Element Description for Agricultural Information Resources

The paper gives full description of elements that were identified for agricultural resources description ad indicated in Appendix 1. The definition is based on formal standards for the description of metadata element sets. This formalisation helps to improve consistency with other communities and enhances the clarity, scope and internal consistency of the DC metadata element definition.

There are 10 attributes for defining the DC elements of which all were discussed for their suitability in meeting our needs. The set of attributes conforms to the ISO/IEC 11179 standards for description of data elements.

The following 7 attributes were proposed for each element

Name:	the label assigned to the data element
Label:	the unique identifier assigned to the data element
Definition:	a statement that clearly represents the concept and essential nature of the data element
Obligation:	indicates if the data element is required to always or sometimes be present (i.e. contain a value)
Datatype:	indicates the type of data that can be represented and the value of the data element
Occurrence:	indicates any limit to the repeatability of the data element
Comments:	a remark concerning the application of the data element.

The remaining 3 attributes namely *Version, Registration Authority* and *Language* will be applied globally to the metadata set. This is because they have a global representation and the group felt that it would be needless to describe these three attributes in each element.

Version will represent the whole set and will be changing subject to chances with any attribute for any given element.

The Language at the moment is English and will be applicable when other Language versions are implemented

The Registration Authority is always WAICENT, FAO

The description for units of sub-elements is restricted to three attributes namely, Name, Label and definition

This document has 2 parts
- part I. Core element description
- part II. Element description for Authority files

PART I. CORE ELEMENT DESCRIPTION

1. Core Element: Creator

Name	Creator
Label	Creator
Definition	Entity (Person, organisation or agency) primarily responsible for creating, making available and making contribution to the intellectual content of the resource
Obligation	Mandatory
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Qualifiers for Agricultural Resources

I. Corporate Author

Name	CorporateAuthor
Label	Corporate Author
Definition	Organisation or agency primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Name

Name	Name
Label	Name
Definition	Name given to the organisation or agency primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

II. Personal Author

Name	PersonalAuthor
Label	Personal Author
Definition	Person primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Name

Name	Name
Label	Name
Definition	Name given to person primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

III. Researcher

Name	Researcher
Label	Researcher
Definition	Person primarily responsible for the research investigation
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Name

Name	Name
Label	Name
Definition	Name given to the person primarily responsible for the research investigation
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

IV. Institution

Name	Institution
Label	Institution
Definition	The organization or institute hosting the staff of the ongoing research project. Also referred to as the "executing institution".
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Name

Name	Name
Label	Name
Definition	Name of the organization or institute hosting the staff of the ongoing research project. Also referred to as the "executing institution".
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	The institution name must include the name of the unit where the research is actually being carried out (Laboratory, Department, Experiment Station, etc.)

V. Publisher

Name	Publisher
Label	Publisher
Definition	Entity responsible for making the resource available
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Example of a contributor include a person, an organisation or a service

Sub-elements

Name

Name	Name
Label	Name
Definition	Name of entity responsible for making the resource available
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

VI. Editor

Name	Editor
Label	Editor
Definition	Person responsible for intellectual quality of published resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Name

Name	Name
Label	Name
Definition	Name given to the person responsible for intellectual quality of published work
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	

VII. Compiler

Name	Compiler
Label	Compiler
Definition	Person responsible for assembling the final document from different sources
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Name

Name	Name
Label	Name
Definition	Name given to the person responsible for assembling the final document from different sources
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

VIII. Donor

Name	Donor
Label	Donor Organization
Definition	The organization which contributes with financial support over a stipulated period of time to the related activities of the project
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Acronyms may be used for the name of the parent body where these are well known, and standard abbreviations for common words may be used.

Sub-elements

  Name

Name	Name
Label	Name
Definition	The name of the organization which contributes with financial support over a stipulated period of time to the related activities of the project
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Acronyms may be used for the name of the parent body where these are well known, and standard abbreviations for common words may be used.

IX. Co-operating Institution

Name	CooperatingInstitutionName
Label	Cooperating Institution Name
Definition	The organization or institute which is actively cooperating in the work of the research project, often providing support staff. Also referred to as "joint or cooperating executing institution"
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	The cooperating institution name must include the name of the unit where the research is actually being carried out (Laboratory, Department, Experiment Station, etc. Acronyms may be used for the name of the parent body where these are well known, and standard abbreviations for common words may be used.

Sub-elements

  Name

Name	Name
Label	Name
Definition	Name of the organization or institute which is actively cooperating in the work of the research project, often providing support staff. Also referred to as "joint or cooperating executing institution"
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	The Cooperating Institution Name must include the name of the unit where the research is actually being carried out (Laboratory, Department, Experiment Station, etc.) Acronyms may be used for the name of the parent body where these are well known, and standard abbreviations for common words may be used.

