



KWAZULU-NATAL PROVINCE
AGRICULTURE AND RURAL DEVELOPMENT
REPUBLIC OF SOUTH AFRICA

TECHNICAL INDICATOR DESCRIPTIONS

ANNUAL PERFORMANCE PLAN 2020/2021



PROGRAMME 2: AGRICULTURAL DEVELOPMENT SERVICES

Programme: Sustainable Resource Management

Indicator Title	Percentage of Subdivision of Agricultural Land Act applications to change land use submitted to National Department (DLRRD) within 30 days
Definition	The percentage of applications to change land use submitted to National Department as per the Subdivision of Agricultural Land Act within 30 days.
Source of data	Application form the applicant to rezone Land; Letter of acknowledgement: Administrator (Natural recourses) and Recommendation Letter from the Department
Method of Calculation / Assessment	Quantitative (simple count)
Means of verification	Approved Recommendation Letter from the Department
Assumptions	The Department will have sufficient resources to respond to public request for land use applications.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	PoE will include location information.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher Performance
Indicator Responsibility	Director: Sustainable Natural Resource

Indicator Title	Number of farm management plans developed for farmers
Definition	The indicator refers to farm management plans, including farm maps, developed in terms of CARA to ensure compliance to sustainable land use and management principles.
Source of data	Planet GIS, Google earth, Model Maker, Soil conservation farm files
Method of Calculation / Assessment	Simple Count



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Means of verification	Farm management plans including farm plans
Assumptions	The Department will have sufficient resources to develop farm management plans for its clients.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	PoE will include location information.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable
Indicator Responsibility	Director: Sustainable Natural Resource

Indicator Title	Number of disaster risk early warning campaigns conducted
Definition	Awareness campaigns on disaster risk reduction in the form of gatherings where farmers and officials discuss natural hazards such as drought, floods, veldfires and cold spells and ways to prevent and mitigate their impacts or using media platforms such as radio, social media platforms or television. These awareness campaigns can be in the form of study groups, workshops or on-farm demonstrations depending on the hazard to be discussed. Awareness campaigns are some of the ways to build resilience of farming communities to impacts of natural hazards.
Source of data	On farm data supplied by farmers and extension services (Include province specific information)
Method of Calculation / Assessment	Simple count
Means of verification	Signed-off and dated reports and attendance register
Assumptions	Farmers to have access to virtual meetings (Include province specific information)
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	Districts- PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable



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Indicator Responsibility	Director: Sustainable Natural Resource
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Indicator Title	Number of hectares of agricultural land rehabilitated through the Land Care Programme
Definition	Area of farm land under conservation measures, which include any agronomic, vegetative, structural use and management measures or combinations thereof. Rehabilitated means that the rehabilitation project has been implemented yet it could need other interventions to achieve full rehabilitation/restoration. This area may include both grazing and arable land.
Source of data	Monthly project non-financial reports. Report compiled and signed off by the LandCare Coordinator (Include province specific information)
Method of Calculation / Assessment	Simple Count
Means of verification	Report signed by the Provincial LandCare Coordinator supported by beneficiaries acknowledgement forms or letters and maps (that will be kept at provincial level)
Assumptions	Project will commence on time as planned, there will be no cuts in budget, no delays with procurement process (Include province specific information)
Disaggregation of Beneficiaries (where applicable)	Province specific using EPWP Phase IV targets as a base: Target for Women: 60 % Target for Youth: 55 % Target for People with Disabilities: 2 %
Spatial Transformation (where applicable)	Districts-PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable
Indicator Responsibility	Director: Engineering

Indicator Title	Number of beneficiaries trained under Land Care EPWP Programme
Definition	Refers to the number of landcare project beneficiaries that have undergone training as part of the project activities of the EPWP programme.
Source of data	Project data lists, attendance registers, project reports
Method of Calculation / Assessment	Simple count
Means of verification	Training List and beneficiary details



