

AGRICULTURAL BUSINESS INNOVATION SURVEY 2022-2024



For a more innovative South Africa

*INCLUDING FARMING, FORESTRY AND FISHERIES



This survey collects information on your firm's innovations and innovation activities between 2022 and 2024 inclusive.



Please note: In order to compare firms with and without innovation activities, we request **all firms** regardless of sector or size, to **respond to all questions**, unless otherwise instructed.

YOUR UNIQUE COMPANY ID*
(required field):

* This number was provided by email to the company official contacted by our research team. Need help getting this? Contact innovation@hsrc.ac.za.

ADDRESS: *If your address has changed, please update here.*

Name (with title)

Designation

Company

Address

Province

Postal code



Science, Technology
and Innovation
Statistics South Africa



HSRC
Human Sciences
Research Council

CeSTII
Centre for Science, Technology
& Innovation Indicators



IMPORTANT INFORMATION

What is this survey about?

This survey collects information about innovations and innovation activities in the agricultural business sector, including farming, forestry and fisheries, during the three-year period 2022–2024 inclusive. The survey is meant to produce statistical information for understanding the sector's innovation performance, its determinants and impacts. Among other uses, the statistics will inform the government in developing policies to stimulate innovation, productivity and competitiveness.

What is an innovation?

An **innovation** is the introduction of a new or significantly improved product, or business process by your firm/business. The innovation must be new to your firm, although it could have been originally developed by other firms.

What is the scope of this survey?

The statistical unit for the survey is the **enterprise** as defined by Statistics South Africa: an enterprise is "a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities". It refers to a registered formal business, company or firm that is capable in its own right to own assets, incur liabilities and conduct economic activities. While the survey targets formal businesses, it excludes informal enterprises. In this survey we use the terms enterprise, business, company and firm interchangeably.

Who is the authority of this survey?

The Department of Science, Technology and Innovation (DSTI), as a partner within the National Statistics System, mandated the Centre for Science, Technology and Innovation Indicators of the Human Sciences Research Council (HSRC) to perform this survey.

What about the confidentiality of my company's information?

All information gathered by this survey will be held in strictest confidence. The data may be used for statistical purposes to complement research and analysis of innovation indicators. Under no circumstances will the HSRC, DSTI or Statistics South Africa publish, release or disclose any information on or identifiable with, individual firms or business units.

Who should complete this questionnaire?

This questionnaire should be completed by the CEO, Managing Director, or a senior manager who has adequate knowledge of the strategy and innovation matters of the business.

Who can I contact if I need assistance?

If you have any problems in completing this questionnaire and/or meeting the due date, please do not hesitate to contact any of the survey management staff listed below for assistance:

Name of staff member	Telephone	Email address
Ms Nombulelo Nhlapho (Sigma Kairos Research & Consulting)	010 109 1819	Nombulelo.Nhlapo@sigmakairos.co.za
Pilela Majokweni		pmajokweni@hsrc.ac.za
Dr Yasser Buchana	021 466 7840	ybuchana@hsrc.ac.za
Gerard Ralphs	021 466 7916	gralphs@hsrc.ac.za
Dr Glenda Kruss	021 466 8086 / 082 459 4455	gkruss@hsrc.ac.za

KEY:



Definition



Instruction

DETAILS OF PERSON COMPLETING THE QUESTIONNAIRE:

Name (with title)	<input type="text"/>
Company Name	<input type="text"/>
Job Title	<input type="text"/>
Telephone	<input type="text"/>
Email	<input type="text"/>
Signature/ Initials	<input type="text"/>



1

Factors that support/promote agricultural innovation



If your business is part of a group of firms, please answer **all questions about your firm only**, for its own activities in South Africa. Exclude all subsidiaries or parent companies.

1.1 During the three years 2022 to 2024, how important were the following factors in supporting/promoting your innovation activities or projects or influencing a decision to innovate?

Tick 'Not relevant' if there were no innovation outcomes.

Factor	Degree of importance				Factor	Degree of importance			
	High	Medium	Low	Not relevant		High	Medium	Low	Not relevant
Access to finance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Government support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Agricultural policies/Regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Competition from other farmers and food businesses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to Information Communication Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Competition from external players (i.e. non-traditional agricultural businesses)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Access to training/skills (farming skills, business skills, ICT skills, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Access to agro-chemicals, including fertiliser, herbicides, pesticides, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Labour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Weather/Climate change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					



2 Factors that impede agricultural innovation

2.1 How important were the following factors in hampering your innovation activities or projects or influencing a decision not to innovate?