2. Core Element: Rights

Name	Rights
Label	Rights
Definition	Information about rights held in and over the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Contains management statement for the resource or references a service providing information. Also encompasses Intellectual Property Rights (IPR)

Qualifiers for Agricultural Resources

I. Statement

Name	Statement
Label	Statement
Definition	Written assertion of ownership rights relating to resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Contains management statement for the resource or references a service providing information. Also encompasses Intellectual Property Rights (IPR)

II. Terms Of Use

Name	TermsOfUse
Label	Terms of use
Definition	Extent and manner of use permitted to, and restrictions covering use of resource by the public
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

III. Patent

Name	Patent
Label	Patent
Definition	Reference number and description referring to owner's exclusive right over object/invention or resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

3. Core Element: Title

Name	Title
Label	Title
Definition	Name given to resource
Obligation	Mandatory
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Typically, a title will be the name by which the resource is formally known

Qualifiers for Agricultural Resources

I. Main Title

Name	MainTitle
Label	Main Title
Definition	Title by which resource is known
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Typically, a title will be the name by which the resource is formally known. In any of the UN languages, Spanish, English, French, Arabic and Chinese

II. Title Supplement

Name	TitleSupplement
Label	Title Supplement
Definition	Secondary information referenced to the title
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Typically, a title will be the name by which the resource is formally known. In any of the UN languages, Spanish, English, French, Arabic and Chinese

III. Alternative Title

Name	AlternativeTitle
Label	Alternative title
Definition	Substitute or translation in other languages
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Typically, a title will be the name by which the resource is formally known. In any of the UN languages, Spanish, English, French, Arabic and Chinese

4. Core element: Relation

Name	Relation
Label	Relation
Definition	A reference to a resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Qualifiers for Agricultural Resources

I. Is Part of

Name	IsPartOf
Label	Is Part Of
Definition	The described resource is a physical or logical part of a referenced resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	typically, the different bibliographies a resource can be part of. Mandatory if there are related documents

Sub-elements

Part Of Monograph

Name	PartOfMonograph
Label	Part of monograph
Definition	An analytic from a monograph
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	typically, indicates the resource is part of a monograph such as a chapter from a book or a paper from a conference proceeding. Value is the link to the monograph. Mandatory if there are related documents

Part Of Monographic Series

Name	PartOfMonographicSeries
Label	Part of Monographic Series
Definition	An analytic from of an issue of a monographic series
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	typically, indicates the resource is part of a monographic series such as a chapter from a book that is part of a series. Value is the link to the monographic serial. Mandatory if there are related documents

Part Of Serial

Name	PartOfSeries
Label	Part of Series
Definition	An analytic from a serial
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	Typically, indicates the resource is part of a serial such as an article from a journal. Value is a link to the serial

Has Part

Name	HasPart
Label	Has part
Definition	The described resource includes the referenced resource either physically or logically
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	A monograph whether a single or multi-volume work or a series that has part which is considered as an independent resource. Value is a link to the analytic or URI. Mandatory if there are related documents

II. References

Name	References
Label	References
Definition	The described resource references, is referenced or otherwise points to the referenced resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Value is a link such as record number of a related documents and related language versions or URI. Mandatory if there are related documents

III. Edition

Name	Edition
Label	Edition
Definition	Is a version of or Has a version of a monograph, URI
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	The described resource has a version, is a version of or is an adaptation of the referenced resource. changes in version imply substantial changes in content rather than differences in format

IV. Related Programme

Name	RelatedProgramme
Label	Related Programme
Definition	Refers to the main research programme of which the project is a part and to whose detailed objectives and plan of work the project usually adheres
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Mandatory if there are related projects

V. Related Research Project

Name	RelatedResearchProjects
Label	Related Research Projects
Definition	Refers to associated research projects which are usually also part of the principal research programme
Obligation	Optional
Datatype	Alphanumeric
Occurrence	repeatable
Comments	Mandatory if there are related projects

5. Core element: Subject

Name	Subject
Label	Subject
Definition	The topic of the content of the resource
Obligation	Mandatory
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Typically, expressed as keywords or classification schemes. Best practice is to select a value from a controlled vocabulary. Users have the choice of Scheme and Thesaurus to apply.

Qualifiers for Agricultural Resources

I. Subject Classification

Name	SubjectClassification
Label	Subject Classification
Definition	The systematic arranging into classes (classifying), according to common characteristics or affinities, things, topics, themes or notions which are the subject of any branch of science or of a methodical inquiry
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Users have the choice of Scheme to apply.

Sub-elements

AGRIS Subject Categories

Name	AGRISSubjectCategories
Label	AGRIS Subject Categories
Definition	Subject categories for indexing agricultural resources developed and maintained by FAO
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	To include values for Primary and Secondary subject categories

LCSH

Name	LCSH
Label	LCSH
Definition	Library of Congress Subject Headings
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

DDC

Name	DDC
Label	DDC
Definition	Dewey Classification Scheme
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

LCC

Name	LCC
Label	LCC
Definition	Library of Congress Classification
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

UDC

Name	UDC
Label	UDC
Definition	Universal Decimal Classification
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

CABI Codes

Name	CABICodes
Label	CABI Codes
Definition	The main subject headings derived from the classification schemes used in the AGRICOLA and AGRIS databases, to group resources in to a specific subject. These enable searchers to locate general subject categories that are not easy to retrieve using descriptors alone adopted by CABI.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

II. Thesaurus

Name	Thesaurus
Label	Thesaurus
Definition	A classified list of terms or keywords, in a particular field, for use in indexing and information retrieval.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