Assumptions	There will be not budget cuts. Training will commence on time as planned.
Disaggregation of Beneficiaries (where applicable)	Province specific using EPWP Phase IV targets as a base: Target for Women: 60 % Target for Youth: 55 % Target for People with Disabilities: 2 %
Spatial Transformation (where applicable)	Districts- PoE to include location information.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable
Indicator Responsibility	Director: Engineering

Indicator Title	Number of people employed on Land Care EPWP programme
Definition	The indicator refers to the number of people employed, to rehabilitate and enhance the sustainable use and management of the natural agricultural resources, regardless of the duration of employment.
Source of data	Monthly project non-financial reports (Include province specific information)
Method of Calculation / Assessment	Simple Count
Means of verification	Register of workers signed by Provincial LandCare coordinators (supported by ID copies and timesheets indicating the number of days at work indicating kept at provincial level).
Assumptions	There will be not budget cuts. Projects will commence on time as planned.
Disaggregation of Beneficiaries (where applicable)	Province specific using EPWP Phase IV targets as a base: Target for Women: 60 % Target for Youth: 55 % Target for People with Disabilities: 2 %
Spatial Transformation (where applicable)	All Districts
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable
Indicator Responsibility	Director: Engineering



Farmer Support and Development

Indicator Title	Number of households supported with food security interventions
Definition	Number of food households that have been identified as food insecure and benefitting from the Department's food security interventions.
Source of data	List of beneficiaries, Food Security Business Plans, Distribution Registers, Reports,
Method of Calculation / Assessment	Simple count
Means of verification	List of beneficiaries and Household Food Security Distribution Registers
Assumptions	It is assumed that the Department will have sufficient capacity and resources to identify food insecure households and provide them with agricultural support inputs to help them grow own food to improve ability to provide sufficient and nutritious food consistently to prevent food deprivation and malnutrition.
Disaggregation of Beneficiaries (where applicable)	Target for Women: 50%; Target for Youth: 50%; Target for People with Disabilities: 6%
Spatial Transformation (where applicable)	All Districts
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of hectares planted for food production
Definition	Number of hectares planted refers to the area of land put under production through the support provided by the Department for crop production in all the districts, this could be in private farm, communal, land reform and / or leased land under production.
Source of data	Planting Recording Forms / Mechanization Form / report (Digital pen report)
Method of Calculation / Assessment	Simple count
Means of verification	Planting Recording Form / Mechanization Form, Beneficiary Lists and ID Copy of the beneficiary,
Assumptions	Climatic conditions will be favourable and the Department will have sufficient budget to procure and deliver production inputs and mechanization support to help producers plant food timeously.
Disaggregation of	N/A



Beneficiaries (where applicable)	
Spatial Transformation (where applicable)	All Districts
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of smallholder producers supported with agricultural production inputs
Definition	Smallholder producers refer to producers that produce for household consumption and markets. Support refers to tangible support i.e. infrastructure and/or production inputs. Infrastructure includes on and off farm infrastructure. Production inputs include mechanization, crop and livestock.
Source of data	A signed form confirming issuing of the Goods to the producer with signature confirming receipt of the goods. The form should indicate quantities of the production inputs received.
Method of Calculation / Assessment	Simple count
Means of verification	Letter of request, Goods Issue Form, Beneficiary ID copy, and Beneficiary List.
Assumptions	Budget is available
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts- Portfolio of Evidence to include GPS Coordinates and Location Details of the Producer supported.
Calculation Type	Cumulative (Year End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of black commercial producers supported with agricultural production inputs
Definition	Defined as a venture undertaken by an individual or business entity for the purpose of deriving a source of income from agricultural activities. Support refers to tangible support i.e. infrastructure and/or production inputs. Infrastructure includes on and off farm infrastructure. Production inputs include mechanisation,



