Table 1. The geographical information of SCAN sites used in this study.

Site name	Site ID	State*	Climate region**	Latitude (degree)	Longitude (degree)	Soil texture***					Elevation (m)
						5 cm	10 cm	20 cm	50 cm	100 cm	
Blue Creek	2135	UT	Mediterranean continental	41.93 N	112.43 W	SIL	SIL	SIL	SICL	SIL	1582
Centralia Lake	2094	KS	Humid continental	39.07 N	96.17 W	SIC	SIC	SIC	SIC	SICL	397
Green River	2131	UT	Semiarid	39.02 N	110.17 W	FSL	FSL	FSL	L	FSL	1252
Holden	2127	UT	Semiarid	39.20 N	112.40 W	FSL	FSL	FSL	L	SL	1445
Little Red Fox	2155	UT	Semiarid	40.18 N	110.30 W	CL	CL	CL	CL	CL	1645
Molly Caren #1	2014	OH	Humid continental	39.95 N	83.45 W	SIL	SIL	SIL	C	L	323
Perdido Riv Farms	2181	AL	Humid subtropical	31.12 N	87.33 W	/	/	/	/	/	91
Sevilleta	2171	NM	Semiarid	34.35 N	106.68 W	/	/	/	/	/	1595
Shagbark Hills	2068	IA	Humid continental	42.43 N	95.77 W	SICL	SICL	SICL	SICL	SICL	427
Silver City	2086	MS	Humid subtropical	33.08 N	90.52 W	SIL	SIL	SIL	SICL	SICL	35
Willow Wells	2108	NM	Semiarid	33.53 N	103.63 W	FS	FS	FS	SCL	COSL	1383
Youmans Farm	2038	SC	Humid subtropical	32.67 N	81.20 W	/	/	/	/	/	23

*Abbreviations in state: AL: Alabama, IA: Iowa, KS: Kansas, MS: Mississippi, NM: New Mexico, OH: Ohio, SC: South Carolina, UT: Utah

**Köppen climate classification

***Abbreviations in soil texture: C: clay, CL: clay loam, COSL: coarse sandy loam, FS: fine sand, FSL: fine sandy loam, L: loam, LCOS: loamy coarse sand, LFS: loamy fine sand, S: sand; SCL: sandy clay loam, SIC: silty clay, SICL: silty clay loam, SIL: silt loam, VFSL: very fine sandy loam.