



**REPUBLIC OF RWANDA
SOUTHERN PROVINCE
NYARUGURU DISTRICT**

***AGRICULTURE STATUS IN NYARUGURU
DISTRICT***

JANUARY 2017

INTRODUCTION

- Nyaruguru one of 30 Rwandan districts located in Southern province Republic of Rwanda;
- The population of the District is 294,334 with 155,055 women and 139,279 men included in 63,613 households with 291 inhabitants/km² ;
- Nyaruguru District as well as other Districts is implementing National Programs and Strategies to accelerate the socio-economic development (SDG, Vision 2020, EDPRS II, District Development Plans (DDPs) and Sector Development Plans (SDPs);
- Agriculture is shown as the main activity with 81% of the population aged 16 years (NISR 2012);
- An increase of agricultural productivity and production will be ensured through ensuring access to mineral fertilizers and lime in particular, promoting land use consolidation, usage of modern farm techniques and soil erosion protection;

INTRODUCTION (District background)

- In the line of the national policy of not concentrating Kigali city by creating more cities all around the country, Nyaruguru is developing kibeho as capital and religious city according to the well known its historical back ground;
- Nyaruguru District as well as other Districts is implement ting National Programs and Strategies to accelerate the socio-economic development agenda and priorities as highlighted in the National as well as International strategy and policy documents such as the SDGs, Vision 2020, EDPRS, District Development Plans (DDPs) and Sector Development Plans (SDPs);
- The overall employment rate is 85% of resident population aged 16 years and above in Nyaruguru district while economic inactivity rate is 15%. While the national average employment rate is 84%, unemployment rate is 0.9% and economic inactivity rate is 15%. However, most of people aged 16 years and above in Nyaruguru are independent farmers with 72%, followed by wage non-farm with 11% and wage farm with 9%. Only 6% are independent non – farmers;
- Agriculture is shown as the main activity with 81% of the population aged 16 years and above, followed by Trade (6%) while other industries (mining and quarrying, manufacturing, construction, transport, etc.) are less represented.

AGRICULTURE BACKGROUND IN NYARUGURU

- Agriculture is the backbone of Nyaruguru economy and the majority of households are currently engaged in some sort of crop or livestock production activity.
- In recent years, the Nyaruguru District has implemented several ambitious programs such as land use consolidation, *Nkunganire* program, Girinka program, to increase the productivity of the agriculture;
- Cultivable land of Nyaruguru district is subdivided into two zones:
- Zone 1 involves 5 Sectors around Nyungwe National Park (Busanze, Nyabimata, Kivu, Ruramba, Ruheru);
- Zone 2 involves other 9 sectors (Kibeho, Rusenge, Ngoma, Ngera, Cyahinda, Nyagisozi, Munini, Muganza, Mata);
- The microclimate and soil characteristics are different from those two zones, reason why crops grown there are different;
- The productivity and main crops grown are summarized in the following table and pictures;

Number of cow distributed in GIRINKA program

Sector	Number of cow distributed
BUSANZE	669
CYAHINDA	782
KIBEHO	746
KIVU	797
MATA	626
MUGANZA	698
MUNINI	527
NGERA	606
NGOMA	835
NYABIMATA	555
NYAGISOZI	936
RUHERU	653
RURAMBA	739
RUSENGE	998
IGITERANYO	10,167

SURFACE OF CROPS GROWN AND THEIR RELATED PRODUCTIVITY

Crops	Surface (ha)	Productivity (kg/ha)	Zone
Beans	30,845	1,780 kg	both
Irish potato	7,621	24,290kg	both
Maize	6,207	3,260kg	both
Wheat	6,718	3,460kg	zone 1
Tea	5,142	3,629 t /year	zone 1
Coffee	1,967 ha (3,582,272 trees)	3.5kg/tree	Zone 2
Sweet potato	3,934	27,000kg/ha	both
Banana	2,500	20 kg/tree	Zone 2
Vegetables	120	depends on species	both
TOTAL	65,054 (all seasons)		

