

Natural Resources Conservation Service
Pacific Islands Conservation Practice Jobsheet

Kauai

Nutrient Management (590)

Jobsheet Prepared for: Date: 10/31/12

Client Name	Farmer Brown		Business Name		Home Farm	
Tract Number	123	Field #	1	Field Ac.	2.0	

Jobsheet Prepared by:

Planners Name	Planner Smith	Planner is Nutrient Management Certified	Yes
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Purpose/Justification/Site Conditions of Planned Practice

Resource Problem

Primary Purpose

Additional Criteria to the General Criteria for the Selected Practice Purpose

#N/A

Nitrogen Leaching Risk Assessment	Moderate	Phosphorus Index Risk Assessment	Low	Erosion Rate	<T
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Summary of Conservation Practice

In general the plant nutrients will be applied just prior to planting with additional applications during the crop growing season.

Field and Crop Information Table

Follows a Legume	Crop Rotation	Yield Goal	Crop Length (days)
Yes	Sweet Corn	6 truck loads/ac	100
No	Squash	7000 lbs/ac	75
No	Green beans	8,000 lbs/ac	75

Soil Test Information Table

Units	<input type="checkbox"/> ppm	<input checked="" type="checkbox"/> lbs/ac						
N	P	K	pH	%OM	EC	Other	Other	Other
	120	200	6.5					

Recommended Nutrients (lbs/ac) to Meet Objectives Table

Crops Rotation	N	P ₂ O ₅	K ₂ O	Lime	Other
Sweet Corn	200	80	100	0	
Squash	150	80	100		
Green beans	75	80	100		

Nutrient Credits Table

	N	P ₂ O ₅	K ₂ O
	-----lbs/acre -----		
Nitrogen Credit from Soil Organic Matter	0	Notes: it is estimated that the green beans will provide 40 lbs of N/ac	
Nitrogen Credit from Previous Legume Crop	40		
Nutrient Credit from Previously applied Biosolids			
Other:			

Lime Application Adjustments Due to Rock Content Table

Soil Map Unit	Rock Fragments	% Rock Content in Plow Layer

Practice Implementation Requirements

The Right Amount to Apply

Crop Rotation	N	P ₂ O ₅	K ₂ O	Lime	Other
	-----lbs/ac -----				
Sweet Corn	160.0	80.0	100.0	0.0	0.0
Squash	150.0	80.0	100.0		0.0
Green beans	75.0	80.0	100.0		0.0

The Right Form:	Commercial Fertilizer
Other:	

The Right Placement:	Surface applied with incorporation
Other:	

The Right Timing:	Spit-application of total nutrients into 4-6 smaller applications
Other:	

Other Specifications:	
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Fertilizer Blending Calculator Table

Sweet Corn		N	P ₂ O ₅	K ₂ O	Estimated Fertilizer Needed	Planned Fertilizer Application
					lbs/ac	lbs/ac
Nitrogen Source		46%	0%	0%	261	150
Phosphate Source		19%	19%	19%	316	400
Potash Source		0%	0%	60%	125	0
Actual Plant Available Nutrients	lbs/ac	145	76	76	Planned Lime = 0	

Squash		N	P ₂ O ₅	K ₂ O	Estimated Fertilizer Needed	Planned Fertilizer Application
					lbs/ac	lbs/ac
Nitrogen Source		46%	0%	0%	245	125
Phosphate Source		19%	19%	19%	316	400
Potash Source		0%	0%	60%	125	0
Actual Plant Available Nutrients	lbs/ac	134	76	76		

Green beans		N	P ₂ O ₅	K ₂ O	Estimated Fertilizer Needed	Planned Fertilizer Application
					lbs/ac	lbs/ac
Nitrogen Source		46%	0%	0%	122	30
Phosphate Source		19%	19%	19%	316	300
Potash Source		0%	0%	60%	125	50
Actual Plant Available Nutrients	lbs/ac	71	57	87		

Under Application		Application meets Spec		Over Application
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Nutrient Management Record Keeping

Name:
 Field Number:

Crop & Plant Date:

Date	Application Rate lbs/ac	Formulation		
		N	P ₂ O ₅	K ₂ O

Crop & Plant Date:

Date	Application Rate lbs/ac	Formulation		
		N	P ₂ O ₅	K ₂ O

Crop & Plant Date:

Date	Application Rate lbs/ac	Formulation		

Date	lbs/ac	N	P ₂ O ₅	K ₂ O

Crop & Plant Date:

Date	Application Rate lbs/ac	Formulation		
		N	P ₂ O ₅	K ₂ O

Lime Applications		
Date	Application Rate	Dolomite or Crushed Coral

Natural Resources Conservation Service
Pacific Islands Conservation Practice Certification

Nutrient Management (590)

Jobsheet Prepared for:				Date:	
Client Name	Farmer Brown		Business Name		Home Farm
Tract Number	123	Field #	1	Field Ac.	2.0

Certification Prepared by:	
Planners Name	Must be a 590 Certified Planner

Purpose/Justification/Site Conditions of Planned Practice (check applicable purposes)

Resource Problem	0
Primary Purpose	0

Based on the attached record keeping and documentation provided by the client list nutrients applied

	Nitrogen (N)	Phosphate (P ₂ O ₅)	Potash (K ₂ O)	Lime
Sweet Corn				
Squash				
Green beans				

Has the plan been followed?	Yes	No	If No do not certify practice.
Has the resource concern been protected?	Yes	No	If No do not certify practice.

IF the above two questions are answered Yes then the practice should be certified complete. Must have adequate JAA.

_____ Certification Signature _____ Date

By answering "No" to any of the above questions simply means that this practice should not be certified at this time. In the box below describe what needs to occur before the practice can be certified and share with the client.



EXAMPLE