

Technical Indicator Descriptor 2018/19

Engineering Services

Objective: To provide technical and engineering support to agricultural development & support programmes

INFRASTRUCTURE:

OBJECTIVE: To provide technical and engineering support to agricultural development & support programmes

No.	Indicator title	Short Definition	Type of evidence	Purpose/ importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of agricultural infrastructures established	Agricultural structures constructed include piggeries, broiler and layer units. These are high value projects that are closely monitored by engineering services	Endorsed report with locations (Closeout report / Hand over certificate)	Constructed include piggeries, broiler and layer units	Endorsed report with locations	Simple count	None	Output	Cumulative	Quarterly	No	Higher performance is desirable	Sub-Programme Manager
	No of KM fenced	Fenced land by the department for Cropping grazing	Signed Report on the number of km's fenced	Safe guide the infrastructure constructed	Signed Report on the number of km's fenced	Simple count	None	Output	Cumulative	Quarterly	No	Higher performance	Sub-programme manager
	Number of infrastructure rehabilitated	Dip tanks rehabilitation means the refurbishment or partial work either on concrete, commonly on poles	Endorsed report with locations (Closeout report / Hand over certificate)	Renewal and maintenance of infrastructure	Endorsed report with locations	Simple count	Commencement and completion of work can overlap in two quarters or even financial years	Output	Cumulative	Quarterly	No	Higher performance is desirable	Sub-Programme Manager

LANDCARE

OBJECTIVE: To promote the sustainable use and management of natural agricultural resources

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of hectares of agricultural land rehabilitated	To promote the sustainable use and management of natural agricultural resources by engaging in community based initiatives that support sustainability (social, economic and environmental), leading to greater productivity, food security, job creation and better well-being for all.	Report signed by the Land Care Coordinator supported by third party acknowledgement letters and maps.	To minimize and reverse land degradation in order to Improve agricultural production.	Report signed by the Land Care Coordinator supported by third party acknowledgement letters and maps.	Simple count	Cumulative Climate conditions, 3rd party acknowledgement letters and permits from other Departments	Output	Cumulative	Quarterly	No	Higher performance	Sub-programme Manager
	Number of green jobs created	Creation of work opportunities through a labour intensive approach and in accordance with Extended Public Works Programme (EPWP) Guidelines and Code of Good Practice	Registers, time sheets, monthly reports	To ensure Land Care contributes to EPWP and the green economy initiatives.	Registers OR Monthly Reports OR EPWP System	Simple count	None	Outcome	Cumulative	Quarterly	No	Higher performance is desirable (More people employed)	Sub-programme manager
	Number of agro ecosystem management plans developed	Spatial agricultural plans at a municipal scale, developed in a participatory manner with key stakeholders, to ensure the preservation of agricultural land and to guide the development of the agricultural sector.	Agro-ecosystem management plans per Local Municipality (Signed and dated	To minimize the loss / fragmentation of agricultural land as well as to maintain and improve the agro-ecosystems.	Agro-ecosystem management plans per local municipality (signed and dated)	Simple count	Scale of available data	Input	cumulative	Annually	New	Higher performance	Sub-programme manager
	Number of hectares protected to improve agricultural production	Access and evaluate applications on land use change	Applications and assessment report	To retain land for agriculture use	Applications from clients and signed assessment reports	Simple count	None	Output	Cumulative	Quarterly	No	Higher performance	Sub-programme manager

LAND USE MANAGEMENT

OBJECTIVE: To promote the implementation of sustainable use and management of natural agricultural resources through regulated land use (Act 43 of 1983, Act 70 of 1970, and related legislation)

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of farm management plans developed	Farm management plans, including farm maps, developed in terms of CARA to ensure compliance to sustainable land use and management principles.	Farm management plans (signed and dated)	To ensure the sustainable use and management of agricultural land at farm level.	Farm management plans (Signed and dated)	Cumulative	None	Input	Simple count	Quarterly	New	Higher performance	Sub-Programme Manager

DISASTER RISK MANAGEMENT

Objective: To provide support services to clients with regards to agricultural disaster risk management