AGROVOC

Name	AGROVOC
Label	AGROVOC
Definition	Multilingual agricultural thesaurus produced by FAO, and used for indexing and cataloguing
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

CABI Thesaurus

Name	CABIThesaurus
Label	CABI Thesaurus
Definition	A classified list of terms, more especially key words, in agricultural sciences for use in indexing and information retrieval created by CAB International produced by CAB International.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

ASFA Thesaurus

Name	ASFA Thesaurus
Label	ASFA Thesaurus
Definition	A classified list of terms, more especially key words, in fisheries for use in indexing and information retrieval created by ASFA (Aquatic Sciences and Fisheries Abstracts
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

NAL Thesaurus

Name	NALThesaurus
Label	NALThesaurus
Definition	A classified list of terms, more especially key words, in agricultural sciences for use in indexing and information retrieval created by National Agricultural Library (NAL) of United States.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

6. Core Element: Coverage

Name	Coverage
Label	coverage
Definition	The extent or scope or resource content. To include a place name, geographic co-ordinates, jurisdiction or period of time.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Recommended best practice is to select value from a controlled vocabulary. Where appropriate, named places or time period be used in preference to numeric identifiers such as co-ordinates or date ranges. Indication of geographic regions if indicated

Qualifiers for Agricultural Resources

I. Thesaurus

Name	Thesaurus
Label	Thesaurus
Definition	A classified list of terms or keywords, in a particular field, for use in indexing and information retrieval.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	For indexing of geographical descriptors

Sub-elements

AGROVOC Thesaurus

Name	AGROVOCThesaurus
Label	AGROVOC Thesaurus
Definition	Multilingual agricultural thesaurus produced by FAO, and used for indexing and cataloguing
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	For selections of geographic names and regions

GTN

Name	GTN
Label	GTN
Definition	The Getty Thesaurus of Geographic names
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

II. ISO 3166 Country Codes

Name	ISO3166
Label	ISO 3166
Definition	ISO 3166 codes for the representing of names of countries
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

7. Core Element: Description

Name	Description
Label	Description
Definition	Account of the resource. This includes an abstract, table of contents, reference to a geographical representation of content or a free-text account of the content
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Qualifiers for Agricultural Resources

I. Abstract

Name	Abstract
Label	Abstract
Definition	A summary of the content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

II. Table of Contents

Name	TableOfContents
Label	Table of Contents
Definition	A list of sub-units of the content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Itemised listing of subject headings, chapters of a resource (book, article etc.)

III. Notes

Name	Notes
Label	Notes
Definition	Brief statement, annotation, comment elucidation concerning any aspect of resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Many entries can be included

IV. Holdings

Name	Holdings
Label	Holdings
Definition	Holdings are collections of any literary, scientific or technical type hosted, safeguarded and maintained by a library.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Describes the location of the resource. Can be physical address or electronic location. also indicates availability in the context of whether the resource has restrictions to public access

Sub-elements

I. Location

Name	Location
Label	Location
Definition	The physical location of resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Address

Name	Address
Label	Address
Definition	The physical address details of location of resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

II. Online

Name	Online
Label	Online
Definition	Electronic resources
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

URI

Name	URI
Label	URI
Definition	Uniform Resource Identifier
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Use of PURL recommended

V. Resources

Name	Resources
Label	Resources
Definition	The collective means as a critical mass vital to the executing of the project and the obtaining of its objectives
Obligation	Optional
Datatype	Alphanumeric
Occurrence	repeatable
Comments	The information provides an overview of dimension of the resources of the project. The information can be shown in available resource units in total or on a yearly basis.

Sub-elements

Human Resources

Name	HumanResources
Label	Human Resources
Definition	The collective human input vital to the executing of the project and the obtaining of its objectives
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Non-Human Resources

Name	NonHumanResources
Label	Non Human Resources
Definition	The collective non-human input vital to the executing of the project and the obtaining of its objectives
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	To include information on equipment and services

Name	FinancialResources
Label	Financial Resources
Definition	Financial input vital to the executing of the project and the obtaining of its objectives
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	To be expressed in grant amount, annual budget and/or budget breakdown

VI. Methodology and Results

Name	MethodologyandResults
Label	Methodology and Results
Definition	The description of the scientific method or techniques used, or intended to be used, in obtaining results in the research undertaken. Results are usually a publication providing an itemized and detailed description of the research undertaken and the results obtained.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

VIII. Project Objectives

Name	ProjectObjectives
Label	Project Objectives
Definition	Official statement, sometimes called "mission statement", of the aims or goals of the project; initial declaration of what the project hopes to achieve
Obligation	Optional
Datatype	Alphanumeric
Occurrence	repeatable
Comments	The statement of objectives should be concise but informative, should not repeat information already in the title. The title and objectives together should be fully descriptive of the research project.

IX. Project Status

Name	ProjectStatus
Label	Project Status
Definition	Generally a note of the project's standing at a given point in time: whether it is new, at the half way stage, or at the end of its operational period
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is use of the letter N for New projects, C for continuing projects and the letter T for terminated projects.

