loam	#20	#65	#15	10	1978
Zea02	Wakanui	New Zealand	-43.21	172.3	750	*11	Wakanui silt loam	5	67	28	9	1978
Zea03	Canterbury	New Zealand	-43.21	172.3	650	*11	Wakanui silt loam	#20	#65	#15	10	1979

[1] Values displayed in red and preceded by asterisk (*) were estimated from U.S. and global climate databases.

[2] Values displayed in red and preceded by pound sign (#) were estimated using the soil textural triangle based on soil types and classifications provided in the published papers.