

COHASSET SERIES*

The Cohasset series consists of well-drained soils underlain by cobbly andesitic conglomerate. These soils are on tabular volcanic ridges and colluvial side slopes. The soils on ridges are undulating to hilly, and those on side slopes are strongly sloping to very steep. Slopes are 2 to 75 percent. The vegetation is conifer-hardwood forest and an understory of brush, forbs, and sparse grass. Elevation ranges from 2,000 to 4,000 feet. The annual rainfall is 48 to 58 inches, and the average annual air temperature is about 56°F. The frost-free season is 140 to 230 days.

In a representative profile the surface is generally littered with such forest debris as pine needles, oak leaves, and other vegetative material. Similar material below the surface becomes more decomposed as depth increases. The mineral surface layer is about 15 inches of brown cobbly loam. Reaction is medium acid. The subsoil is about 81 inches of reddish-brown and strong-brown cobbly heavy loam, cobbly clay loam, and cobbly light clay loam. Reaction in the subsoil is medium acid and strongly acid. A substratum of weathered andesitic conglomerate is at a depth of about 96 inches.

Permeability is moderately slow in these soils. Effective rooting depth is 42 to 60 inches or more.

The Cohasset soils are used mostly for timber production. Small acreages are used for pasture, grazing, or deciduous orchards.

Individual Soil Types	Cobblestone	Runoff	Erosion	Capability Unit	Water Holding Capacity	Uses
Cohasset loam 2 to 9% slopes (CmB)	Less than 15%	Medium	Slight	Ile-1	7 to 11 inches	Timber production, grazing, orchards
Cohasset loam 9 to 15% slopes (CmC)	Less than 15%	Medium	Slight – Moderate	IIle-1	7 to 11 inches	Timber production, grazing, orchards
Cohasset loam 15 to 30% slopes (CmD)	Less than 10%	Medium to Rapid	Moderate – High	IVe-1	7 to 11 inches	Timber production, limited grazing, orchards
Cohasset cobbly loam 3 to 30% slopes (CoD)	10 – 30%	Medium to Rapid	Slight – Moderate	IVe-1	5.5 to 9 inches	Timber production, limited grazing, orchards
Cohasset cobbly loam 30 to 50% slopes (CoE)	15 – 30%	Rapid	Moderate – High	VIe-1	5.5 to 9 inches	Timber production, limited grazing
Cohasset-McCarthy cobbly loam 15 to 50% slopes (CsE)	15 – 35%	Rapid	Moderate – High	VIe-1	5.5 to 9 inches	Timber production, limited grazing
Cohasset-McCarthy cobbly loam 50 to 75% slopes (CsF)	15 – 50%	Rapid	Very High	VIIe-1	5.5 to 9 inches	Timber production, very limited grazing

*Applies in general to individual soil types.