Package 'cropdatape'

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Title Open Data of Agricultural Production of Crops of Peru

Version 1.0.0

URL https://github.com/omarbenites/cropdatape,

http://siea.minagri.gob.pe/siea/?q=publicaciones/anuarios-estadisticos

BugReports https://github.com/omarbenites/cropdatape/issues

Description Provides peruvian agricultural production data from the Agricul-
ture Minestry of Peru (MINAGRI). The first version includes
6 crops: rice, quinoa, potato, sweet potato, tomato and wheat; all of them across 24 depart-
ments. Initially, in excel files which has been transformed
and assembled using tidy data principles, i.e. each variable is in a column, each observa-
tion is a row and each value is in a cell.
The variables variables are sowing and harvest area per crop, yield, produc-
tion and price per plot, every one year, from 2004 to 2014.

Depends R (>= 3.3.1)

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Encoding UTF-8

LazyData true

RoxygenNote 5.0.1

NeedsCompilation no

Author Omar Benites-Alfaro [aut, cre],
Pablo Gutierrez-Vilchez [aut],
Jossyn Lockuan-Cotrina [aut],
Giorgio Cruz-Fajardo [aut],
Grace Guevara-Diaz [aut],
Charlie Mendez-Morales [aut],
Liliana Aragon-Caballero [ctb],
Raul Blas-Sevillano [ctb],
Agronomy Faculty, National Agrarian University La Molina (UNALM) [cph]
(Copyright holder of all R code),
Agriculture Ministry of Peru (MINAGRI) [cph] (Data source come from
MINAGRI)

Maintainer Omar Benites-Alfaro <obacc07@gmail.com>

R topics documented:

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cropdatape *Annual agricultural production data of Peru*

Description

The cropdatape package is based on the Integrated System of Agricultural Statistics (SIEA) of Peruvian Agriculture Ministry. The variables are: sowing and harvest area, production, crop yield, price per plot by region. The range of year covers from 2004 to 2014. In case of 2004, it just considered from August to December (mid-seasson). Some missing values (NA) indicate that in some periods do not exists agricultural activity.

Usage

    cropdatape

Format

Data frame with — rows and 9 columns.

crop factor with 6 levels

department Peruvian departments. Factor with 24 levels

year Numeric. Range of years from 2004 to 2014

month Factor with 12 levels.

sowa Sowing area measured by hectares (ha)

harva Harvest area measured by hectare (ha)

production Production of crop measured by tons (t)

yield Yield of crop measured by kilograms per hectare (kg/ha)

pricePlot Price per plot. The peruvian currency peruvian nuevo sol

Source

http://siea.minagri.gob.pe/siea/?q=publicaciones/anuarios-estadisticos

Examples

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