

Data Set Number 152: Answers of individual interviewed farmers to the questions about the reasons for cowpea cultivation

Identification_Information:

Citation:

Citation_Information:

Originator: Ryoichi Matsunaga

Publication_Date: 1 Dec., 2006

Publication_Time: Unknown

Title: Answers of individual interviewed farmers to the questions about the reasons for cowpea cultivation

Edition: 1st Version

Geospatial_Data_Presentation_Form: tabular digital data

Publication_Information:

Publication_Place: Japan

Publisher: Japanese Society for Tropical Agriculture

Online_Linkage: \\Isc-svr01\GeoNetwork\fakaradatabase\r.matsunaga\answers of individual interviewed farmers to the questions about the reasons for cowpea cultivation\Answers of individual interviewed farmers to the questions about the reasons for cowpea cultivation.dbf

Description:

Abstract: Cowpea is mostly planted as an intercrop between pearl millet (*Pennisetum glaucum*) rows around two weeks after planting of millet and weed control was the most important practice during the cropping season. The farmers prefer dual purpose cowpea varieties with desired proportion of grain and fodder yields rather than mainly grain type and fodder type varieties. About two third of the farmers purchase cowpea seeds at the time of planting from the local market, due to strong demand of domestic consumption, sales in the local market for cash after the harvest and poor harvest of cowpea grains.

Purpose: collect latest information about cropping systems, cultural practices, production constraints and farmers' preference in three typical villages in the Sahel.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 20040108

Ending_Date: 20050331

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Unknown

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: 2.583333

East_Bounding_Coordinate: 2.866667

North_Bounding_Coordinate: 13.583333

South_Bounding_Coordinate: 13.333333

Data_Set_G-Polygon:

Data_Set_G-Polygon_Outer_G-Ring:

G-Ring_Point:

G-Ring_Latitude: 13.52775

G-Ring_Longitude: 2.66024

G-Ring_Point:

G-Ring_Latitude: 13.37954

G-Ring_Longitude: 2.84407
 G-Ring_Point:
 G-Ring_Latitude: 13.50950
 G-Ring_Longitude: 2.77607

Keywords:
Theme:
 Theme_Keyword_Thesaurus: None
 Theme_Keyword: cowpea
 Theme_Keyword: Vigna unguiculata
 Theme_Keyword: production
 Theme_Keyword: on farm survey
Place:
 Place_Keyword_Thesaurus: None
 Place_Keyword: Fakara
 Place_Keyword: Sahel
 Place_Keyword: West Africa
Temporal:
 Temporal_Keyword_Thesaurus: none
 Temporal_Keyword: 2004
 Temporal_Keyword: 2005

Access_Constraints: Only the case authorized by originator
 Use_Constraints: Only the case authorized by originator
Point_of_Contact:
Contact_Information:
 Contact_Organization_Primary:
 Contact_Organization: JIRCAS
 Contact_Person: Ryoichi Matsunaga
 Contact_Position: Senior Researcher
Contact_Address:
 Address_Type: mailing and physical
 City: Tsukuba
 Postal_Code: 305-8686
 Country: Japan
 Contact_Voice_Telephone: +81-29-838-6352
 Contact_Electronic_Mail_Address:
 ryoichi_matsunaga@jircas.affrc.go.jp
 Hours_of_Service: 9:00am - 18:00pm
 Contact_Instructions: Prefer to contact by mailing address
 Data_Set_Credit: Soja Amadou, ICRISAT-Niamey
 Native_Data_Set_Environment: Microsoft Excel; dBase ; ESRI ArcCatalog
 9.0.0.535

Data_Quality_Information:
Attribute_Accuracy:
 Attribute_Accuracy_Report: About 15-16% of households (57
 households) in the three villages were interviewed
Quantitative_Attribute_Accuracy_Assessment:
 Attribute_Accuracy_Value: Number of interviewed farmers
 Attribute_Accuracy_Explanation: Around twenty farmers in each
 three villages (Bani Zoumbou, Kodey, and Tchigo Tegui).
 The total number of households was 145, 135 and 100 in Bani
 Zoumbou, Kodey, and Tchigo Tegui, respectively.

