

The accompanying chart comparing differences of major soil and climate characteristics between eastern and western Washington soils and climate is starkly revealing. Note particularly annual rainfall amounts and key soil mineral levels.

Comparative Soil Mineral Composition
Pounds Per Acre

Mineral	Western WA	Eastern WA	Difference
Calcium	800-1000	10-20,000	+/- 9000-19000
Phosphate	20-30		200+/- 175
Potash	120	400	280
Nitrogen [not a mineral]	1.61%		
Magnesium	Very little	300	250
Trace Elements			
Fe, Mo, B, Zn, Cu, etc.	Very little	Substantial	large
Other Parameters			
Rainfall	30-180 inches	8-16 inches	+/- 20-170 inches
PH	4.8-6.2 (acid)	7.0-9.0 (alkali)	2 to 4 points