Attributes

New Project
Name: *NewProject*
Label: *New Project*
Definition: *A new project*

Continuing Project
Name: *ContinuingProject*
Label: *Continuing Project*
Definition: *An on going project*

Terminated Project
Name: *TerminatedProject*
Label: *Terminated Project*
Definition: *A terminated project*

8. Core element: Date

Name	Date
Label	Date
Definition	A date associated with the event in the life cycle of the resource
Obligation	Mandatory
Datatype	Date format
Occurrence	Not repeatable
Comments	Typically associated with creation or availability of resource. Recommended best practice is to use ISO 8601 encoding scheme

Qualifiers for Agricultural Resources

I. Publication Date

Name	PublicationDate
Label	Publication Date
Definition	Date of publication of the resource
Obligation	Optional
Datatype	Date format
Occurrence	Not repeatable
Comments	Typically associated with creation or availability of resource. Recommended best practice is to use ISO 8601 encoding scheme

II. Date Of Creation

Name	DateOfCreation
Label	Date Of Creation
Definition	A date associated with the creation of the resource
Obligation	Optional
Datatype	Date format
Occurrence	Not repeatable
Comments	Recommended best practice is to use ISO 8601 encoding scheme

III. Date Of Modification

Name	DateOfModification
Label	Date Of Modification
Definition	A date on which the resource was changed
Obligation	Optional
Datatype	Date format
Occurrence	Repeatable
Comments	Applicable especially to online archives that hold preprints, in which versions of a resource are uploaded to replace the existing one Recommended best practice is to use ISO 8601 encoding scheme.

IV. Project Cycle

Name	ProjectCycle
Label	Project Cycle
Definition	Referring to the "life" or "operational" cycle in its entirety of the project. In relation to the date of commence to date when project is terminated
Obligation	Optional
Datatype	Date format
Occurrence	Not repeatable
Comments	Recommended best practice is to use ISO 8601 encoding scheme

Attributes

    <u>*Start*</u>
    Name: Start
    Label: Start
    Definition: Date when project commences

    <u>*Extension*</u>
    Name: Extension
    Label: Extension
    Definition: Extension to previously determined duration of the project

    <u>*End*</u>
    Name: End
    Label: End
    Definition: Date of termination of a project

9. Core element: Identifier

Name	Identifier
Label	Identifier
Definition	An unambiguous reference to the resource within a given context
Obligation	Mandatory
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is to identify the resource by means of the string or number conforming to a formal identification system

Qualifiers for Agricultural Resources

I. Accession Number

Name	AccessionNumber
Label	Accession Number
Definition	Unique number assigned to each record in a database
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

II. URI

Name	URI
Label	URI
Definition	Unique resource identifier including the Universal Resource Locator (URL)
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	For mirrored sites

III. ISBN

Name	ISBN
Label	ISBN
Definition	International Standard book Number
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is to identify the resource by means of the string or number conforming to a formal identification system

IV. ISSN

Name	ISSN
Label	ISSN
Definition	International Standard Serial Number
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is to identify the resource by means of the string or number conforming to a formal identification system

V. Report Number

Name	ReportNumber
Label	Report Number
Definition	Number uniquely identifying a report, ie. formal statement of the results of an investigation, proceedings at a meeting, or of any occurrence, event or matter on which definite information is required
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is to identify resource by means of the string or number conforming to a formal identification system

VI. Library Call Number

Name	LibraryCallNumber
Label	Library Call Number
Definition	The unique press-mark or shelf-mark of a book, documents, or collection of texts held in a Library, for identification and retrieval purposes
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is to identify the resource by means of the string or number conforming to a formal identification system

VII. Patent number

Name	PatentNumber
Label	Patent Number
Definition	Number uniquely identifying a grant made by a national government to a person or persons conferring the exclusive privilege of making, using, or selling some new invention for definite period of time
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is to identify the resource by means of the string or number conforming to a formal identification system

VIII. Job Number

Name	JobNumber
Label	Job Number
Definition	Number allotted to a piece of work, e.g. collection of texts or document for purposes of identification and retrieval
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Recommended best practice is to identify the resource by means of the string or number conforming to a formal identification system

IX. Microfiche Number

Name	MicroficheNumber
Label	Microfiche Number
Definition	Number uniquely identifying a microfiche, i.e. document photographed in reduced size for viewing on projector
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

10. Core Element: Language

Name	Language
Label	Language
Definition	A language of the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Recommended best practice for the value is defined by RFC 1766 [RFC1766] which includes a two-letter language code from the ISO 639 standards [ISO639], followed by a two-letter country code from the ISO 3166 standard [ISO3166]

11. Core Element: Type

Name	ResourceType
Label	Type
Definition	The nature or genre of the content of the resource. This includes terms describing general categories, functions, genres or aggregation levels for content
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Consult the DC types draft paper for more types. However, the following list indicates the possible types in agricultural resources description.