Factor	Degree of importance				Factor	Degree of importance			
	High	Medium	Low	Not relevant		High	Medium	Low	Not relevant
Lack of access to finance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Difficult agricultural policies/Regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of access to agricultural land	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Too much competition from other farmers and food businesses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of access to water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Too much competition from external players (i.e. non-traditional agricultural businesses)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of access to Information Communication Technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lack of access to markets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of access to training/skills (farming skills, business skills, ICT skills, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Load-shedding (electricity cuts)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of access to agro-chemicals, including fertiliser, herbicides, pesticides, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Lack of labour	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Weather/Climate change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
Lack of government support	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					



2.2 Are you aware that the South African government offers financial support for innovation?

Yes

No

If **No**, please go to section 3.1

2.3 Have you applied for financial support from the South African government?

Yes

No

2.4 Are you aware that the South African Government offers access to research facilities for innovation?

Yes

No

2.5 Have you applied to use the South African government research facilities for innovation?

Yes

No

2.6 Have you received funding or Support for innovation

Yes

No



3 Product (goods or services) innovation



A product innovation is the introduction to market of a **new** or **significantly improved** good or service with respect to its capabilities, such as improved taste, user-friendliness, components, software or sub-systems. The innovation **must be new to your enterprise**, but it **does not need to be new to your industry sector or market**. It does not matter if the innovation was originally developed by your enterprise or by other enterprises. A **good** is usually a tangible object such as a phone, wheelbarrow, or packaged food. A **service** is usually intangible, such as educational courses, consulting, etc.

Please note: The latest terminology classifies “**products**” as consisting of both “**goods**” and “**services**”. The provision of innovative services is of increasing importance in competitive economies.

3.1 During the three years 2022 to 2024, did your firm introduce:

→ **Entirely new goods**

Exclude the simple resale of new goods purchased from other firms and minor changes that only alter the appearance of goods

→ **Significantly improved goods**

An existing good whose performance has been significantly enhanced or upgraded

→ **Entirely new services**

→ **Significantly improved services**

Yes No

If **No** to all, please go to section 4.1



3.2 By whom were these product innovations developed?

- Mainly your firm
- Other firms in your group of firms
- Your firm together with other firms or institutions
- Your firm by adapting or modifying goods or services originally developed by other firms or institutions
- Mainly other firms or institutions

Tick all that apply

3.3 Were any of your product innovations during the three years 2022 to 2024 new to the market, new to your firm, or new to the world?

- **New to the market (in South Africa)**
Your enterprise introduced a new or significantly improved good or service onto your market before your competitors (it may have already been available in other markets).
- **New to your firm**
Your enterprise introduced a new or significantly improved good or service that was already available from your competitors in your market.
- **New to the world**
Your enterprise introduced a good or service that is entirely new to the world.

Yes	No
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



4 Business process innovation



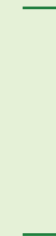
A business process innovation is a **new** or **improved** business process for one or more business functions that differs significantly from the firm's previous business processes and which has been implemented within the firm.

4.1 Did your firm introduce new or improved:

	Yes	No
Business processes within the organisation to improve farming or production objectives/targets?	<input type="checkbox"/>	<input type="checkbox"/>
Logistics, delivery or distribution methods?	<input type="checkbox"/>	<input type="checkbox"/>
Methods for information processing or communication?	<input type="checkbox"/>	<input type="checkbox"/>
Business practices for organising procedures or external relations	<input type="checkbox"/>	<input type="checkbox"/>
Improved methods to deal with the effects of climate change (e.g. droughts and floods)	<input type="checkbox"/>	<input type="checkbox"/>
Other examples of process innovations, please specify		

4.2 By whom were these business process innovations developed?

- Mainly your firm
- Other firms in your group of firms
- Your firm together with other firms or institutions
- Your firm by adapting or modifying goods or services originally developed by other firms or institutions
- Mainly other firms or institutions



Tick all that apply



4.3 Were any of your business process innovations during the three years 2022 to 2024 new to the market, new to the firm, or new to the world?

