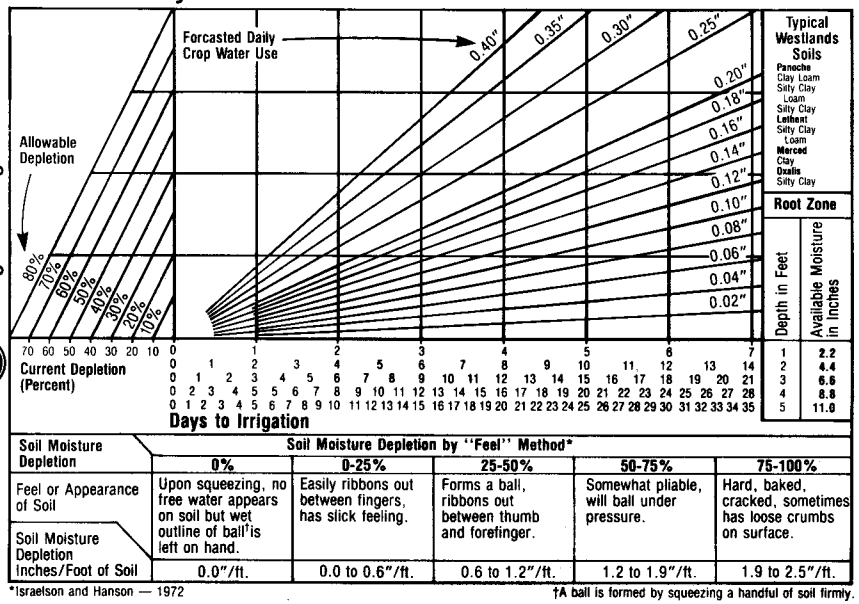
Irrigation Scheduling Chart for Fine & Very Fine Textured Soil.

Westlands Water District — Water Conservation and Management Program



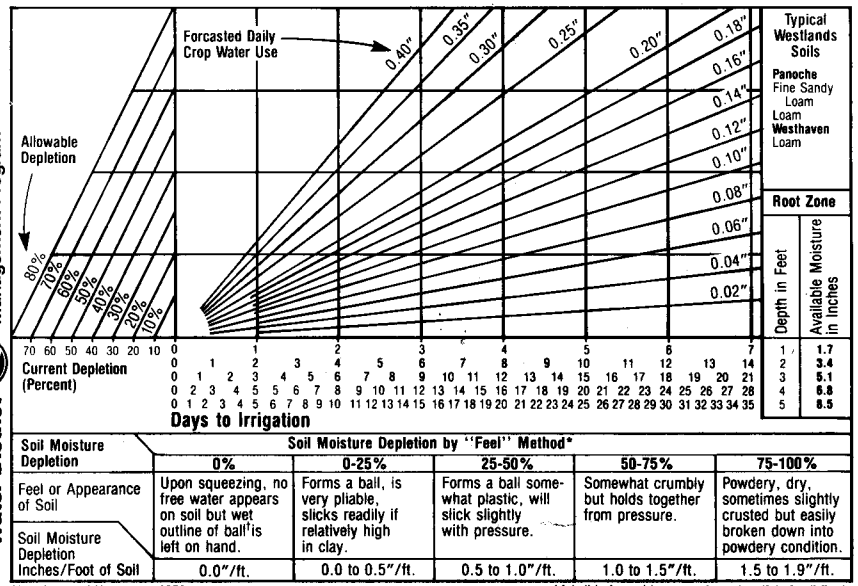
Soil Moisture Depletion	Soil Moisture Depletion by "Feel" Method*				
	0%	0-25%	25-50%	50-75%	75-100%
Feel or Appearance of Soil	Upon squeezing, no free water appears on soil but wet outline of ball† is left on hand.	Easily ribbons out between fingers, has slick feeling.	Forms a ball, ribbons out between thumb and forefinger.	Somewhat pliable, will ball under pressure.	Hard, baked, cracked, sometimes has loose crumbs on surface.
Soil Moisture Depletion Inches/Foot of Soil	0.0"/ft.	0.0 to 0.6"/ft.	0.6 to 1.2"/ft.	1.2 to 1.9"/ft.	1.9 to 2.5"/ft.

*Israelson and Hanson — 1972

†A ball is formed by squeezing a handful of soil firmly.