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	crop and livestock production inputs, technical and financial.
Source of data	Letter of Request and Signed Goods Issue Forms
Method of Calculation / Assessment	Quantitative (simple count)
Means of verification	Letter of Request, ID copies, Beneficiary list, Goods Issue Forms
Assumptions	It is assumed that the Department will have sufficient resources to provide production inputs to commercial producers thus enabling them to run sustainable agricultural enterprises.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts- Portfolio of Evidence to include GPS Coordinates and Location Details of the Producer supported.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of producers supported with agricultural advice.
Definition	Specific technical agricultural information provided to a producers (site visits) or group of producers (farmer days, information days, demonstrations).
Source of data	DARD Local Municipality Offices
Method of Calculation / Assessment	Simple count
Means of verification	Programme and signed attendance register (For group events like Farmers days, Information days and Demonstrations OR Client Contact forms and / or site visit report signed by producers (For individual contacts like Site Visits). (Digital pen report Ad Hoc visit and Project visit)
Assumptions	It is assumed the Department will have sufficient extension and advisory support officials to provide agricultural advice to farmers in all the districts to help improve their farming methods and production outputs.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts- Portfolio of evidence to include location details of the farmer advised.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly



Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of agricultural job opportunities created through Departmental Infrastructure and Mechanization interventions
Definition	Number of people employed, to establish and rehabilitated agricultural infrastructure, e.g. fencing, erection of agricultural buildings and to provide mechanization services (tractor drivers).
Source of data	Time-sheets, on those employed on a temporary basis
Method of Calculation / Assessment	Simple count: number of smallholder producers supported.
Means of verification	Time sheets supported by ID copies of the beneficiaries
Assumptions	It is assumed that the infrastructure projects supported by the Department and the mechanization programme will create job opportunities for unemployed person mainly on temporary basis or seasonal in line with production requirements.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All District- Portfolio of evidence will include location details of the where job opportunities have been created.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of agricultural infrastructure established by the Department
Definition	Agricultural infrastructure (farm structures, irrigation and drainage technology, efficient energy solutions on-farm mechanization, value adding infrastructure, farm structures and resource conservation management infrastructure) constructed according to approved plans and specifications
Source of data	Engineering Completion certificates provided for completed projects; list of infrastructure established
Method of Calculation / Assessment	Simple count
Means of verification	Signed engineering completion certificate
Assumptions	It is assumed that the Department will have sufficient budget to implement infrastructure projects and that they will be implemented according to specifications and delivered on time.



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Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts- Portfolio of evidence will include GPS Coordinates of the where infrastructure was established
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of agricultural infrastructure rehabilitated by the Department
Definition	Existing agricultural physical structures that have been requires to have repairs done to bring them to optimal condition executed to help farmers improve their production process.
Source of data	Engineering Completion certificates provided for completed infrastructure projects
Method of Calculation / Assessment	Simple count
Means of verification	Engineering completion certificate (must include GPs coordinates, type of infrastructure and final contract value)
Assumptions	It is assumed that the Department will have sufficient budget to rehabilitate existing agricultural infrastructure assets and that they will be implemented according to specifications and delivered on time.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts - Portfolio of evidence will include GPS Coordinates of the where infrastructure was rehabilitated.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Kilometre of fence erected for agricultural use
Definition	Refers to the total number of kilometre fenced provided by the Department to securing agricultural land for production purposes.
Source of data	Signed Report on the number of kilometers fenced
Method of Calculation / Assessment	Simple count



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Means of verification	Signed Report on the number of kilometers fenced
Assumptions	It is assumed that the Department will have sufficient budget to implement fencing projects and that they will be implemented according to specifications and delivered on time.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts (PoEs to include location information)
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of female farmer projects supported by the Department
Definition	This is defined as a venture undertaken by a female individual or business entity for the purpose of deriving a source of income from agricultural, forestry and fisheries activities along the value chain. For a business entity, the project is regarded as a female project if it is composed of at least 51% woman. Support refers to tangible support which is limited only to infrastructure. Infrastructure includes on and off farm infrastructure.
Source of data	Beneficiary List, Beneficiary ID copy and Engineering completion certificate for completed infrastructure.
Method of Calculation / Assessment	Simple count
Means of verification	Beneficiary List, Beneficiary ID copy and Engineering completion certificate for completed infrastructure.
Assumptions	It is assumed that the Department will have sufficient budget to implement agricultural projects that will benefit women as part of their empowerment in the agricultural sector.
Disaggregation of Beneficiaries (where applicable)	Target for Woman: at least 51%
Spatial Transformation (where applicable)	Districts- PoE to include location information.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.