No.	Indicator title	Short Definition	Type of evidence	Purpose/ importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of disaster risk reduction services managed	Management of the relief schemes by providing technical advisory, agricultural production inputs and infrastructure support to disaster affected/stricken clients/farmers.	<i>Signed off and dated reports including list of beneficiaries</i>	To provide agricultural disaster risk management support services to clients / farmers.	<i>Signed off and dated reports including list of beneficiaries</i>	Simple count	Relevance of data (Time lapse between occurrence of incident(s) and availability of funds)	output	Non-cumulative	Annually	yes	The aim is to ensure that the set target is met.	Sub-programme manager
	Number of disaster relief schemes managed	Manage and coordinate funded disaster relief schemes	Expenditure Reports and List of Beneficiaries	To provide relief and recovery to affected farmers	Expenditure Reports and List of Beneficiaries	Simple count	Relevance of data (Time lapse between occurrence of incident(s) and availability of funds)	Output	Non-Cumulative	Annually	No	The aim is to ensure that the set target is met.	Sub-programme manager

Farmer Support and Development

OBJECTIVE: To technical support, extension, specialist and mentorship to households and farmers

No.	Indicator title	Short Definition	Type of evidence	Purpose/ importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of smallholder producers supported	Assistance provided to farmers through infrastructure and production inputs. (Production inputs include mechanization, crop and livestock production inputs). Definition of a smallholder farmer (Refer to Outcome 7).	Approval <i>AND</i> / <i>OR</i> completion report on file (Digital pen report Ad Hoc visit and Project visit)	To develop and support smallholder farmers and increase sustainable production	Approval <i>AND</i> / <i>OR</i> completion report on file	Simple count (System counting on digital system)	None	output	Cumulative	Quarterly	No	Higher performance is desirable (Potential for increased production)	Sub-Programme manager
	Number of commercial farmers supported	Assistance provided to farmers through infrastructure and production inputs. (Production inputs include mechanization, crop and livestock production inputs).	Approval <i>AND</i> / <i>OR</i> completion report on file (Digital pen report Ad Hoc visit and Project visit)	support farmers and increase sustainable production	Approval <i>AND</i> / <i>OR</i> completion report on file	Simple count (System counting on digital system)	none	output	cumulative	Quarterly	New	Higher performance is desirable (Potential for increased production)	Sub-programme manager

EXTENSION AND ADVISORY SERVICES

OBJECTIVE: To technical support, extension, specialist and mentorship to households and farmers

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of smallholder producers supported with agricultural advice.	Specific technical agricultural information provided to a producers (site visits) or group of producers (farmer days, information days, demonstrations).	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)	To practically educate farmers on sustainable agricultural production methods.	Demonstration reports, photos, attendance register.	Simple count (System counting on digital system)	none	Output	Cumulative	Quarterly	No	High performance is desired	Sub-programme manger
	Number of hectares under irrigation used by smallholder farmers	Number of hectares under irrigation used by smallholder farmers. Irrigation may also come from or with farmers, the Department can support with inputs (inverse is also true)	Register that shows the irrigation, list of project participants – signed and dated	supplying dry land with water for smallholder farmers to farm effectively and productively	Reports reflecting hectares	Simple count	None	Output	Cumulative	Quarterly	No	Higher performance	Sub-programme manager
	Number of jobs created.	Jobs created through implemented infrastructure projects as well as jobs created through agricultural projects	Time-sheets, on those employed on a temporary basis (a standardized template needs to be developed as they do not have time-sheets)	To reach as many farmers as possible and increase the farmers' knowledge and capacity	A list of all farmers consulted	Simple count	None	output	Cumulative	Quarterly	No	Higher performance is desirable	Sub-programme manager

FOOD SECURITY

OBJECTIVE: To technical support, extension, specialist and mentorship to households and farmers