Qualifiers for Agricultural Resources

I. Collection

Name	Collection
Label	Collection
Definition	An aggregation of items. Resource is described as a whole or group. Its parts may be separately described or navigated
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	This would include resources such as Monograph, Serials, Monographic Serials, collections etc. Recommended best practice is to select a value from a list

Attributes

Monograph
Name: *Monograph*
Label: *Monograph*
Definition: *Book or volume written about a specific subject, or detailed aspect of a subject*

Name: *MonographicSerial*
Label: *Monograph Serial*
Definition: *Publication written about a specific subject or aspect of same, and*
                 produced in separate parts at regular intervals

Serial
Name: *Serial*
Label: *Serial*
Definition: *Publication on a specific topic produced in separate parts at regular*
                 intervals such as Journals

Web Page
Name: *WebPage*
Label: *Web Page*
Definition: *Electronically generated pages on the Internet, which contain text or*
                 graphics (or a combination of both), and may provide hyperlinks to
                 other related pages.

Analytical
Name: *Analytical*
Label: *Analytical*
Definition: *Part of a publication on a specific topic*

II. Document class

Name	DocumentClass
Label	Document Class
Definition	Indicate a category according whether a resource is commercially published or not
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Recommended best practice is to select a value from a list. Resource types to be included are *Publication, Non conventional resources*

Attributes

I. Publication
Name: *Publication*
Label: *Publication*
Definition: *Principal or chief publication*

II. Non Conventional
Name: *NonConventional*
Label: *Non Conventional*
Definition: *Resources that are not commercially published. This Include Field*
                 documents, Working papers and Reports

Name: *FieldDocument*
Label: *Field Document*
Definition: *Document produced during a period of study/work in place*
                usually a remote site such outreach stations, experimental areas

Working Paper
Name: *WorkingPaper*
Label: *Working Paper*
Definition: *Draft document, part of the preparatory work for final report*

Terminal Paper
Name: *TerminalPaper*
Label: *Terminal Paper*
Definition: *Report produced at the end of study, research project*
                describing findings and recommendations

III. Literary Indicator

Name	LiteraryIndicator
Label	Literary Indicator
Definition	Specification of type of subject matter covered by resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Recommended best practice is to select a value from a list. This would include types such as *Bibliography, Legislation, Standard, Summary, Statistical data, Directory, Grey Literature*

Attributes

Grey Literature
Name: *GreyLiterature*
Label: *Grey Literature*
Definition: *Non-conventional literature, not found in commercial channels e.g.*
                Thesis, conference proceedings

Legislation
Name: *Legislation*
Label: *Legislation*
Definition: *Act or process of making laws; the law made*

Standard
Name: *Standard*
Label: *Standard*
Definition: *Established format, presentation type used as basis for comparison or*
                judgement of quality, value

Bibliography
Name: *Bibliography*
Label: *Bibliography*
Definition: *List of sources of information or given subject, list of literary works of author, referenced resources*

Summary
Name: *Summary*
Label: *Summary*
Definition: *Condensed explanation/account of a resource*

Statistical Data
Name: *StatisticalData*
Label: *Statistical Data*
Definition: *Tabulated and classified information on given subject*

Directory
Name: *Directory*
Label: *Directory*
Definition: *Book listing names, addresses etc. of specific group of person, companies etc.*

Thesis
Name: *Thesis*
Label: *Thesis*
Definition: *A dissertation (or lengthy essay) presenting the results of original research and supporting a specific viewpoint or theory.*

IV. Event

Name	Event
Label	Event
Definition	A non-persistent, time-based occurrence.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	This includes information on purpose, location, duration, responsible agents, and links to related events and resources

Sub-elements

1. Meeting

Name	Meeting
Label	Meeting
Definition	Formal or informal meeting of significant number of people for discussion, study, exchange information on a particular subject
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

Name

Name	Name
Label	Name
Definition	Title given to an occasion or occurrence of significance in particular field of study (e.g. conference, council); often reflecting the purpose or object of the event itself
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	events include, Conference, Workshop, Seminar, Consultation, Training course

Attributes

Conference
Name: *Conference*
Label: *Conference*
Definition: *Formal meeting for discussion on consultation at expert level*

Workshop
Name: *Workshop*
Label: *Workshop*
Definition: *Formal meeting for discussion, study or exchange of information on a particular subject*

Training Course
Name: *TrainingCourse*
Label: *Training Course*
Definition: *Formal meeting for discussion, study or exchange of information on a particular subject*

V. Image

Name	Image
Label	Image
Definition	Electronic or physical symbolic visual representation other than text
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Examples of images include photos, prints, drawings, maps and diagrams. Recommended best practice is to select value from a list.

Attributes

Photograph
Name: *Photograph*
Label: *Photograph*
Definition: *Image/picture produced on photosensitive surface e.g. camera film*

Film
Name: *Film*
Label: *Film*
Definition: *Motion picture, moving pictures*

Pictures
Name: *Pictures*
Label: *Pictures*
Definition: *Image or likeness of an object, person or scene on a flat surface*

Map
Name: *Map*
Label: *Map*
Definition: *Representation on a flat surface f the earth's territory*

Slide
Name: *Slide*
Label: *Slide*
Definition: *Photographic transparency mounted for use with a viewer/projector*

Microfiche
Name: *Microfiche*
Label: *Microfiche*
Definition: *Document photographed in reduced size for viewing on a projector*

VI. Interactive Resource

Name	InteractiveResource
Label	Interactive Resource
Definition	A resource that requires interaction from the user to be understood, executed, or experienced.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Examples of interactive resources include forms on web pages, applets, multimedia learning objects, virtual reality