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Indicator Responsibility	Chief Director: Agricultural Services
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Indicator Title	Number of youth farmer projects supported by the Department
Definition	This is defined as a venture undertaken by a youth individual or business entity for the purpose of deriving a source of income from agricultural activities. For a business entity, the project is regarded as a youth project if it is composed of at least 51% youth. Support refers to tangible support which is limited only to infrastructure. Infrastructure includes on and off farm infrastructure.
Source of data	Beneficiary List, ID copies, Engineering completion certificate
Method of Calculation / Assessment	Simple count
Means of verification	Beneficiary List, ID copies, Engineering completion certificate
Assumptions	It is assumed that the Department will have sufficient budget to implement agricultural projects that will benefit the youth as part of their empowerment in the agricultural sector.
Disaggregation of Beneficiaries (where applicable)	Target for Youth: at least 51%;
Spatial Transformation (where applicable)	All District- PoE to include location information.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of projects for persons with disability supported by the Department
Definition	Refers to a venture undertaken by an individual with disability or business entity for the purpose of deriving a source of income from agricultural activities along the value chain. For a business entity, the project is regarded as a people with disability project if it is composed of at least 51% people with disability. Support refers to tangible support which is limited only to infrastructure. Infrastructure includes on and off farm infrastructure.
Source of data	Business plans, letter of request, signed off letter of approval for support by Provincial official, ID copies, signed delivery note by the beneficiary, signature of the people receiving support. Engineering completion certificate (must include GPS coordinates, type of infrastructure, actual payments made, and funding source) collected from engineers responsible for the project
Method of Calculation /	Simple count



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Assessment	
Means of verification	Beneficiary List, ID copies, Engineering completion certificate
Assumptions	Budget is available
Disaggregation of Beneficiaries (where applicable)	Target for people with disability: at least 51%
Spatial Transformation (where applicable)	District - (PoEs to include location information)
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Services

Indicator Title	Number of land reform farms supported by the Department
Definition	This refers to farms that has been transferred to individuals and communities under Restitution, Redistribution and Land Tenure models in KwaZulu- Natal province as part of governments Land Reform Programme.
Source of data	Extension Officer Reports, Beneficiary Lists, approved project list of land reform farms, Project visits
Method of Calculation / Assessment	Quantitative (simple count)
Means of verification	Signed Goods Issue Form
Assumptions	There will be sufficient resources to support identified land reform farms and that they will be implemented according to specifications and delivered on time.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	Districts (PoEs to include location information)
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance
Indicator Responsibility	Chief Director: Agricultural Services



Programme: Veterinary Services

Indicator Title	Number of visits to epidemiological units for veterinary interventions
Definition	<p>Visits refer to visit by veterinary official or veterinarian on behalf of the state.</p> <p>Epidemiological units include residential areas, villages, conservation areas, dip tanks, crush pens, farms, compartments, dams and establishments.</p> <p>Veterinary interventions include advice, training, awareness, inspections, detection, investigation, control, eradication, prevention, implementation of bio-security measures, primary animal health care, disease surveillance for controlled diseases, including Foot and Mouth Disease (FMD), Contagious Bovine Pleuropneumonia CBPP), Peste des Petits Ruminants (PPR) and Avian Influenza (AI) (epidemiology), , enforcement of animal welfare and effective animal census. Clients are defined as any person who uses the services of a veterinarian or para-veterinary professional</p>
Source of data	Source Documents-One on one consultation form, group consultation form, Vaccination source documents, proof of evidence form, Laboratory submission form, dipping registers, PAHC consulting form , attendance registers, Inspection Registers
Method of Calculation / Assessment	Simple count
Means of verification	
Assumptions	It is assumed there will be sufficient resources to conduct veterinary interventions.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All districts- PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: VET Services

Indicator Title	Number of rabies vaccinations conducted by veterinary services
Definition	<p>Rabies is a zoonotic disease and controlled animal disease in terms of animal disease act-35 of 1984. This indicator is aimed at conducting free rabies vaccinations in order to reduce the canine mediated rabies cases.</p>