Yes No

New to the market (in South Africa)

Your enterprise introduced a new or significantly improved good or service onto your market before your competitors (it may have already been available in other markets).

<input type="checkbox"/>	<input type="checkbox"/>
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New to your firm

Your enterprise introduced a new or significantly improved good or service that was already available from your competitors in your market.

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

New to the world

Your enterprise introduced a good or service that is entirely new to the world.

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------



5 Ongoing or abandoned innovation activities



Innovation activities include the acquisition of machinery, equipment, software, licenses, engineering and development work, training, marketing and research and experimental development (R&D) when they are **specifically** undertaken to develop and/or implement a product or process innovation.

5.1 During the three years 2022 to 2024:

→ Did your firm have any innovation activities that **did not** result in a product or business process innovation because the activities were **abandoned**?

Product innovation

Business process innovation

Yes No

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

5.2 During the three years 2022 to 2024:

→ Did your firm have any innovation activities that **did not** result in a product or business process innovation because the activities were **still ongoing** at the end of 2024?

Product innovation

Business process innovation

Yes No

<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>



6 Innovation activities

6.1 During the three years 2022 to 2024, did your firm engage in the following innovation activities?

		Yes	No
A	Intramural (in-house) research and experimental development (R&D) <i>Creative work undertaken on a systematic basis within your enterprise to increase the stock of knowledge and its use to devise new and improved products and processes (including software development).</i>	<input type="checkbox"/>	<input type="checkbox"/>
If Yes, did your enterprise perform R&D during 2022 to 2024: Continuously <input type="checkbox"/> Occasionally <input type="checkbox"/>			
B	Extramural or outsourced R&D <i>Same activities as above, but performed by other companies (including other firms within your group) or by public or private research organisations and purchased by your firm.</i>	<input type="checkbox"/>	<input type="checkbox"/>
C	Acquisition of computer hardware	<input type="checkbox"/>	<input type="checkbox"/>
D	Acquisition of computer software	<input type="checkbox"/>	<input type="checkbox"/>
E	Acquisition of agricultural land	<input type="checkbox"/>	<input type="checkbox"/>
F	Acquisition of agricultural machinery and equipment <i>Acquisition of advanced machinery and equipment to produce new or significantly improved products and processes.</i>	<input type="checkbox"/>	<input type="checkbox"/>
G	Acquisition of other external knowledge <i>Acquisition of existing know-how, copyrighted works, patented and non-patented inventions, etc. from other firms or organisations for the development of new or significantly improved products and processes.</i>	<input type="checkbox"/>	<input type="checkbox"/>
H	Training <i>Internal or external training for your personnel specifically for the development and/or introduction of new or significantly improved products and processes.</i>	<input type="checkbox"/>	<input type="checkbox"/>



I Other activities, if yes please specify Yes No
Other in-house or contracted out activities to implement new or significantly improved products or processes such as feasibility studies, testing, tooling up, etc.

6.2 Please provide the approximate number of employees that were involved in the activities that were intended for innovation, accounted for in 6.1 above, according to the following categories:
(Ensure that the totals are the same for each of the demographic categories.)

		Male	Female	Total		
6.2.1 Gender		<input type="text"/>	<input type="text"/>	<input type="text"/>		
	South African					
	Black	Coloured	Indian/Asian	White	Non-SA	Total
6.2.2 Population group	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
		18–25 years	26–35 years	36–60 years	>60 years	Total
6.2.3 Age group		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Matric or other	Diploma	Degree	Masters	PhD	Total
6.2.4 Education level	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

All totals should be the same/equal

6.3 Please provide an estimation of expenditure of your business on innovation activities in 2024?

(Please estimate if you lack precise accounting data)

R&D performed in-house (Include current expenditures including labour costs and capital expenditures (buildings, machinery, equipment, software etc.) specifically for R&D)

R

R&D contracted outside of your organisation

R

All other innovation activities (excluding R&D)

R

7 Capabilities for agricultural innovation

7.1	During the three years 2022 to 2024, did your firm develop or use any of the following advanced technologies?	Developed	Used <i>Choose appropriate, can also be both</i>		Did not use or develop
			Locally developed	Imported	
A	Sensor technologies/IOT technologies (e.g. air, soil, crop, livestock sensors, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B	Artificial intelligence technologies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C	Blockchain technologies (e.g. crypto currencies, distributed ledgers, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D	Precision agriculture <i>(to be answered only by animal and crop farming + forestry businesses)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E	Drones/Robotics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F	Smart plant/animal breeding <i>(to be answered only by animal and crop farming + forestry businesses)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G	Specify other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



7.2 During the three years 2025 to 2027, does your firm plan to develop or use any of the following advanced technologies?

