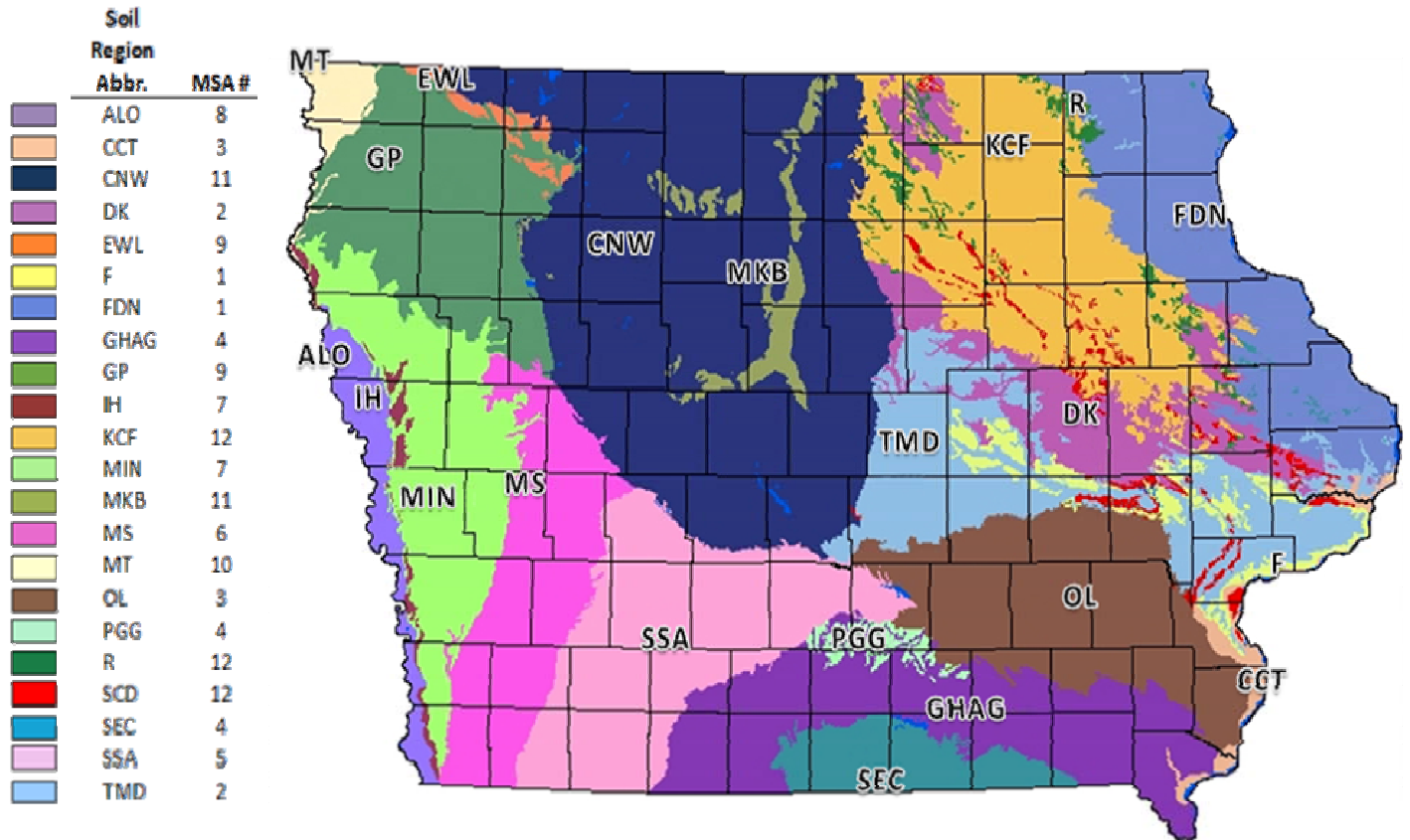
























Principal Soil Associations and Major Soil Areas of Iowa



Map of Iowa delineating the 22 principal soil association areas (letters) and the 12 major soil areas (numbers) (from Fenton et al., 1971). Detailed descriptions of the soil associations and MSAs are listed below.

Soil Region	Abbr.	MSA #	Soil Names	Parent Material and Associated Features
	ALO	8	Albaton-Luton-Onawa	Missouri River Alluvium
	CCT	3	Colo-Chequest-Titus	Mississippi River Alluvium
	CNW	11	Clarion-Nicollet-Webster	Loamy Wisconsinan Glacial Till
	DK	2	Dinsdale-Klinger	Thin Loess over Till
	EWL	9	Everly-Wilmonton-Letri	Tazewell Glacial Till
	F	1	Fayette	Thick Loess on steep slopes
	FDN	1	Fayette-Downs-Nordness	Loess with Bedrock Outcrops
	GHAG	4	Grundy-Haig-Arispe-Gara	Loess on Ridges with outcrops of Till-SC and SE Iowa
	GP	9	Galva-Primghar	Loess - NW Iowa
	IH	7	Ida-Hamburg	Very thick Loess on Missouri River Bluffs
	KCF	12	Kenyon-Clyde-Floyd	Iowan Erosion Surface on pre-Wisconsinan Till
	MIN	7	Monona-Ida-Napier	Thick Loess
	MKB	11	Marna-Kossuth-Bode	Lacustrine Deposits
	MS	6	Marshall-Shelby	Loess with outcrops of Till - SW Iowa
	MT	10	Moody-Trent	Loess over Till - NW Iowa
	OL	3	Otley-Ladoga	Loess on broad Ridges and outcrops of Till - SE Iowa
	PGG	4	Persing-Gosport-Gara	Loess, Shale, and Till - SC Iowa
	R	12	Rockton	Shallow to Bedrock
	SCD	12	Sparta-Chelsea-Dickinson	Eolian Sand
	SEC	4	Seymour-Edina-Clarinda	Loess on broad Ridges with outcrops of Paleosols
	SSA	5	Sharpsburg-Shelby-Adair	Loess on broad Ridges and outcrops of Till - SW Iowa
	TMD	2	Tama-Muscatine-Downs	Loess on Ridges and Sideslopes