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Source of data	Every report of the visit should indicate the date of the visit, the name(s) of the official(s), types of interventions, the species and numbers attended to.
Method of Calculation / Assessment	Simple count, each animal vaccinated is counted
Means of verification	Veterinary Visit Report
Assumptions	It is assumed there will be sufficient resources to conduct veterinary interventions.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts- PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: VET Services

Indicator Title	Percentage level of abattoir compliance to meat safety regulation
Definition	Refers to the overall compliance level of operating abattoirs to promote meat safety and the safety of animal products in line with the Meat Safety Act.
Source of data	Hygiene Assessment System (HAS) audit reports and/completed meat safety checklists
Method of Calculation / Assessment	Quantitative (Simple count)
Means of verification	Abattoir Inspection Reports / Safety Checklists
Assumptions	It is assumed there will be sufficient resources to conduct veterinary interventions.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	All Districts- PoE to provide location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly,
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: VET Services

Indicator Title	Number of export control certificate issued
Definition	Refers to the certificate issued by Veterinary Services for ensuring that exported animals and animal products ("commodities") meet sanitary health requirements



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	of South Africa and those of the importing country. This is facilitated by performing veterinary procedures including testing, inspections, quarantine and treatment.
Source of data	Veterinary movement certificates (for movement within South Africa) Veterinary health certificates (for final export to destination country)
Method of Calculation / Assessment	Quantitative- Simple count
Means of verification	A register and copies of certificates issued
Assumptions	Each veterinary movement certification will result in a successful exportation of the commodity. Clients submit requests for export certification.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Improved economic development
Indicator Responsibility	Chief Director: VET Services

Indicator Title	Number of rural auction sales facilitated by the Department
Definition	Refers to the total number of auction sales facilitated by the Department to improve economic benefit of livestock farming in rural areas.
Source of data	Auction Reports
Method of Calculation / Assessment	Quantitative- simple count
Means of verification	Auction Report and Attendance Registers
Assumptions	It is assumed that the Department will be able to organise successful auctions, attended by livestock farmers who will derive economic benefit.
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	Districts-PoE to include location information.
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance
Indicator Responsibility	Chief Director: Vet Services



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• Indicator Title	Approved Goat Production Improvement Strategy
• Definition	Refers to the Goat Production that Veterinary services committed to finalise in improve livestock industry in KZN.
• Source of data	Approved Strategy document
• Method of Calculation / Assessment	Quantitative-Simple count
• Means of verification	Approved Strategy document
• Assumptions	The Department will have sufficient resources to prepare and approve the Goad Production Improvement Strategy.
• Disaggregation of Beneficiaries (where applicable)	N/A
• Spatial Transformation (where applicable)	N/A
• Calculation Type	Non-Cumulative
• Reporting Cycle	Quarterly
• Desired performance	Higher performance
• Indicator Responsibility	Chief Director: VET Services

Indicator Title	Number of laboratory tests performed according to prescribed standards
Definition	Tests refer to any laboratory analysis performed on samples for diagnostic purposes. Tests will be counted only if the method was accredited according to ISO 17025 standard and / or DALRRD approval systems.
Source of data	Test reports
Method of Calculation / Assessment	Simple count
Means of verification	Tests will be carried out as per methods accredited by SANAS and/or approved through a DALRRD approval system. Signed Lab test reports reflecting the number of tests performed
Assumptions	All samples submitted are suitable for testing Samples are submitted for testing and resources to conduct the testing are available
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation	N/A



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(where applicable)	
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	National and / or international recognition of the disease free declaration status of the country
Indicator Responsibility	Chief Director: VET Services

Programme: Agricultural Research, Technology Development and Agricultural Institutes

