

Figure 4.6 — Flowchart for estimating textural classes

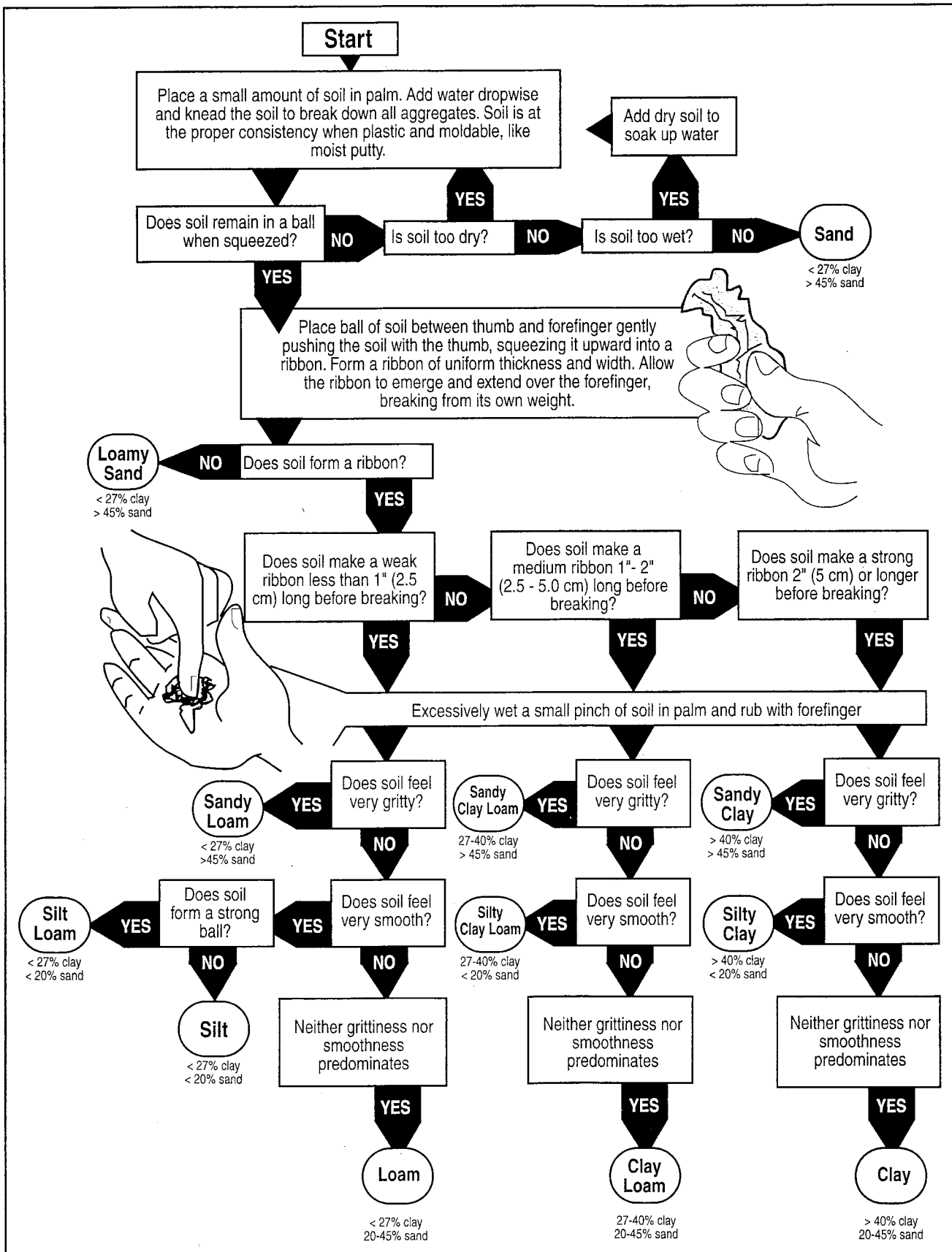


Table 12. Guide for judging soil water deficit based on soil feel and appearance for several soil textures.

SOIL TEXTURE CLASSIFICATION					
Moisture deficiency in ft.	Coarse (loamy sand)	Sandy (sandy loam)	Medium (loam)	Fine (clay loam)	Moisture deficiency in ft.
.0	(field capacity) Leaves wet outline on hand when squeezed.	(field capacity) Appears very dark, leaves wet outline on hand, makes a short ribbon.	(field capacity) Appears very dark, leaves wet outline on hand, will ribbon out about one inch.	(field capacity) Appears very dark, leaves slight moisture on hands when squeezed, will ribbon out about two inches.	.0
.2	Appears moist, makes a weak ball.	Quite dark color, makes a hard ball.	Dark color, forms a plastic ball, sticks when rubbed.	Dark color, will stick and ribbons easily.	.2
.4	Appears slightly moist, sticks together slightly.	Fairly dark color, makes a good ball.	Quite dark, forms a hard ball.	Quite dark, will make thick ribbon, may stick when rubbed.	.4
.6	Appears to be dry, will not form a ball under pressure.	Slightly dark color, makes a weak ball.	Fairly dark, forms a good ball.	Fairly dark, makes a good ball.	.6
.8	Dry, loose, single-grained flows through fingers. (wiltng point)	Very slight color due to moisture, loose, flows through fingers. (wiltng point)	Slightly dark, forms weak ball.	Will ball, small clods will flatten out rather than crumble.	.8
1.0		Lightly colored by moisture, will not ball.	Lightly colored, small clods crumble fairly easily.	Slightly dark, clods crumble.	1.0
1.2			Slight color due to moisture, powdery, dry, sometimes slightly crusted but easily broken down in powdery condition. (wiltng point)	Somedarkness due to unavailble moisture, hard, baked, cracked sometimes has loose crumbs on surface. (wiltng point)	1.2
1.4					1.4
1.6					1.6
1.8					1.8
2.0					2.0