

Natural Resources Conservation Service
Pacific Islands Conservation Practice Jobsheet

Kauai
PIA-East

Conservation Cover (327)

Jobsheet Prepared for: Date: 04/25/12

Client Name	Farmer		Business Name					
Tract Number	1234	Field #	1	Field Ac.	2.0	Planned Amount	0.8	ac

Jobsheet Prepared by: JAA Sufficient for Practice

Planners Name	Planner	Planners JAA:	1	JAA Required for Practice:	1
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Purpose/Justification/Site Conditions of Planned Practice

Resource Problem: Soil Erosion - Sheet and Rill

Primary Purpose: Reduce soil erosion and sedimentation

Additional Criteria to the General Criteria for the Selected Practice Purpose

The amount of plant biomass and cover needed to reduce wind and water erosion to the planned soil loss objective shall be determined using the current approved wind and/or water erosion prediction technology.

Site Conditions	Site Rainfall	45	Site Elevation	450	Soil Map Unit Symbol	LuA
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Summarize Conservation Practice for Cooperator

This area of field #1 as shown on the conservation plan map will be planted the the below mixture of seeds to control the current excessive level of erosion. Over time the Annual ryegrass stand wil reduce, but will help cover the ground while the Bermuda is establishing

PIA Vegetative Guide Recommendations Site Irrigated?

Field Name	Species to be Planted		Material Used for Establishment	Percent Planned	Planting Rate	Units
North portion of field 1	Annual ryegrass		Seeding (PLS)	25%	5	lbs/ac
	<i>Lolium multiflorum</i>	1/6/				
North portion of field 1	Bermuda grass		Seeding (PLS)	100%	6	lbs/ac
	<i>Cynodon dactylon</i>	4/5/				

If any of the above species are potentially invasive or if they are outside the PIA Veg Guide you need approval from the Plant Materials Specialist and the appropriate Technical Specialist.

This plan will require approximately the following to be applied	3.8	lbs (PLS)	Annual ryegrass
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This plan will require approximately the following to be applied	4.5	lbs (PLS)	Bermuda grass
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Additional Information/Requirements:

Enter any items that the rest of this does not address.

Foot notes for Veg Guide for the selected practice:

1/ Use annuals for rapid, temporary cover. 2/ A bushel equals 1.25 cubic feet. Use annuals for rapid, temporary cover. 3/ Native to Hawaii. 4/ Resistant to root-knot nematodes. 5/ Tolerant of soil salinity and wind-borne salt. 6/ Potentially invasive species (see Introduction page 1). In order to include potentially invasive species in a client's conservation plan, planners are required to obtain the appropriate PIA State Agronomist's approval via email with concurrence from the PIA Plant Materials Specialist. Planners are also required to document the approval /concurrence in the client's conservation plan. 7/ Native to PIA West Area. 8/ Tolerates acid, low fertility soils. 9/ Tolerates wet soil conditions.

Site Preparation/Planting Times and Methods/Soil Amendments

Site Preparation:

Conventional Tillage	Seedbed preparation will consist of plowing, disking, or other conventional tillage practices. Seedbed will be free of weeds and will be worked down to create a firm seedbed.
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Other Requirements

Planned Planting Dates:

Seeding will be planted at the beging of the rainy season unless irrigation water is available.

Planting Methods:

Broadcast and Roll/Drag

A proper seed bed should be established before this planting method should be used. When seeds are to be broadcast the seed bed should be firm.

Other Requirements Seeds should not be more than 1/4 of an inch deep folowing the rolling operation

Soil Amendments

Recommendations:	Nitrogen (N)	Phosphate (P₂O₅)	Potash (K₂O)	Lime
lbs/ac	0	0	0	0

Operation and Maintenance Requirements

Mowing and harvest operations in perennial crop systems such as orchards, vineyards, berries and nursery stock shall be done in a manner which minimizes the generation of particulate matter. If wildlife habitat enhancement is a purpose, maintenance practices and activities shall not disturb cover during the reproductive period for the desired species. Exceptions should be considered for mowing when necessary to maintain the health of the plant community. Maintenance measures must be adequate to control noxious weeds and other invasive species. To benefit insect food sources for grassland nesting birds, spraying or other control of noxious weeds shall be done on a "spot" basis to protect forbs and legumes that benefit native

Client's Acknowledgement (To be completed after practice I&E and design have been approved.)

By signing below, I acknowledge that I:

- have reviewed this Job sheet and have an understanding of its contents and requirements;
- will make no changes to this Job sheet, without prior concurrence of NRCS;
- will install, operate, and maintain this practice in accordance with this Job sheet; and
- will obtain all necessary permits and/or rights, comply with all ordinances and laws, and notify all utilities pertaining to the

Signature

Date

Cooperator Implementation Requirements

The Who, Where, Why, When, and How for Practice Implementation:

4/25/2012

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Practice Summary:

the current excessive level of erosion. Over time the Annual ryegrass stand will reduce, but will help cover the ground while the Bermuda is establishing

Who:

This practice specification is designed for: **Farmer** By **Planner**

Where:

This practice will be applied on **0.8 ac** of field **1** located on tract number **1234**

Why:

This practice is being applied for the purpose of addressing the resource concern of:

Soil Erosion - Sheet and Rill

When:

Seeding will be planted at the beginning of the rainy season unless irrigation water is available.

How:

Site Preparation: **Conventional Tillage**

Planting Methods: **Broadcast and Roll/Drag**

Seeds should not be more than 1/4 of an inch deep following the rolling operation

Species to Plant:

Annual ryegrass

Planting Rate:

5 lbs/ac

Total amount to be applied:

3.8 lbs (PLS)

Required Fertilizer:

lbs/ac

Nitrogen (N)

0

Phosphate (P2O5)

0

Potash (K2O5)

0

Lime

0

Additional Information for Practice Installation:

Enter any items that the rest of this does not address.

Natural Resources Conservation Service
Pacific Islands Conservation Practice Certification
Conservation Cover (327)

Certification Prepared for:					Date:			
Client Name	Farmer		Business Name		0			
Tract Number	1234	Field #	1	Field Ac.	2	Planned Amount	0.75	ac
Certification Prepared by:								
Planners Name		Planners JAA:		JAA Required for Practice:			1	
Resource Concern Identified					Soil Erosion - Sheet and Rill			
Select Primary Purpose					Reduce soil erosion and sedimentation			
Establishment Checkout Notes								
Field Name	Species Planted			Material Used for Establishment	Percent Established	Planting Rate	Units	
Site Preparation:								
How was the field prepared?								
When was the field planted?								
How was the planting installed?								
amendments applied? (lbs/ac)	Nitrogen (N)	Phosphate (P ₂ O ₅)		Potash (K ₂ O)		Lime		
Has the plan been followed?	Yes	No	If No do not certify practice.					
Is the planting success >75%?	Yes	No	If No do not certify practice.					
Has the resource concern been protected?	Yes	No	If No do not certify practice.					
<p>IF the above three questions are answered Yes then the practice should be certified complete. _____</p> <p>Must have adequate JAA. Certification Signature _____ Date _____</p>								
<p>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.</p>								