Animal productivity

Items	Unit	Productivity (average)
Milk	Liter/day	30,192
Eggs	Number/month	30,467
Meat	t/month	28
Skins	t/month	0,875
Honey	t/year	46

AGRICULTURAL INFRASTRUCTURES

Type of infrastructure	Access
Factories	3 tea factories (Mata, Nshili-Kivu and Muganza-Kivu) One will be constructed soon.
MCC (Milk Collection Centers)	2 (Kibeho and Ngoma)
Micro processing units	Maize processing unit in Rusenge, Cyahinda and Kibeho (under construction)
CWS	7 (Nyakizu A & B, Cyahinda, Ngera, Akanyaru, Rushubi and Nyampinga CWS.
Radical terraces developed	4617.04 ha
Marshland development	203 ha (Urwonjya 49 ha, Rwoganyoni 40 ha, Akagera , Agatorove 75, Mazatukura 12 ha, Uwarurimbi 11 ha)
Store houses and drying ground	5 store houses (Mata, Ngoma, Muganza, Ruheru, Munini and Kibeho) and 9 wheat and maize drying grounds (Ngoma, Nyagisozi, Ruheru,
Agricultural community Center	Under construction in Kibeho Sector (KOICA Fund)

Agricultural potentialities

- Forest coverage area 33,387 ha (imbaho....);
- Large Mine (Busanze, Munini, Nyabimata, Ruheru and Nyabimata) with casseterite, wolfram, columbite and tantalite;
- Available land for tea and coffee production;
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Challenges in Agriculture

Challenges	Strategies
✓ Soil erosion on hillside	✓ Protect soil against erosion (terraces, Ditches, agro-forestry trees)
✓ Agriculture based on the rain season	✓ Improve marshlands for modern agriculture ✓ Improve hillside irrigation
✓ Acidic soil with low productivity	✓ Sensitize and provide technical support to farmers in agricultural and breeding techniques, facilitate farmer to obtain agricultural lime
✓ Low levels of animal productivity	✓ Improve animal domestication conditions
✓ Low capacity of famers in new technologies	✓ Sensitize farmer & cooperatives to use modern farming techniques

Challenges in Agriculture (current situation)

- Little rainfall in season 2017 A (from September 2016 to January 2017)
- Unexpected early dry season (from November until now;



- Decrease of agricultural productivity by 30 %
- Increase of agricultural commodity price by \pm 20% at local market

Copping strategies in short and long term

- Management and exploitation of marshland (550 Ha);
- Small scale irrigation (in managed marshland);
- Planting vegetables and fruits (productivity, tons , ha , technologies, market, conservation and packaging....);
- Some area reserved for non selected crops (4,138 ha of sweet potatoes);
- Maximize the season A & B (fertilizers & lime)
- Early planting, especially in season B not later than February;
- Public works that give our people different jobs and money (7,000 people);
- VUP (DS 4,385, FS 500 projects, Girinka (1,300), Distribution of Small stock to poor families (11,601), Distribution of agricultural Lime (5224 T), Long term project: Tea plantation extension, Feeder roads,...
- Farmer capacity building : Training, agriculture extension,....;
- Promotion of irish potato seed production;

Need advocacy and way forward

- Marshland development ±550 ha (Agatorove, Migina, Umumusizi, Giswi, Rutabo, Akagera, Ubuyumbu, Kizikoga, Nyiramurongi, Mudasomwa, Urubaya,.....);
- Promotion of irrigation infrastructures (both hillside and marshlands);
- Promotion of Irish potato seed production in Nyaruguru;
- Reconversion and extension of forests;
- Feeder road development;
- Promotion of long term storage and post harvest processing;
- Operationalization of Milk Collection Center (Kibeho and Ngoma);
- Construction of Honey Processing Unit;
- Organization and operationalization of forest product selling points;
- Pig breeding and marketing;

**THANKS FOR
YOUR
ATTENTION!**