No.	Indicator title	Short Definition	Type of evidence	Purpose/ importance	Source/ collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of households benefiting from agricultural food security initiatives	Number of profiled food insecure households benefitting from different food security interventions.	Household Profiles and assessment report and List of beneficiaries (Digital pen report Ad Hoc visit and Project visit)	To promote the fight against food insecurities amongst identified and verified beneficiaries.	Household Profiles and assessment report and List of beneficiaries	Simple count (System counting on digital system)	Inaccurate profiling data	output	cumulative	Quarterly	No	Higher performance is desired	Sub-programme manager
	Number of hectares planted for food production	Direct translation	Hectares measured and worked report (Digital pen report Ad Hoc visit and Project visit)	To promote and sustain land production	Districts	Cumulative (System counting on digital system)	Must be physically measured	Number	addition	quarterly	New	Meet or exceed target	ADS

PROGRAMME 2.3: VETERINARY SERVICES

OBJECTIVE: The PREVENTION/CONTROL OR ERADICATION OF ANIMAL DISEASE

Strategic Objective indicator

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of visits to epidemiological units for veterinary interventions.	Visits refer to visit by veterinary official or veterinary practitioner on behalf of the state. Epidemiological units include residential areas, villages, conservation areas, dip tanks, crush pens, farms, compartments, dams and establishments. Veterinary interventions include advice, training, awareness, inspections, surveillance (epidemiology), detection, investigation, control, eradication, prevention, bio-security, primary animal health, animal welfare and effective animal census. Clients are defined as any person who uses the services of a veterinarian or para-veterinary professional		Improve animal production and health to contribute to rural development, public health, food security, animal production, economic development and export facilitation.	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.	Simple count	None	Output	Simple count	Quarterly	New	Higher Performance	Sub-programme manager

EXPORT CONTROL

OBJECTIVE: The PREVENTION/CONTROL OR ERADICATION OF ANIMAL DISEASE

No.	Indicator title	Short Definition	Type of evidence	Purpose/importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	No of export control certificates issued	Certificates include internal movement certificate, export certificate.		To enable access to export markets thereby stimulating economic growth and rural development.	Internal (local) movement certificate for exports, vet exports certificates	Simple count	None	Output	Cumulative	Quarterly		Higher performance	Sub- programme manager

VETERINARY PUBLIC HEALTH

OBJECTIVE: The PREVENTION/CONTROL OR ERADICATION OF ANIMAL DISEASE

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Average percentage of compliance of all operating abattoirs in the Province to the meet safety legislation	All abattoirs must be compliant to the Meat Safety Act, 2000 (Act No. 40 of 2000 (Refer to page 38 of the transversals for more details)	Hygiene Assessment System audit reports and completed meat safety checklists	To measure the level of compliance to the Meat Safety Act by all operating abattoirs to promote meat safety and the safety of animal products	Hygiene Assessment System audit reports and completed meat safety checklists	Refer to page 38 of the transversal indicators for the method of calculation	none	Outcome	Non-cumulative	Annually	No	Higher performance	Sub-programme manager

VETERINARY LAB SERVICES

OBJECTIVE: The PREVENTION/CONTROL OR ERADICATION OF ANIMAL DISEASE

No.	Indicator title	Short Definition	Type of evidence	Purpose/ importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of tests performed according to prescribed standard	The total number of tests performed over a specified period, including the tests for Controlled, Notifiable and non-controlled diseases. Take note that there may be more than one test performed on a specimen.	Sample registration book, section registration book, test report and LIMS (where applicable)	Indicates the total number of tests that were performed on all submitted specimens, which is necessary to determine the amount of reagents required and number of staff required to perform the tests	Test results	Counting the number of tests done on all the specimens that were tested	The laboratory has no control over the number of tests requested on specimens that will be submitted since this is entirely dependent on the need of outside clients and in return depends on the disease situations in the country as well as financial constraints . (refer to transversals)	Input(no of submissions) and output(no of specimens submitted that was tested)	Cumulative	Quarterly	no	All tests requested on suitable samples should be performed	DD Laboratory and Epidemiology

Programme 2.4: Research & Technology Development Services

OBJECTIVE: To render expert and needs based research, development and technology transfer services impacting on development objectives.