Lineage:
Process_Step:
 Process_Description: interview to the cowpea farmers in three
 villages of Fakara area and input the data into spreadsheet of Excel and
 processed them by Excel
 Process_Date: Unknown

Spatial_Data_Organization_Information:
 Direct_Spatial_Reference_Method: Point
 Point_and_Vector_Object_Information:
 SDTS_Terms_Description:
 SDTS_Point_and_Vector_Object_Type: Area point
 Entity_and_Attribute_Information:
 Detailed_Description:
 Entity_Type:
 Entity_Type_Label: Answers of individual interviewed farmers to
 the questions about the reasons for cowpea cultivation
 Attribute:
 Attribute_Label: OID
 Attribute_Definition: Internal feature number.
 Attribute_Definition_Source: ESRI
 Attribute_Domain_Values:
 Unrepresentable_Domain: Sequential unique whole numbers that
 are automatically generated.
 Attribute:
 Attribute_Label: C0
 Attribute_Definition: Household number
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C1
 Attribute_Definition: Importance of Fodder
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C2
 Attribute_Definition: Importance of Grain
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C3
 Attribute_Definition: Importance of Vegetable
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C4
 Attribute_Definition: Importance of Soil fertility
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C5
 Attribute_Definition: Importance of Striga
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C6
 Attribute_Definition: Utilization of cowpea: Fodder sale
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C7
 Attribute_Definition: Utilization of cowpea: Grain sale
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C8
 Attribute_Definition: Utilization of cowpea: Vegetable sale
 Attribute_Definition_Source: Ryoichi Matsunaga
 Attribute:
 Attribute_Label: C9
 Attribute_Definition: Effects of Cowpea soil fertility
 Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C10
Attribute_Definition: Source of seeds: Market
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C11
Attribute_Definition: Source of seeds: Self
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C12
Attribute_Definition: Source of seeds: Others or farmers
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C13
Attribute_Definition: Source of seeds: Organization
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C14
Attribute_Definition: Pest as constrains of Cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C15
Attribute_Definition: Diseases as constrains of cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C16
Attribute_Definition: Drought as constrains of cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C17
Attribute_Definition: Standing as constrains of cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C18
Attribute_Definition: Soil fertility as constrains of cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C19
Attribute_Definition: Heavy Rain as constrains of cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C20
Attribute_Definition: Wind as constrains of cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Attribute:
Attribute_Label: C21
Attribute_Definition: Sowing as constrains of cowpea cultivation
Attribute_Definition_Source: Ryoichi Matsunaga

Overview_Description:
Entity_and_Attribute_Overview:
The data set conatains attributes which are grouped by the following sections :

- a. Importance

- b. Utilization of Cowpea
- c. Soil fertility
- d. Questions on possibilities (Market, Self, others farmers or Organization) to farmers to get seeds
- e. Constrains in importance concerning Pest, Diseases, Drought, Standing, Soil fertility, Heavy Rain, Wind and Sowing.

Data set overview:

a. Importance				
	Fodder	Grain	Vegetable	Soil fertility
Striga				
	2	1	4	3
	3	1	2	4
	2	1	4	3
	2	1	4	3
	2	1	3	4
5				
	2	1	5	4
3				
	3	1	4	2
5				

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: ICRISAT SAHELIAN CENTER

Contact_Address:

Address_Type: mailing and physical

Address: PB: 12404

City: Niamey

Country: Niger

Contact_Voice_Telephone: 00227722626

Contact_Facsimile_Telephone: 0022720734329

Contact_Electronic_Mail_Address: icrisatsc@cgiar.org

Hours_of_Service: 8h00am - 16h00pm z+1

Resource_Description: Downloadable Data

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.014

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: JIRCAS

Contact_Address:

Address_Type: mailing and physical

Address: Japan International Research Center for Agricultural

Sciences

City: Ohwashi, Tsukuba, Ibaraki

Postal_Code: 305 8686

Country: JAPAN

Contact_Voice_Telephone: +81 29 838 6330

Contact_Facsimile_Telephone: +81 29 838 6316

Contact_Electronic_Mail_Address: head@ml.affrc.go.jp

Resource_Description: Downloadable Data

Distribution_Liability: Data are restricted. Users who need the data should explore the metadata file and should contact JIRCAS via his physical or mailing address

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.014

Metadata_Reference_Information:

Metadata_Date: 20061221

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: ICRISATSC

Contact_Person: AMADOU M.Laouali

Contact_Position: Consultant

Contact_Address:

Address_Type: mailing and physical address

Address: BP: 12404

City: Niamey

Country: Niger

Contact_Voice_Telephone: 0022720722529

Contact_Electronic_Mail_Address: a.m.laouali@cgiar.org

Hours_of_Service: 8h00am - 16h00pm z+1

Contact_Instructions: Email contact

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial

Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Access_Constraints: Restricted

Metadata_Security_Information:

Metadata_Security_Classification: Unclassified

Metadata_Extensions:

Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>

Profile_Name: ESRI Metadata Profile