Indicator Title	Number of scientific papers published in accredited journals
Definition	Scientific papers refer to peer reviewed papers published by an accredited national or international scientific journal as well as a peer reviewed book carrying an ISBN number.
Source of data	Experiments and trials that are conducted - Copy of the published paper or copy of the book cover, contents list and ISBN number in the case of a book (not a copy of the actual book).
Method of Calculation / Assessment	Simple count
Means of verification	Copy of the published paper or copy of the book cover, contents list and ISBN number in the case of a book (not a copy of the actual book).
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Annual
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Research and Development

Indicator Title	Number of research presentations made at peer review events
Definition	Research presentations refer to presentations and posters presented at scientific events nationally or internationally. To share research information with peers and scientific community.
Source of data	Presentation print outs AND Programme indicating the name of the presenter and



	event OR abstract from the proceedings
Method of Calculation / Assessment	Simple count
Means of verification	Presentation print outs AND Programme indicating the name of the presenter and event OR abstract from the proceedings
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Research and Development

Indicator Title	Number of research presentations made to disseminate information on research and technology developed to clients, peers and scientific community.
Definition	Technology transfer events refer to farmers' days, demonstration days, field days, symposiums, workshops, etc. to share research information with farmer support and development officials, farmers, industry and peers
Source of data	Presentation Print Outs or Programme Indicating the Name of the Presenter and Event
Method of Calculation / Assessment	Simple count
Means of verification	Presentation Print Outs or Programme Indicating the Name of the Presenter and Event
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)



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Reporting Cycle	Quarterly,
Desired performance	Higher performance is desirable.
Indicator Responsibility	Chief Director: Agricultural Research and Development

Indicator Title	Number of research infrastructure managed
Definition	Research infrastructure refers to research or experimental farms made available for research and technology development. Management refers to provision and maintenance of research infrastructure
Source of data	Title Deed or Expenditure Report or Maintenance report
Method of Calculation / Assessment	Simple count
Means of verification	Title Deed or Expenditure Report or Maintenance report
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation Type	Non-Cumulative
Reporting Cycle	Annual
Desired performance	Higher Performance
Indicator Responsibility	Chief Director: Agricultural Research and Development

Indicator Title	Number of research projects implemented to improve agricultural production
Definition	Research projects refer to experimental and non-experimental work undertaken to acquire knowledge and technology development that supports agricultural production. The aim is to address production constraints, challenges and opportunities (e.g. climate change, agro-value chain)
Source of data	Approved project proposal or Progress report for projects in progress
Method of Calculation / Assessment	Simple count
Means of verification	A final report for completed projects
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A



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applicable)	
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher Performance
Indicator Responsibility	Chief Director: Agricultural Research and Development

• Indicator Title	Approved plan to convert research stations into Centre of Excellence & innovation for 4th Industrial Revolution adaptation
• Definition	An approved plan to convert research stations into Centre of Excellence & Innovation
• Source of data	Approved plan
• Method of Calculation / Assessment	Quantitative
• Means of verification	Approved Plan
• Assumptions	It is assumed that the Department will have sufficient resource and time to finalise the Plan.
• Disaggregation of Beneficiaries (where applicable)	N/A
• Spatial Transformation (where applicable)	N/A
• Calculation Type	Non-Cumulative
• Reporting Cycle	Quarterly
• Desired performance	Higher performance is desirable.
• Indicator Responsibility	Chief Director: Vet Services

Programme: Agricultural Economics Services

Indicator Title	Number of beneficiaries supported with marketing advisory services
Definition	Agri-businesses refer to all forms of businesses which operates within the agricultural value chain. Marketing services refer to the development of functional marketing institutions and infrastructure, market information, compliance training, general market training and facilitation of market agreements.
Source of data	Producers (e.g. invoices) buyers (e.g. letters of intent/contracts), service providers



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	(e.g. for capacity building and accreditation agents/certifiers) (Include province specific information)
Method of Calculation / Assessment	Simple count
Means of verification	Signed letters of intent Or Invoices Or receipts Or contracts Or, Pre-audit report Or Compliance certificate (e.g. SA GAP, Global GAP, HACCP) Or Attendance Registers Or Transfer of ownership
Assumptions	Client commitment Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	Districts-PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development