Attributes

CD-ROM
Name: *CD-ROM*
Label: *CD-ROM*
Definition: *A disc on which a considerable volume (measured in Megabytes) of sound or data is recorded digitally. Current preferred medium for storing computer programs.*

Web Forms
Name: *WebForms*
Label: *Web Forms*
Definition: *Web Forms are interactive, dynamic documents that permit Internet users to enter data, check off preferences, select options, ask questions and provide comments*

VII. Sound

Name	Sound
Label	Sound
Definition	Resource the content of which is primarily intended to be listened to
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Attributes

Audio Cassettes
Name: *AudioCassette*
Label: *Audio Cassette*
Definition: *Medium for storage of sound*

Digital Audio
Name: *DigitalAudio*
Label: *Digital Audio*
Definition:

VIII. Project Types

Name	ProjectTypes
Label	Project Types
Definition	Types of projects
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Attributes

Laboratory Experiment
Name: *LaboratoryExperiment*
Label: *Laboratory Experiment*
Definition: *Research/Experiment conducted in a laboratory*

On station Experiment
Name: *OnStationExperiment*
Label: *On Station Experiment*
Definition: *Research/Experiment conducted on Institute grounds*

On Farm Experiment
Name: *OnFarmExperiment*
Label: *On Farm Experiment*
Definition: *Research/Experiment conducted on a farm*

12. Core Element: Format

Name	Format
Label	Format
Definition	The physical or digital manifestation of the resource. This includes the media types or dimensions of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	This may be used to determine the software, hardware or other equipment needed to display or operate the resource. Examples of dimensions include *extent* and size. Recommended best practice is to select a value from a controlled vocabulary. Example is the list of Internet Media Types [MIME] defining computer media formats

Qualifiers for Agricultural Resources

I. Medium

Name	Medium
Label	Medium
Definition	Agency, Material, technique used in production of object
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

I. Internet Media Types

Name	InternetMediaTypes
Label	Internet Media Types
Definition	The categories of communication types used/compatible with Internet use. Including applications to run programs producing sound, images, text either separately or combined
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Attributes

Application
Name: *Application*
Label: *Application*
Definition: *A computer program designed to carry out tasks or solve problems that are specific to a given use, e.g. system(s) program(s).*

Audio
Name: *Audio*
Label: *Audio*
Definition: *Recorded or transmitted sound also produced for the computer by specific software programs.*

Image
Name: *Image*
Label: *Image*
Definition: *Graphical artistic representations of all sizes embellishing printed and electronic texts*

Text
Name: *Text*
Label: *Text*
Definition: *Written portion of printed or electronic resource*

Video Cassette
Name: *VideoCassette*
Label: *Video Cassette*
Definition: *Storage medium for moving pictures*

II. Print

Name	Print
Label	Print
Definition	Printed, typeset lettering on hard copy
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

III. Electronic Medium

Name	ElectronicMedium
Label	Electronic Medium
Definition	Agent/technique used in production of electronic resources
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Example include CD-ROM, diskettes, DVD

Attributes

CD-ROM
Name: *CD-ROM*
Label: *CD-ROM*
Definition: *A disc on which a considerable volume (measured in Megabytes) of sound or data is recorded digitally. Current preferred medium for storing computer programs.*

Diskette
Name: *Diskette*
Label: *Diskette*
Definition: *A small, flexible plastic disc (also called a "floppy") used as a light-weight storage device of moderate capacity*

DVD
Name: *DVD*
Label: *DVD*
Definition: *Digital Versatile Disc*

II. Extent

Name	Extent
Label	Extent
Definition	The description of the physical makeup of a resource expressed in numbers of pages, illustrations
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	The extent or size of a physical resource.

Sub-elements

Collation

Name	Collation
Label	Collation
Definition	The description of the physical makeup of a resource expressed in numbers of pages or volumes in case of serials
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	The extent or size of a physical resource. Mandatory for physical resources that part of other resources

Attributes

Pagination
Name: *Pagination*
Label: *Pagination*
Definition: *The description of the physical makeup of a resource expressed in numbers of pages or volumes in case of serials*

Duration
Name: *Duration*
Label: *Duration*
Definition: *The extent, length in time of a resource i.e., film*

13. New Core Element: Target Audience

Name	TargetAudience
Label	Target Audience
Definition	Intended, preferred sector to which the resource is addressed
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Target audience for agricultural information resources would include *policy makers, planners, researchers, research using institutions, educational institutions, innovators, information intermediaries and media*

PART II. AUTHORITY FILES

Core Element Contributor
Authority File No. 1
Qualifier: Personal Author

Name	PersonalAuthor
Label	Personal Author
Definition	Person primarily responsible for creating th intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

I. Name

Name	Name
Label	Name
Definition	Name given to the organisation or agency primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

II. Affiliation

Name	Affiliation
Label	Affiliation
Definition	Corporation or institute to which the author is affiliated
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

III. Address

Name	Address
Label	Address
Definition	Address of the organisation or agency primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

IV. Email Address

Name	Email Address
Label	Email Address
Definition	E mail address of the organisation or agency primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