Irrigation Scheduling Chart for Medium Textured Soil.

Westlands Water District — Water Conservation and Management Program



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	0%	0-25%	25-50%	50-75%	75-100%
Feel or Appearance of Soil	Upon squeezing, no free water appears on soil but wet outline of ball† is left on hand.	Forms a ball, is very pliable, slicks readily if relatively high in clay.	Forms a ball somewhat plastic, will slick slightly with pressure.	Somewhat crumbly but holds together from pressure.	Powdery, dry, sometimes slightly crusted but easily broken down into powdery condition.
Soil Moisture Depletion Inches/Foot of Soil	0.0"/ft.	0.0 to 0.5"/ft.	0.5 to 1.0"/ft.	1.0 to 1.5"/ft.	1.5 to 1.9"/ft.

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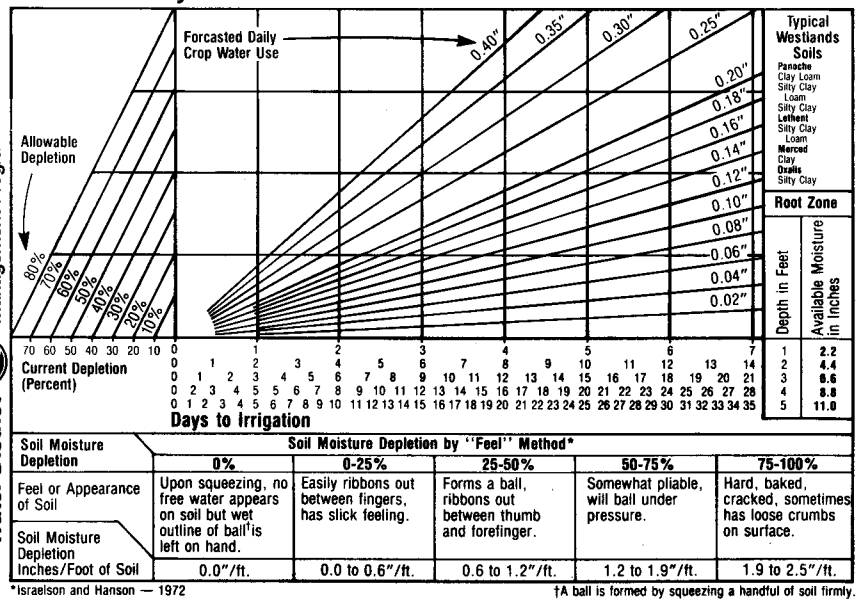

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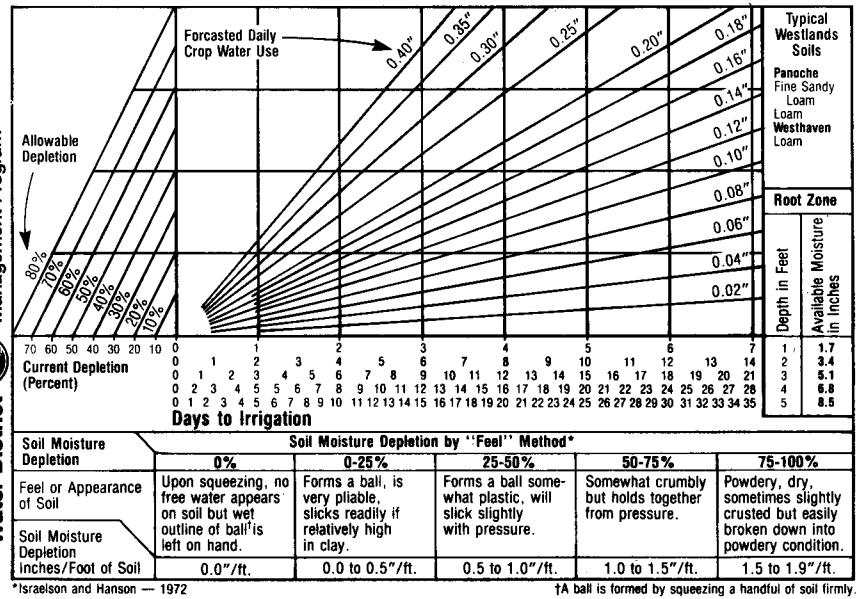

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