Indicator Title	Number of clients supported with production economic services
Definition	Clients refer to all those who consume production economic services for informed decision making. Production economics services refer enterprise budget, financial access support, feasibility and viability studies, information dissemination, business development and partnerships with private sector
Source of data	
Method of Calculation / Assessment	Simple count
Means of verification	Client Contact Form Or, Database of client enquires Or Attendance register Or Client response form Or Enterprise budget



	Or Business plan Or Feasibility study report Or Viability studies report
Assumptions	
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	Districts-PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development

Indicator Title	Number of economic reports produced
Definition	Reports adding value to macroeconomics and statistical information with the objective of supporting strategic planning and policy decision making in the sector to implement frameworks. This may include situational analysis, pamphlets, articles, presentations, scheduled publications (e.g.e economic performance report)
Source of data	Reports in which value is added to existing sources of information
Method of Calculation / Assessment	Simple count
Means of verification	Economic reports
Assumptions	Availability of stats and other resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development

Indicator Title	Number of beneficiaries supported with agro-processing services
Definition	Beneficiaries refer to all forms of agri-businesses which operates within the agricultural value chain.



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	<p>Agro-processing initiatives include but not limited to activities such as milling, meat processing, juicing and pulping, packaging, slicing and dicing, pasteurization, and handling of agricultural produce to make it usable as food, feed, fibre, fuel or industrial raw material</p> <p>Support refer to technical and financial support and include but is not limited to product improvement, testing of products, development, enterprise and supplier development programme and feasibility studies</p>
Source of data	Producers, Services providers, Certifiers, Self-generated (e.g. client contact form)
Method of Calculation / Assessment	Simple count
Means of verification	<p>Client contact form</p> <p>Or Completion Certificate</p> <p>Or Compliance Certificate</p> <p>Or Attendance registers</p> <p>Or Laboratory reports</p> <p>Or Project closing off reports</p> <p>Or Signed delivery note</p> <p>Or Business plan</p> <p>Or Approval letter</p>
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	Districts-PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development

Sub-Programme: Structured Agricultural Education And Training *

Indicator Title	Number of students graduated from Agricultural Training Institutes.
Definition	Student graduates refer to those who have complied with the minimum requirements of Higher Education and Training qualification within the Agricultural Training institute
Source of data	List of graduates signed and dated by the Principal (name, ID number, name of the qualification, certificate number, contact details of the student and NQF level). Data will be collected from Agriculture Training Institutes.



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Method of Calculation / Assessment	Simple count
Means of verification	List of graduates signed and dated by the Principal (name, ID number, name of the qualification, certificate number, contact details of the student and NQF level). Data will be collected from Agriculture Training Institutes
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	N/A
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Annual
Desired performance	Higher Performance
Indicator Responsibility	Chief Director: Agricultural Research and Development

Indicator Title	Number of participants trained in skills development programmes in the sector
Definition	Participants include subsistence, smallholder and commercial producers, farm workers and members of communities. Skills development programmes include
Source of data	Attendance register and learner database (Name, ID no, type of training, signature of the people receiving support)
Method of Calculation / Assessment	Simple count
Means of verification	Attendance register and learner database (Name, ID no. type of training, signature of the people receiving support)
Assumptions	Availability of resource and demand for training
Disaggregation of Beneficiaries (where applicable)	Target for Women: 50%; Target for Youth: 50%; Target for People with Disabilities: 6%
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly
Desired performance	Higher Performance
Indicator Responsibility	Chief Director: Agricultural Research and Development



Indicator Title	Number of career awareness activities implemented to promote agriculture
Definition	This involves any intervention undertaken to promote agriculture as a career of choice and also promote greening, school gardens and training of agraric science educators
Source of data	Attendance registers, emails, event programmes or pamphlets
Method of Calculation / Assessment	Simple count
Means of verification	Attendance Registers
Assumptions	Availability of resources and conducive environment that promotes gathering of people
Disaggregation of Beneficiaries (where applicable)	Target for Youth: 100%
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Annual
Desired performance	Higher Performance
Indicator Responsibility	Chief Director: Agricultural Research and Development