IV. Telephone

Name	TelephoneNumber
Label	Telephone Number.
Definition	Telephone number of Author
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

IV. Fax

Name	FaxNumber
Label	Fax Number
Definition	Fax number of Author
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Authority File No. 2
Qualifiers: Corporate Author/Institution

Corporate Author

Name	CorporateAuthor
Label	Corporate Author
Definition	Organisation or agency primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

I. Name

Name	Name
Label	Name
Definition	Name given to the organisation or agency primarily responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

II. Department

Name	Affiliation
Label	Affiliation
Definition	The department under which the research work in conducted
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

III. Address

Name	Name
Label	Name
Definition	Address of the organisation responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

IV. Website

Name	Website
Label	Web site address
Definition	Electronic address of the organisation responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

V. Email Address

Name	Email Address
Label	Email Address
Definition	E mail address of the organisation responsible for creating the intellectual content of the resource
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

VI. Telephone

Name	TelephoneNumber
Label	Telephone Number.
Definition	Telephone number of Author
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

VII. Fax

Name	FaxNumber
Label	Fax Number
Definition	Fax number of Author
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Authority File No. 3
Qualifier: Researcher

Name	Researcher
Label	Researcher
Definition	Person primarily responsible for the research investigation
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Sub-elements

I. Name

Name	Name
Label	Name
Definition	Name given to the person primarily responsible for the research investigation
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

II. Affiliation

Name	Affiliation
Label	Affiliation
Definition	Institution to which the researcher is affiliated
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

III. Speciality

Name	Speciality
Label	Speciality
Definition	The specific field of interest in which the research expert has built up his knowledge and expertise.
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	Best practice is to use controlled vocabulary (e.g. AGROVOC) descriptor which best describes the subject speciality of the researcher. Only one descriptor may be entered; where the research worker has several specialities only the one directly connected with the subject and/or object of the research project should be entered.

IV. Address

Name	Name
Label	Name
Definition	Address of the organisation or agency primarily responsible for the research project
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

V. Email Address

Name	Email Address
Label	Email Address
Definition	E mail address of the organisation or researcher primarily responsible for the research project
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

VI. Telephone

Name	TelephoneNumber
Label	Telephone Number.
Definition	Telephone number of the researcher or organisation primarily responsible for the research project
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

VII. Fax

Name	FaxNumber
Label	Fax Number
Definition	Fax number of the researcher or organisation primarily responsible for the research project
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

Authority file No. 4
Qualifier: Publisher

Name	Publisher
Label	Publisher
Definition	Entity responsible for making the resource available
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

Sub-elements

I. Name

Name	Name
Label	Name
Definition	Name of entity responsible for making the resource available
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

II. Publication place

Name	PublicationPlace
Label	Publication Place
Definition	Location (city) where entity responsible for making the resource available is situated
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

Authority file No. 5
Core element Type
Qualifier: Event

IV. Event

Name	Event
Label	Event
Definition	A non-persistent, time-based occurrence
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	This includes information on purpose, location, duration, responsible agents, and links to related events and resources. Includes events such as *Meetings, Workshops, Conferences* etc.

Sub-elements

I. Name

Name	Name
Label	Name
Definition	Title given to an occasion or occurrence of significance in particular field of study (e.g. conference, council); often reflecting the purpose or object of the event itself
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not repeatable
Comments	

II. Session

Name	Session
Label	Session
Definition	A single continuous sitting of persons assembled for a conference or business meeting. A number identifying the sequence of sessions (single sitting) for a given event
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	

III. Place

Name	Place
Label	Place
Definition	Geographical location in which the event occurs
Obligation	Mandatory
Datatype	Alphanumeric
Occurrence	Repeatable
Comments	Recommended best practice is to include the city and country

IV. Date

Name	Date
Label	Date
Definition	Date of event
Obligation	Optional
Datatype	Alphanumeric
Occurrence	Not Repeatable
Comments	Recommended best practice for encoding a date value is defined in a profile of ISO 8601 and follows the YYYY-MM-DD format

Appendix 1

Qualified DC and proposed new elements for Agricultural Information Resource Description

The paper describes the qualification of the proposed Dublin Core elements and proposed new for agricultural information resources. Preference is given to notation, vocabularies and terms that are currently used in describing agricultural resources.

As shown below agricultural information resource can be described from broad to very specific levels. The top level in the hierarchy defines the Dublin Core and proposed new elements while the qualifiers for agricultural resources are shown down the hierarchy.

