

Package: mrfable (via r-universe)

October 1, 2026

Type Package

Title FABLE project data

Version 1.7.2

Date 2025-11-21

Description Tool for easy downloading, cleaning, and sorting foodcrop
Data downloaded from UPAg - Unified Portal for Agricultural
Statistics by Department of Agriculture & Farmers Welfare.

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Depends madrat (>= 2.5.0), R (>= 2.10.0)

Imports dplyr, magclass, readr, readxl, tidyr, utils

Suggests covr, knitr, rmarkdown

VignetteBuilder knitr

Encoding UTF-8

LazyData yes

RoxygenNote 7.3.3

Config/pak/sysreqs cmake libglib-dev make libicu-dev libuv1-dev libxml2-dev libx11-dev

Repository <https://pik-piam.r-universe.dev>

Date/Publication 2025-11-21 10:27:32 UTC

RemoteUrl <https://github.com/pik-piam/mrfable>

RemoteRef HEAD

RemoteSha 994c305af240449b60452369126f006479705afe

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mr fable-package	<i>The mr fable R package (runs with madrat)</i>
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Description

Provides functions to read in FABLE project data for India from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Author(s)

Anastasis Giannousakis

calcIndiaFoodcrop	<i>calcIndiaFoodcrop Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm</i>
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Description

calcIndiaFoodcrop Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Usage

```
calcIndiaFoodcrop(subtype = "Area")
```

Arguments

subtype	Area, Yield, or Production
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Value

magpie object containing Area, Yield, and Production data.

Author(s)

Anastasis Giannousakis

Examples

```
## Not run:
a <- madrat::calcOutput("IndiaFoodcrop", subtype = "Area")

## End(Not run)
```

`calcIndiaStateFoodcrop`*calcIndiaStateFoodcrop*

Description

Calculates foodcrops data for India downloaded from: UPAg - Unified Portal for Agricultural Statistics by Department of Agriculture & Farmers Welfare <https://upag.gov.in/dash-reports/stateprofile?rtab=State+Profile>

Usage

```
calcIndiaStateFoodcrop(subtype = "Area")
```

Arguments

subtype	Area, Yield, or Production
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Value

magpie object containing Area, Yield, and Production data.

Author(s)

Ankit Saha

Examples

```
## Not run:  
a <- madrat::calcOutput("IndiaStateFoodcrop", subtype = "Area")  
  
## End(Not run)
```

`correctIndiaAPY`*correctIndiaAPY*

Description

Correct IndiaAPY data

Usage

```
correctIndiaAPY(x)
```

Arguments

x	magpie object provided by the read function
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Value

magpie objects with corrected IndiaAPY data

Author(s)

Anastasis Giannousakis

Examples

```
## Not run:  
readSource("IndiaAPY", convert = "onlycorrect")  
  
## End(Not run)
```

correctIndiaStateAPY *correctIndiaStateAPY*

Description

Correct IndiaStateAPY data

Usage

```
correctIndiaStateAPY(x)
```

Arguments

x magpie object provided by the read function

Value

magpie objects with corrected IndiaStateAPY data

Author(s)

Ankit Saha

Examples

```
## Not run:  
readSource("IndiaStateAPY", convert = "onlycorrect")  
  
## End(Not run)
```

downloadIndiaAPY	<i>downloadIndiaAPY</i>
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Description

Function to download data from https://eands.dacnet.nic.in/APY_96_To_07.htm. Best used in combination with the madrat package.

Usage

```
downloadIndiaAPY()
```

Author(s)

Anastasis Giannousakis

Examples

```
## Not run: madrat::downloadSource(type="IndiaAPY")
```

fullDATAINDIA	<i>fullDATAINDIA</i> Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm
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Description

fullDATAINDIA Calculates foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Usage

```
fullDATAINDIA()
```

Value

Foodcrop India data

Author(s)

Anastasis Giannousakis

Examples

```
## Not run:
a <- retrieveData("DATAINDIA")

## End(Not run)
```

readIndiaAPY	<i>readIndiaAPY</i> This function reads foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm
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Description

readIndiaAPY This function reads foodcrops data for India taken from here: https://eands.dacnet.nic.in/APY_96_To_07.htm

Usage

```
readIndiaAPY(subtype = NA)
```

Arguments

subtype Area, Yield, or Production

Value

magpie object containing Area, Yield, and Production data.

Author(s)

Anastasis Giannousakis

Examples

```
## Not run: a <- madrat::readSource(type="IndiaAPY", subtype="Rice", convert="onlycorrect")
```

readIndiaStateAPY	<i>readIndiaStateAPY</i>
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Description

This function reads foodcrops data for India downloaded from: UPag - Unified Portal for Agricultural Statistics by Department of Agriculture & Farmers Welfare <https://upag.gov.in/dash-reports/stateprofile?rtab=State+Prod>

Usage

```
readIndiaStateAPY()
```

Value

magpie object containing Area, Yield, and Production data.

Author(s)

Ankit Saha

Examples

```
## Not run: a <- madrat::readSource(type="IndiaStateAPY", subtype="Rice", convert="onlycorrect")
```

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