

# Cover Crop Chart for Hawaii

← High Elevation →			← Low Elevation →					
← Grass →		← Broadleaf →						← Grass →
		← Legume →					A Sesame <sup>R*</sup> 4 lb/acre	
A Barley 70 lb/acre						A Buckwheat 90 lb/acre	A Pearl Millet 15 lb/acre	
A Cereal Rye 100 lb/acre	A Canola 15 lb/acre	B Yellow Sweet Clover 20 lb/acre	A Wolly pod Vetch 75 lb/acre	P Jack bean 50-60 lb/acre	( <sup>A</sup> CA Blackeye 5', <sup>A</sup> 'Purple knuckle', <sup>A</sup> 'TS Brown', <sup>A</sup> 'MS Silver') Cowpea <sup>R</sup> 120 lb/acre	A Mustard 15 lb/acre	A Oat 90 lb/acre	
A Oat 90 lb/acre	A Mustard 15 lb/acre	P White Clover 15 lb/acre	A Hairy vetch 40 lb/acre	P Velvet Bean <sup>R*</sup> 40 lb/acre	A Soybean 50-75 lb/acre	A Rape Seed <sup>S</sup> 15 lb/acre	A Black Oat 75 lb/acre	
A Winter Wheat 120 lb/acre	A Rape Seed <sup>S</sup> 15 lb/acre	SP Red Clover 20 lb/acre	A Bell Bean 200 lb/acre	P Pigeon Pea 75 lb/acre	A/P Lablab 100 lb/acre	A Oil Radish <sup>S</sup> 10 lb/acre	A Grain Sorghum 50-75 lb/acre	
A Annual Ryegrass 100 lb/acre	A Oil Radish <sup>S</sup> 10 lb/acre	P ( <sup>A</sup> 'Moapa 69') <sup>R</sup> Alfalfa 20 lb/acre	A Austrian Winter pea <sup>R</sup> 100 lb/acre	P Perennial Peanut <sup>R</sup> 40 lb/acre	A Sunn Hemp <sup>R*</sup> 75 lb/acre	A Marigold <sup>R</sup> 3 lb/acre	A Sorghum-Sudangrass <sup>R</sup> 50-75 lb/acre	

A = annual; B= Biennial; P = Perennial; SP = Short-term perennial.

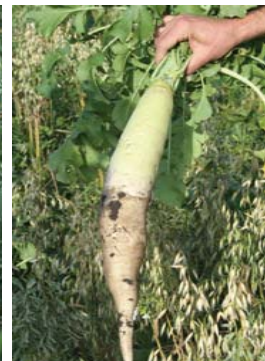
R = resistant to root-knot but not reniform nematode; (note: only certain cultivars are resistant to root-knot nematodes for alfalfa and cowpea; cowpea is very susceptible to reniform nematode).

S = suppressive to plant-parasitic nematodes if soil incorporated.

R\*= sunn hemp and velvetbean are resistant to root-knot and reniform nematodes; marigold, *Tagetes patula* is resistant to root-knot and reniform, *T. erecta* is only resistant to root-knot; sesame is resistant to southern and peanut root-knot nematode (*Meloidogyne incognita* and *M. arenaria*) but not Javanica root-knot (*M. javanica*).



Sunn hemp



Oil radish



Wolly pod vetch



Sudangrass + lablab



Buckwheat



Cowpea + marigold