Plan to develop

Plan to use
Choose appropriate, can also be both
 Locally developed Imported

Do not plan to use or develop

A Sensor technologies/IOT technologies (e.g. air, soil, crop, livestock sensors, etc.)

B Artificial intelligence technologies

C Blockchain technologies (e.g. crypto currencies, distributed ledgers, etc.)

D Precision agriculture
(to be answered only by animal and crop farming businesses)

E Drones/Robotics

F Smart plant/animal breeding
(to be answered only by animal and crop farming businesses)

G Specify other:

8 Effects of innovation during 2022 to 2024

8.1 Did your agricultural innovations from 2022 to 2024 lead to any of the following outcomes?
Skip if you did not do any innovations in 2022 to 2024.

Innovation outcomes		Yes	No
Product outcomes	Increased range of goods or services	<input type="checkbox"/>	<input type="checkbox"/>
	Improved quality of goods or services	<input type="checkbox"/>	<input type="checkbox"/>
	Create new markets	<input type="checkbox"/>	<input type="checkbox"/>
Process outcomes	Increased capacity of production or service provision	<input type="checkbox"/>	<input type="checkbox"/>
	Reduced labour costs per unit output	<input type="checkbox"/>	<input type="checkbox"/>
	Reduced materials and energy per unit output	<input type="checkbox"/>	<input type="checkbox"/>
Strategic outcomes	Increased revenue	<input type="checkbox"/>	<input type="checkbox"/>
	Reduced costs	<input type="checkbox"/>	<input type="checkbox"/>
	Entered new local markets or increased local market share	<input type="checkbox"/>	<input type="checkbox"/>
	Entered new International export markets or increased international export market share	<input type="checkbox"/>	<input type="checkbox"/>
Environmental outcomes	Increased biodiversity preservation, if yes please describe how <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Increased water preservation, if yes please describe how <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Improvement in soil fertility <i>(Only Agriculture and Forestry businesses)</i>	<input type="checkbox"/>	<input type="checkbox"/>
	Reduced greenhouse gas emissions, if yes please describe how <input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>



9

Sources of information for innovation activities

- 9.1 During the three years 2022 to 2024, how important to your firm's innovation activities were each of the following information sources? Include information sources that provided information for new innovation projects or contributed to the completion of existing projects. Skip if you did not do any innovations in 2022 to 2024.

Information source		Degree of importance			
		High	Medium	Low	Not used
Internal sources	Sources within your firm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Market resources	Suppliers of equipment, materials, components or software	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Clients or customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Competitors or other firms in your sector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Consultants, commercial laboratories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Education & research	Universities/higher education institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Government or public research institutes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Private research institutes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Network sources	Conferences, trade fairs, exhibitions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Scientific journals and trade/technical publications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Professional and industry associations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Indigenous knowledge sources	Traditional farming practices and techniques	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Local Communities knowledge sources (methods passed down in the community, such as mixed cropping, natural pest control)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Traditional healers and herbal knowledge (e.g. using indigenous plants to heal livestock, improve soil, and protect crops)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10

Collaboration and sources of information

In this section you are asked about your enterprise's collaboration and sources of information for its product and process innovation activities

- 10.1 During the three years 2022 to 2024, did your enterprise collaborate on any of your innovation activities with other enterprises or institutions? Yes No
- Collaboration requires co-ordinated activity across different parties to address a jointly defined problem, with all partners contributing. Collaboration requires the explicit definition of common objectives and it may include agreement over the distribution of inputs, risks and potential benefits. Collaboration can create new knowledge, but it does not need to result in an innovation. Each partner in a collaboration agreement can use the resulting knowledge for different purposes.*

- 10.2 Please indicate the type of collaboration partner and their location. *Tick all that apply.*