Programme 3: Rural Development

Indicator Title	Number of Agri-Hubs business plans developed
Definition	An Agri-Hub is a value addition facility for agricultural commodities or products. It serves as an important link between producers and markets or end users of agricultural products or food. Agri-Hubs are designed to respond to area specific needs such as production intensification, commercialization and value addition of agricultural products. Agri-Hubs may also include other components that support primary and secondary production such as input distribution, advanced extension services, coordination of the planting programme & mechanization, livestock improvement, Global GAP Trainings etc
Source of data	Approved Agri-Hubs plans
Method of Calculation / Assessment	Simple count
Means of verification	Approved Agri-hubs Business Plans
Assumptions	Availability of resources
Disaggregation of	N/A



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Beneficiaries (where applicable)	
Spatial Transformation (where applicable)	N/A
Calculation Type	Non-Cumulative
Reporting Cycle	Annual
Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development

Indicator Title	Number of seed mega-nurseries established
Definition	<p>The meaning of the indicator: The indicator seeks to measure the number of Mega Nurseries built. Mega Nurseries are shade cloth structures that are used for production of vegetable seedlings. Each Mega Nursery consists of five (5) Shade houses with a dimension of 52m by 22m, a fully-fledge office block and all necessary infrastructure required for a Nursery to produce effectively (i.e. Potting shed; Germination Room; Storage Facility). These Mega Nurseries will form an integral part of the Research Stations.</p> <p>The explanation of technical terms used in the indicator: Seed Mega Nurseries will be used for production of seedlings by the youth that will be receiving training on the entire value-chain of seedling production, including fruit tree propagation and growing of sweet potato vines</p>
Source of data	The Integrated Rural Development Coordination Directorate in collaboration with Engineering Services and Crop Production Services, as the major sources of the data that pertains to the establishment of Seed Mega Nurseries.
Method of Calculation / Assessment	Simple count
Means of verification	Completion certificate of each Mega Nursery in place
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	<p>Target for Women: 25</p> <p>Target for Children: N/A</p> <p>Target for Youth: 50 per Mega Nursery (about 250 in total)</p> <p>Target for People with Disabilities: 5</p>
Spatial Transformation (where applicable)	Selected Districts-PoE to include location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Annual



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Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development

Indicator Title	Number of rural development projects supported with mentorship
Definition	Refers to the total number of rural development projects that have received mentorship from experienced mentors with the aim of integrating new entrants into commercial farming community and the associated network of providers of goods, services and information, therefore building both commercial and social relations.
Source of data	The information is collected from the Districts based on the status quo of the project and also from CASP program. Performance is measured through Time and Days allocated to each project, registers and time sheets are used including oversight assessments by REID.
Method of Calculation / Assessment	Quantitative-simple count
Means of verification	Registers, time sheets and reports submitted to REID
Assumptions	Continuation of projects and improved production and sustainable agribusiness for Women and Youth and increased jobs , income earned by Women and Youth which will change their livelihood and minimize dependency on social grants and improve food and nutrition security.
Disaggregation of Beneficiaries (where applicable)	Target for Women is 50% Target for Youth: is 50% Target for People with Disabilities 10%
Spatial Transformation (where applicable)	Districts-PoE to provide location information
Calculation Type	Cumulative (Year-End)
Reporting Cycle	Quarterly Reports
Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development

Indicator Title	Number of graduates enrolled into Unemployed Agriculture Graduates Programme
Definition	Total of graduates who are placed at any agriculture-related enterprise so as to learn practically from a host farmer/mentor/enterprise owner/manager of the everyday activities on such enterprise.
Source of data	Graduate Programme, Employment statistics
Method of Calculation /	Simple count

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Assessment	
Means of verification	List of graduates (with their particulars) enrolled into the programme
Assumptions	Availability of resources
Disaggregation of Beneficiaries (where applicable)	Target for Women is 50% Target for Youth: is 50% Target for People with Disabilities 10%
Spatial Transformation (where applicable)	N/A
Calculation Type	Cumulative (Year–end)
Reporting Cycle	Annual
Desired performance	Higher Performance
Indicator Responsibility	DDG: Rural Development