Package: cropdatape (via r-universe)

September 16, 2024

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
   Agriculture Minestry of Peru (MINAGRI). The first version
   includes 6 crops: rice, quinoa, potato, sweet potato, tomato
   and wheat; all of them across 24 departments. Initially, in
   excel files which has been transformed and assembled using tidy
   data principles, i.e. each variable is in a column, each
   observation is a row and each value is in a cell. The variables
   variables are sowing and harvest area per crop, yield,
   production 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 6.1.0

Suggests knitr, rmarkdown

VignetteBuilder knitr

Repository https://omarbenites.r-universe.dev

RemoteUrl https://github.com/omarbenites/cropdatape

RemoteRef HEAD

RemoteSha b0f23312ccc0e6856d4efbab0fc09c9fa9730434

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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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