Important notice:

1. The element **Creator** has been revised to represent all the agent elements namely, ***Creator, Contributor and Publisher.***

2. Some attributes of elements that have been in the past considered necessary in resource description are not included in this description of a specific resource because this information is currently not considered as primary information that is important for discovery of a particular resource. However to include this information which is also important for resource discovery at a secondary level, ***Authority files*** shall be created and linked to the metadata. Element that will have Authority files include: ***Author, Researcher, Corporate Author, Publisher*** and ***Type***, qualifier ***Event*** (Conferences, Workshops, Meetings)

Personal Author
    Name
    Affiliation
    Address
    Email Address
    Telephone
    Fax

Researcher
    Name
    Speciality
    Affiliation
    Address
    Email Address
    Telephone
    Fax

Corporate Author
    Name
    Department
    Address
    Email Address
    Web site

Telephone
Fax

Publisher
    Name
    Place

Type (Event)
Meeting, Conference, Workshop
    Name
    Session
    Date
    Place

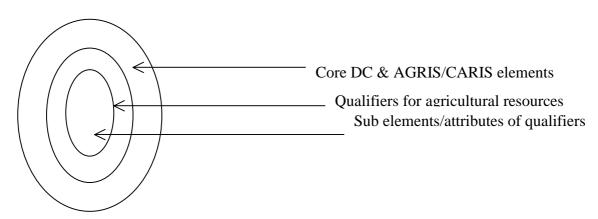The hierarchical notation is represented by use of different formats as indicated in the legend below

Legend

Bold:	DC Elements & AGRIS/CARIS elements
<u>Underlined:</u>	Qualifiers for agricultural resource description
Italic:	Sub-elements or attributes of the qualifiers
Red:	Elements and sub elements specific to project description
Blue:	Attributes of sub-elements

The proposed levels of description are:
- DC & AGRIS/CARIS elements
  - Qualifiers
    1. Element refinement
    2. Encoding schemes
       - Sub elements of qualifiers

<u>Schematic representation of the description levels</u>

Core DC & AGRIS/CARIS elements

Qualifiers for agricultural resources

Sub elements/attributes of qualifiers

1. Core element: Creator

Qualifiers for Agricultural Resources

Corporate author
> *Name*

Personal author
> *Name*

Researcher (used if describing a project)
> *Name*

Institution name (used if describing a project)
> *Name*

Publisher
> *Name*

Editor
> *Name*

Compiler
> *Name*

Donor (used if describing a project)
> *Name*

Co-operating institution (used if describing a project)
> *Name*

2. Core element: Rights

Qualifiers for Agricultural Resources

Statement
Terms of use
Patent

3. Core element: Title

Qualifiers for Agricultural Resources

Main title
Title supplement
Alternative title

4. Core element: Relation

Qualifiers for Agricultural Resources

Is Part Of
> *part of* monograph (AM)
> > (Unique identifier of related record. If URI should be PURL)

> *part of monographic series (A*MS)

(Unique identifier of related record. If URI should be PURL)
*part of series (A*S)
(Unique identifier of related record. If URI should be PURL)
has part (analytical)
(Unique identifier of related record. If URI should be PURL)

Edition
Version Of Monograph,
(Unique identifier of other version)
URI
(Unique identifier if URI should be PURL)

References
(Unique identifiers of related record. If URI should be PURL)
(Unique identifiers of related language versions
URI
If URI should be PURL)

5. Core element: Subject

Qualifiers for Agricultural Resources

Subject classification
AGRIS subject Categories
CABI Codes
LCSH
DDC
LCC
UDC

Thesaurus
CABI Thesaurus
AGROVOC Thesaurus
NAL Thesurus
ASFA Thesaurus

6. Core element: Coverage

Qualifiers for Agricultural Resources

Thesaurus
AGROVOC Thesaurus
GTN
Country codes
ISO 3166 country codes

7. Core element: Description

Qualifiers for Agricultural Resources
Abstract
Table of contents
Notes

Holdings
    Location
        Address
    Online
        URI (PURL)
Resources (use if describing a project)
    Human Resources
    Non-Human Resources
    Financial Resources
Methodology and Results (use if describing a project)
Project Status (use if describing a project)
    New
    Continuing
    Terminated

8. Core element: Date

Qualifiers for Agricultural Resources

Publication date
Date of Creation
Date of Modification
Project cycle (use if describing a project)
    Start
    End
    Extension/Duration

Identifier
URL
ISBN
ISSN
Report no.
Accession no.
Call no.
Patent no.
Job no.

9. Core element: Language

Qualifiers for Agricultural Resources

Language of text
    ISO 639 language codes

10. Core element: Type

<u>Qualifiers for Agricultural Resources</u>

<u>Collection</u>
    Monographs
    Serials
    Monographic serials
    Web Pages
    Analyticals
<u>Document class</u>
    Publication
    Non Conventional
<u>Literary indicator</u>
    Grey Literature
    Legislation
    Standard
    Bibliography
    Summary
    Statistical data
    Directory
    Thesis
<u>Event</u>
    Conference
    Workshop
    Training course
    Seminars
    Consultation
<u>Images</u>
    Photograph
    Film
    Picture
    Map
    Slide
    Microfiche
    Video Cassettes
<u>Sound</u>
    Audio cassettes
    Digital audio

<u>Interactive Resources</u>
    CD-ROM
    Web Forms

12. Core element: Format

Qualifiers for Agricultural Resources

Medium
Internet Media Type, (IMT)
Application
Audio
Image
Text
Video
Print
Electronic media
CD-ROM
Diskette
DVD
Extent
Collation
Pagination
Duration

13. Core element: Target Audience

Policy makers
Planners
Researchers
Research Institutions
Educational institutions
Students
Information intermediaries
Media

Note:

The new proposed core element, Target audience will be further developed to have a standardised list. It is currently under review.