



Western Cape  
Government

---

Western Cape Department of Agriculture

# Management Improvement Plan

## Long-Term Crop Rotation Evaluation

JA Strauss & A Swanepoel  
2015

**TITLE**  
**MANAGEMENT IMPROVEMENT PLAN**

**1. MANAGEMENT RESPONSE ON RECOMMENDATIONS**

<b>Recommendation</b>		<b>Record of agreement or disagreement</b>	<b>Reasons for disagreement</b>
1	continue with the current trails at Langgewens	Agree	
2	investigate new cultivars and alternative crops	Agree	
3	develop new parallel research trails for sandy areas (i.e. Sandveld)	Agree	
4	investigate input costs and consider alternatives to the norm	Agree	
5	conduct closer combined research with industry	Agree	

## 2. IMPROVEMENT OBJECTIVES

Recommendation 1:	Continue with the current trails at Langgewens
Recommendation 2:	Investigate new cultivars and alternative crops
Recommendation 4:	Investigate input costs and consider alternatives to the norm
<b>Improvement Objective 1:</b>	<b>Extending the Langgewens long-term rotation trials through the continuation of the current trial and initiating a new long-term trial that will also include new cultivars and alternative crops and alternative inputs to the norm.</b>
Recommendation 3:	Develop new parallel research trails for sandy areas (i.e. Sandveld)
<b>Improvement Objective 2:</b>	<b>Investigate the feasibility of initiating crop rotation trials within the sandy areas of the Swartland where cereals crops are produced.</b>
Recommendation 5:	Conduct closer combined research with industry
<b>Improvement Objective 3:</b>	<b>Invest the possibility of a closer working relationship between Plant Sciences and all industry players working with the dry-land crop and pasture production arena</b>

### 3. IMPROVEMENT PLAN

<b>Improvement Objective 1:</b>		<b>Extending the Langgewens long-term rotation trials through the continuation of the current trial and initiating a new long-term trial that will also include new cultivars and alternative crops and alternative inputs to the norm.</b>							
<b>Output</b>		<b>Priority</b>	<b>Activity</b>		<b>Deliverable</b>	<b>Person</b>	<b>Deadline</b>	<b>Budget available</b>	<b>Progress</b>
1.1	Technical committee	Important	1.1.1	Meetings	Decision on old and new trial	Dr JA Strauss	30 July 2015	Support for both trials externally sourced	Various meetings have already been conducted earlier and the technical committee of the Langgewens long-term trials has supported the extension of the current trial and the new trial has already been designed

<b>Improvement Objective 2:</b>		<b>Investigate the feasibility of initiating crop rotation trials within the sandy areas of the Swartland where cereals crops are produced.</b>							
<b>Output</b>		<b>Priority</b>	<b>Activity</b>		<b>Deliverable</b>	<b>Person</b>	<b>Deadline</b>	<b>Budget available</b>	<b>Progress</b>
2.1	Exploratory meeting	Very important	2.1.1	Meeting	Action plan for rotation trials in sandy areas	Dr JA Strauss	30 August 2015	N/A	Waiting on producers in the sandy areas to indicate a suitable date for exploratory meeting

<b>Improvement Objective 3:</b>		<b>Invest the possibility of a closer working relationship between Plant Sciences and all industry players working with the dry-land crop and pasture production arena</b>							
<b>Output</b>		<b>Priority</b>	<b>Activity</b>		<b>Deliverable</b>	<b>Person</b>	<b>Deadline</b>	<b>Budget available</b>	<b>Progress</b>
3.1	Exploratory meetings with industry		3.1.1	Meetings	Action plan	Dr JA Strauss	30 December 2015	N/A	

#### 4. COMMUNICATION PLAN

Target audience	Message	Media vehicle	Deadline	Person	Budget available	Progress
Swartland producers	Report on the future of the crop rotation trials conducted at Langgewens	Farmers' day E-mails through agri-businesses in the area	Continuous	Dr JA Strauss	N/A	In progress
Swartland sandy areas	Action plan following exploratory meeting	Farmer Association Meetings	September 2015	Dr JA Strauss	N/A	In planning stages
Local agricultural industry	Report on research needs identified from farmers	Conference	Meetings	Dr JA Strauss	N/A	In planning stages