

Treatment Option Case Study - Hawaii
(proposed management system)

Conservation Effects Worksheet

Cropland - Papaya
(land use and crop)

Resource Setting: Hilo, Hawaii

Soils - rMAD
 Elevation - 200 ft
 Rainfall - 100 inches per year

Conservation Treatment:

Change type of fertilizer from granular to slow release.

Resource Problems Before Treatment:

Potential leaching of nutrients/pesticides into groundwater.

ACTIONS (Kinds, Amounts, Timing)	EFFECTS (Effects of Continuing Bench System)
Fertilizer <ul style="list-style-type: none"> • 1st year - 710 lbs./ac 14-14-14 slow release • 2nd year - 700 lbs./ac slow release • 3rd year - 460 lbs./ac slow release 	Total N applied reduced from 750 lbs./ac to 270 lbs./ac.
<p>Comments:</p>	