Western Cape Government

AGRISTATS

A set of tools to enable improved agricultural decision-making

Elsenburg

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Brief description of Innovation/Technology

AgriStats

Summary of regional datasets emanating from Departmental Flyover project

- Datasets made available in Excel down to local municipal level

  - Various ***Agritourism*** categories

    – Accommodation, 4x4 Routes, etc

  - ***Crops***

    – Area under each crop in hectares per local municipality

  - ***Infrastructure***

    – Dairies, tunnels, netting, etc

  - ***Livestock***

    – Numbers per livestock category (sheep, cattle, pigs, etc)

Brief description of Innovation/Technology

Available databases

Examples of datasets available

- Datasets made available in Excel down to local municipal level

  - *Agricultural land prices*

    – Three land sizes per municipal area

    – Available for each provinces

  - *Game species price data*

    – Average & highest prices for each species

  - *Livestock breed price data*

    – Broken down to categories of each breed – cattle, goats, sheep

  - *Festival database* facilitating regional development

    – Festivals per towns per month of occurrence

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Why was this innovation/technology needed/developed?

Data was sourced and are managed to research structural changes

- Structural changes in agriculture

  - Disasters, new technologies and prices changes stimulate changes in agriculture

    – Flyover project captures real data every view years to compare with baseline data

    – View growth of on-farm production & infrastructure over time

    – Allows for improved planning and decision-making with eye on future

  - Livestock breed data

    – Valuable for farmers & commodity groups to determine possible trends

    – Makes planning for auctions & budgets easier

  - Game species price data

    – Calculations of investment

    – Makes planning for auctions & budgets easier

  - Regional festival data

    – Towns view monthly flow of attractions – facilitate regional development planning

New and novel aspects to the innovation/technology

Database development

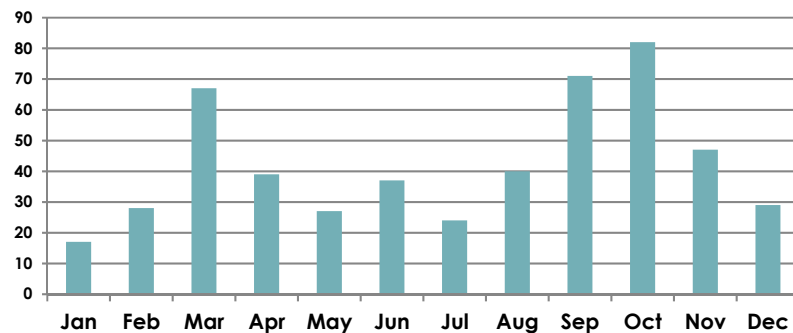- Agricultural land prices

  - Per local municipality

    – Intensive farming areas: 0-20ha; 21-50ha & >50 ha   also 0-50ha; 51-300ha & >300ha

    – Extensive farming areas: 0-100ha; 101-1000ha & >1000 ha

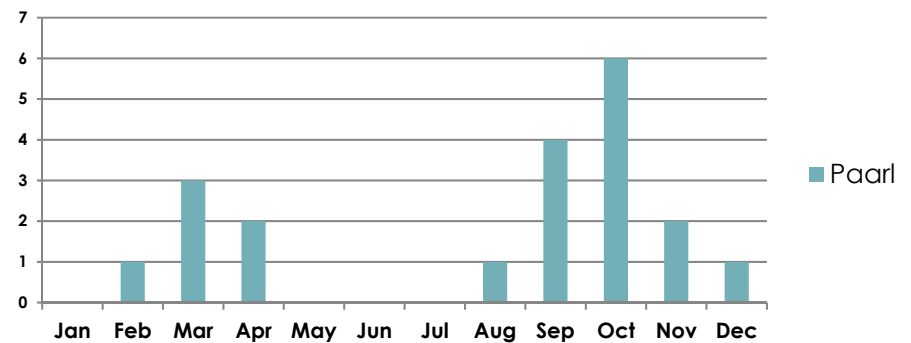   – Western Cape: data available from 2003

- Festival monitoring as regional development tool (498)

  - Monthly flow of festivals determines visitation per area

Monthly flow of festivals (Western Cape)

Monthly occurence of festivals (Paarl)

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Significant wins/impact

Accurate recording of demand for data is kept

- Agricultural land prices
  - Used by farmers/consultants to plan farm sales
  - Used by National Department of Agriculture, Land Reform & Rural Development in project planning
  - Utilised in business plan development

- Festival monitoring as regional development tool
  - Municipal town planners use as tool to plan for expansion
  - Local tourism specialists use for determining periods of low/high tourist visitation
  - Local businesses plan accordingly their purchases

- Commodity/breed price databases
  - Farmers, agribusinesses, academics, economists

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Links to website/reading/references etc.

- Visit Website

  - https://www.elsenburg.com/gis/apps/agristats/

- Contact *Riaan Nowers*

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Thank you

Contact Us

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BETTER TOGETHER.

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