Type of collaboration partner	South Africa	Rest of Africa	Europe	USA	Asia	Other countries
A Other enterprises within your enterprise group	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B Suppliers of equipment, materials, components or software	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C Clients or customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D Competitors or other enterprises in your sector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E Consultants and commercial labs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Universities / higher education institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G Government or public research institutes (e.g. CSIR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H Private research institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I Other (please specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- 10.3 Which type of collaboration partner was the most valuable for your enterprise's innovation activities?
- Give corresponding letter from 10.2. For example, if you selected Clients or customers, write 'C'.*



General information about your business

11.1. Which of the following best describes the ownership structure of the enterprise you operate or manage?

(Please select the most appropriate option.)

Individually owned/ Sole proprietor (by a single person)

Close corporation (CC)

Public company

Trust / Family-owned or jointly owned (by relatives or partners)

Communal or traditional ownership (land managed collectively by a community or under customary law)

Cooperative ownership (owned and operated by a group of farmers)

Private company-owned (Pty) Ltd

State-owned (SOE) or leased from the government

Other (please specify):

11.2 Please provide a short description of your main business activity

11.3 Is your firm part of a group of firms?

A group consists of two or more legally defined firms under common ownership. Each firm in the group may serve different markets, as with national or regional subsidiaries, or serve different product markets. The head office is also part of a group of firms.

Yes No



In which country is the head office of your group located?

11.4 Does your firm have a subsidiary(ies) outside South Africa?

Yes No

11.5 Please provide the year in which your firm was established.

11.6 In which geographic markets did your firm sell goods or services during the three years 2022 to 2024?

South Africa	<input type="checkbox"/>
Rest of Africa	<input type="checkbox"/>
Europe	<input type="checkbox"/>
North America (USA, Canada, Mexico)	<input type="checkbox"/>
Latin America	<input type="checkbox"/>
Asia	<input type="checkbox"/>
Middle East	<input type="checkbox"/>
Other countries, please specify:	<input type="checkbox"/>
<input type="text"/>	



11.7 Please indicate which of these markets were the largest in terms of turnover?

11.8 What was your firm's total number of employees in 2022 and 2024?

Annual average number of employees, both full-time and part-time. If not available, give the number of employees at the end of each year.

2022		2024	
Male	Female	Male	Female
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

11.9 Approximately what percentage of your total employees had a university degree or diploma?

2022		2024	
Male %	Female %	Male %	Female %
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

11.10 What was your firm's approximate total turnover for 2022 and 2024?

Turnover is defined as the total amount received for goods sold and services rendered for the financial year (including amounts received for work done, services rendered, rent and or lease payments received for land and buildings, rent, leasing and hiring received for machinery, vehicles and other equipment; but excluding value added tax (VAT), net profit or loss on sales or revaluation of fixed assets (including profit or loss on foreign exchange), export freight charges, interest received). Please give exact turnover e.g. one million Rand should be entered as 1 000 000.

2022 R

2024 R

11.11 In which province(s) is your enterprise located? *Select all that apply*

- | | | |
|-----------------------------------------|------------------------------------------|---------------------------------------|
| → Western Cape <input type="checkbox"/> | → KwaZulu-Natal <input type="checkbox"/> | → Free State <input type="checkbox"/> |
| → Eastern Cape <input type="checkbox"/> | → North West <input type="checkbox"/> | → Mpumalanga <input type="checkbox"/> |
| → Gauteng <input type="checkbox"/> | → Northern Cape <input type="checkbox"/> | → Limpopo <input type="checkbox"/> |

AGRICULTURAL BUSINESS INNOVATION SURVEY 2022-2024



For a more innovative South Africa

*INCLUDING FARMING, FORESTRY AND FISHERIES

You've come to the end of the questionnaire. Thanks for taking the time to respond to our questions, and for interacting with us in the process.

We're planning to deliver results to your business and the rest of South Africa at the beginning of 2026.

What next? If you have completed this questionnaire using Adobe Acrobat Reader, please save the file to your desktop and return the file to us via email.

Your participation matters.

**The Agricultural Business Innovation Survey
2022-2024 Team**



For more information



Access previous survey reports >
<https://hsrc.ac.za>



Contact the survey team >
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