Strategic Objective indicator

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of research infrastructure managed	Number of research infrastructure managed to enhance the implementation of research projects. Research infrastructure refers to research farms and facilities.	Expenditure Report OR Farm Registers OR Facility Register OR Maintenance Plans	To maintain functional infrastructure (research farms and facilities) in order to enhance research activities	Expenditure Report OR Farm Registers OR Facility Register OR Maintenance Plans	Simple count	none	input	Non-cumulative	Annually	No	As targeted	Sub-programme manager

Technology Transfer

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of scientific papers published	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.	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).	To contribute to knowledge and information, and to benchmark research nationally and internationally.	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).	Simple count	Timeframe from submission to publication is outside the control of the department which negatively impacts on the ability to plan and target accurately	Output	Non-Cumulative	Annually	No	Higher performance	Sub-Programme manager
	Number of research presentations made at peer reviewed events.	Research presentations refer to presentations and posters presented at scientific events nationally or internationally.	Presentation print outs AND Programme indicating the name of the presenter and event OR abstract from the proceedings	To share research information with peers and scientific community.	Presentation print outs AND Programme indicating the name of the presenter and event OR abstract from the proceedings	Simple Count	Cancellation of events Paper or presentation not accepted	Output	Cumulative	Quarterly	No	Higher performance	Sub-Programme Manager
	Number of research presentations made at technology transfer events.	Technology transfer events refer to farmers' days, demonstration days, field days, symposiums, workshops, etc.	Presentation Print Outs or Programme Indicating the Name of the Presenter and Event	To share research information with farmer support and development officials, farmers, industry and peers,	Presentation Print Outs or Programme Indicating the Name of the Presenter and Event	Simple Count	Cancellation of events	Output	Cumulative	Quarterly	Yes	Higher performance	Sub-Programme Manager
	Number of research projects implemented to improve agricultural production.	Research projects refer to experimental and non-experimental work undertaken to acquire knowledge and technology development that supports agricultural production.		To address production constraints, challenges and opportunities (e.g. climate change, agro-value chain)	Approved project proposal OR: A progress report for projects in progress OR A final report for completed projects	Simple count	Research is needs driven Multi-year nature of research Natural disasters	Output	Non-cumulative	Annually	No	Higher performance	Sub-programme manager

AGRICULTURAL ECONOMICS SERVICES

OBJECTIVE: To provide timely and relevant agricultural economic services to ensure equitable participation in the economy.

Agribusiness support and development

Strategic objective indicator

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of agri-businesses supported with marketing services	Agri-businesses refer to agro-processing projects, farm businesses and cooperatives. Agricultural economic services refer to the development of functional marketing institutions and infrastructure, Global-Gap training, general market training and facilitation of market agreements.	Dated Invoices OR Contract OR Affidavit OR Global Gap OR Letter of Intent	To provide marketing services to agri-businesses	Dated Invoices OR Contract OR Affidavit OR Global Gap OR Letter of Intent OR receipts	Simple count	Confidentiality of information	Input	Cumulative	Quarterly	Significantly changed	Higher performance is desired	Sub-Programme Manager
	Number of agri-businesses supported with production economic services	Clients refer to farmers, agribusinesses and other stakeholders and interested parties. Agricultural economic advice includes but not limited to market information and financial support. Advice also includes transfer of information to inform farmer decisions.	Client Contact Form OR Register (Farmers Day) OR Database of Client Enquiries OR Trip Itinerary OR Attendance register OR Market Information	To provide production economics services to agri-businesses	Client Contact Form OR Database of Client Enquiries OR Attendance register OR Client response form, Enterprise budgets, Business plan, Feasibility study report	Simple count	One client may be advised on several issues within the financial year	Input	Cumulative	Quarterly	No	Higher performance is desired	Sub-programme manager

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of economic reports compiled	Reports adding value to existing macroeconomic 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. economic performance report).	Reports	To provide economic and statistical information on the performance of the agricultural sector in order to inform planning and decision making.	Reports	Simple count	Availability and reliability of data	Input	Cumulative	Quarterly	No	Higher performance is desired	Sub-programme manager
	Number of agro processing initiatives supported	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 Support refer to technical support and include but is not limited to product improvement, testing of products, compliance support (e.g. HACCP, FSSC), infrastructure development, enterprise and supplier development programme and feasibility studies	Completion certificates or compliance certificate or client contact form or attendance register	To enable enterprise to add value to their products	Completion certificates or compliance certificate or client contact form or attendance register	Simple count	None	Output	Cumulative	Quarterly	New	Higher Performance	Sub-programme manager

