

B-1-f. Cropland, Orchard, Papaya Guidance Document

SOILS

<u>Symbol</u>	<u>Map Unit</u>
rLV	Lava flows, a'a
rLW	Lava flows, pahoehoe

These areas are mapped as miscellaneous land types. These lavas have no soil covering them and are bare of vegetation. The a'a lava is rough and broken, while the Pahoehoe lava has a billowy glassy surface that is relatively smooth. These lavas are converted to cropland by ripping and smoothing with a dozer. There is no erosion hazard on these soils. Nutrient leaching is possible. Small, frequent applications of nutrients are recommended.

REPRESENTATIVE RESOURCE CONCERNS

- poor soil tilth
- plant suitability
- plant productivity
- soil moisture management for irrigated cropland
- pesticide & nutrient ground water contaminants

EFFECTS: (+) = Beneficial effect (0) = No effect (-) = Negative effect

Resource:	SOIL				WATER						AIR		PLANTS		ANIMALS	
Considerations:	Erosion		Condition		Quantity		Quality				Quality	Condition	Suitability	Condition	Management	
Concern Practice	Sheet & Rill	Ephemeral Gully	Soil Tilth	Compaction	Inadequate Outlets	Water Mgt.	Ground Water Contaminants		Surface Water Contaminants		Airborne Sediment & Smoke Particles – Onsite & Offsite	Air Movement	Plants Unsuitable for Intended Use	Productivity (kind and distribution)	Population & Resource Balance	
							Pesticide	Nutrient	Pesticide	Nutrient						
Land Smoothing	-	+	-	0	0	+	+	+	+	-	-	0	0	+	+	-
Nutrient Mgt.	0	0	0	0	0	0	0	+	0	+	0	0	0	+	+	+
Pest Mgt.	+	0	0	0	0	+	+	0	+	0	+	0	0	+	+	-