PROGRAMME 2.5: STRUCTURED AGRICULTURAL TRAINING

OBJECTIVE: To facilitate and provide structured agricultural education and training in line with the Agricultural and Education strategy to all participants in the agricultural sector in order to establish a knowledgeable, prosperous and competitive sector

Strategic objective indicator

Indicators

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Number of students graduated from Agriculture Training Institute	Student graduates refer to those who have complied with the minimum requirements of Higher Education and Training qualification within the Agricultural Training Institute.	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 Agricultural Training Institutes.	To contribute towards skills development in the Agriculture, Forestry and Fisheries sector	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 Agricultural Training Institutes	Simple count	None	Output	Non - cumulative	Annually	Significantly changed	Higher performance	Sub-programme manager
	Number of participants trained in skills development programmes in the sector.	Participants include subsistence, smallholder and commercial producers, farm workers and members of communities. Skills development programmes include mentorship and partnerships, Learnerships, Recognition of Prior Learning (RPL), non-credit bearing and credit bearing training in agriculture, forestry and fisheries. Participants should have at least attended 60% of the required period.	Attendance register and learner database	To contribute towards skills development in the agriculture, forestry and fisheries sector	Attendance register and learner database	Simple count	none	Output	Cumulative	Quarterly	Significantly changed	Higher performance	Sub-Programme Manager
	Number of interventions in school programs	Interventions and support to schools in a form of training to agric and science educators	Trainings and support received by schools	To promote agriculture of choice also to promote greening , school gardens and training of agaric science educators	No of school supported	Simple count	none	Output	Cumulative		Significantly changed	Higher performance	Sub – Programme Manager

Programme 3: Rural Development

Strategic Objective: Improved rural services to support rural livelihoods

Strategic objective indicators

No.	Indicator title	Short Definition	Type of evidence	Purpose /importance	Source collection of data	Method of calculation	Data limitation	Type of indicator	Calculation type	Reporting cycle	New indicator	Desired performance	Indicator Responsibility
	Rural Development. Strategy approved by MEC	Develop and approved policy governing Rural development operations	Approved Provincial Policy on Rural Development	Regulatory purpose	Policy	Simple count	none	Output	cumulative	annual	yes	higher	CD: Rural development
	Develop a KZN programme of action aligned to Outcome 7.	Report detailing outcome 7 achievements in the province quarterly	Approved annual KZN Programme of Action for Rural Development	For contribution as well as alignment with National Rural Development Priorities	National PoA as well as all departmental and private sector rural development targets / plans	Simple count	none	Output	Non-cumulative	Annual	No	All three spheres of government and private sector contribution	CD: Rural Development Coordination / DARD MEC / HOD
	Outcome 7 performance reports for the Province.	Reporting, monitoring and evaluation of rural development interventions	Quarterly Reports	For coordinated rural development	Quarterly Reports	Simple count	None	Output	Cumulative	Quarterly	Yes	High performance	DARD: IRD
	Number of structures coordinated in line with the CRDP's	An approved database of structures responding to CRDP	CRDP Database	To make sure that government departments respond to Rural Development programmes	Consolidated database	Simple count	None	Output	Cumulative	Quarterly	No	Higher performance	Sub programme manager
	Approved Investment an Partnership Policy for the Department	An approved policy signed by the HOD	Approved policy	To provide clear criteria and procedures that guides partnership, brokering and management	Approved policy	simple	None	Output	Cumulative	Annually	New	Higher performance	Sub programme manager
	Number of social organizations representing rural community enterprise interest supported to develop	Sustainability of rural formation and rural enterprises	Minutes, attendance registers and plans	To sustain rural formations and enterprises		Simple	None	Output	Cumulative	Quarterly	modified	Higher performance	Sub programme manager
	Number of projects mentored	Projects provided with support	Attendance register, plan, photos, report	Knowledge and skills transfer	Reports and contracts with support	Simple count	None	Output	Cumulative	Quarterly	No	Higher performance is desired	Sub-programme manager

NB: All the transversal indicators are taken as they are in the transversal TID'S (2018/19) from DAFF