

## I. TRAINING OF FARMERS:

- PRiDe Project targets to train at least 40,000 farmers in rice cultivation by October 2016.

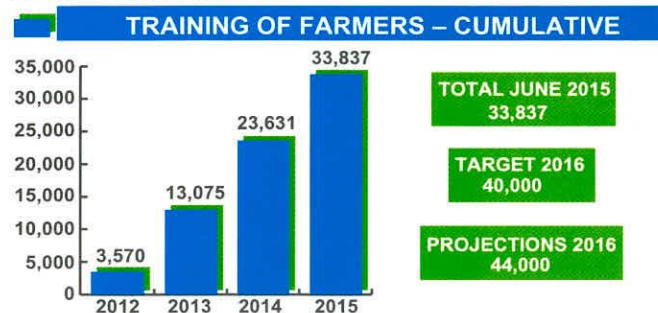
We believe this movement of farmers, equipped with the knowledge and insights into land preparation for rice cultivation, recommended rice cultivation techniques, recommended water management techniques for rice cultivation and rice postharvest handling will be at the forefront of the rice revolution in Uganda.

Farmers attending Rice Cultivation Training in Agago district



### Achievement:

The strides taken by PRiDe Project's extension services teams in reaching farmers in 58 districts, up from the initial target of 45 districts, has seen the project surpass its mid-term targets.



## II. TRAINING OF TRAINERS:

PRiDe Project initial target was to train at least 400 Agricultural officers and Agricultural Extension Officers as Trainers (TOTs), reskilling them to conduct Rice Cultivation training for farmers.

### Achievement:

By June 2015, the Project had exceeded this target, training 428 TOTs.

## WHAT WE DO – OUTPUT III

**IMPROVE THE QUALITY OF RICE ON THE MARKET**

To improve the quality of rice on the market, PRiDe

project has focused on partnership with rice millers because unlike other crops, rice needs to be milled before consumption.

### Achievement:

PRiDe project has supported the establishment of Uganda Rice Millers Association (URMA).

## PARTNERSHIPS

**UNITED NATIONS HIGH COMMISSION FOR REFUGEES – UNHCR**

PRiDe project is supporting UNHCR's efforts to strengthen relations between refugees and their host communities by equipping them with rice cultivation skills.

### Achievement:

As of June 2015, a total of 969 refugees and farmers from their host communities had been trained.

### MISS UGANDA FOUNDATION

In 2015, PRiDe Project embarked on a partnership with Miss Uganda Foundation to promote NERICA rice among young people as part of the Foundation's efforts to encourage agriculture entrepreneurship.

### REGIONAL RICE RESEARCH AND TRAINING CENTER

The Regional Rice Research and Training Center has increasingly become a core center of reskilling agricultural experts, researchers and farmers in Africa.

NERICA cultivation trainings have been conducted for teams from Ethiopia, Sudan, Egypt, Ghana, Nigeria, Tanzania and Kenya among others at the center.

### JAPAN OVERSEAS COOPERATION VOLUNTEERS

The Regional Rice Research and Training Center has developed a tradition of providing rice cultivation training for JICA Volunteers and their counterparts from Uganda and other African countries, equipping them with skills to impact the communities they serve.

### PLANS UNTIL OCTOBER 2016

- The technical guide on water management and field development for rice cultivation is being prepared through on-station trials and research.
- Gradual handover of training of farmers in rice cultivation to Ugandan authorities has already begun.
- A well planned seed production and management system has been initiated in NARO.

## PRiDe PROJECT

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# PRiDe Project

PROMOTION OF RICE DEVELOPMENT

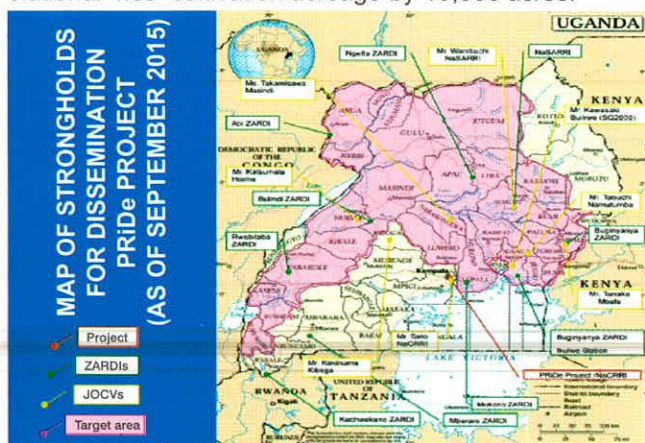


Agriculture is crucial for Uganda's economic development. The 2014 national statistics indicate that the sector employs 72% of the labour force, contributes 22.4% of GDP and at 58.7%, more than half of exports.

The strategy strives to increase rice production from 165,000 tons in 2008 to 499,000 tons in 2018. At that time, national rice consumption was 225,000 tons. This cost the country USD30 million for importing the deficit of 60,000 tons.

## WHO WE ARE

The five-year project, 2011 to 2016, set off to increase national rice production by 20,000 tons. But by June 2015, this target had been surpassed, PRiDe Project had increased national rice production by 32,000 tons and national rice cultivation acreage by 10,300 acres.

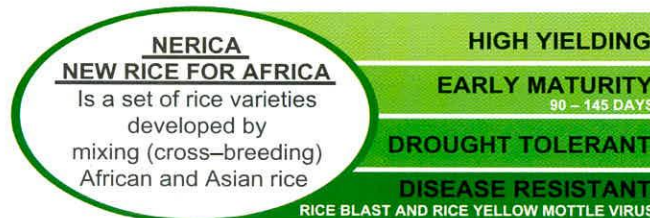


## STRENGTHEN THE RESEARCH AND DEVELOPMENT CAPACITIES OF RICE-RELATED INSTITUTES

PRiDe project is achieving this through:

- Research to select and purify rice varieties suitable for irrigated, rain-fed upland and rain-fed lowland, the three rice agro-ecological zones in Uganda.

Three upland and two lowland NERICA varieties selected for promotion by the project are now being grown by farmers across the country.



| NERICA1                                                                            | NERICA4                                                                             | NERICA10                                                                            |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| <b>MATURITY</b>                                                                    | <b>MATURITY</b>                                                                     | <b>MATURITY</b>                                                                     |
| 105 - 115 DAYS                                                                     | 110 - 120 DAYS                                                                      | 100 - 105 DAYS                                                                      |
| <b>YIELDS</b>                                                                      | <b>YIELDS</b>                                                                       | <b>YIELDS</b>                                                                       |
| 3 - 5 tons/hectare                                                                 | 4 - 5 tons/hectare                                                                  | 3 - 4 tons/hectare                                                                  |

- PRiDe Project targets to produce 10 tons of quality rice seeds annually.

The benefits of improved crop varieties can only fully be achieved when sufficient pure seeds have been produced and distributed among farmers.

To achieve this, PRiDe project is providing oversight for the production of rice seeds in five agricultural research institutes in Uganda, further building the capacity of the country's agricultural scientists in rice research.

As of June 2015, the project had produced a total of 38.2 tons of quality rice seeds.

| ANNUAL RICE SEED PRODUCTION |           |           |           |
|-----------------------------|-----------|-----------|-----------|
| 2012                        | 2013      | 2014      | TOTAL     |
| 8.1 TONS                    | 10.7 TONS | 19.4 TONS | 38.2 TONS |

**RESEARCH INSTITUTES PRODUCING RICE SEEDS**

NaCRRI - NaSAARI  
 ABI ZARDI - BULINDI ZARDI - NGETTA ZARDI

**Rice seed production  
at  
NaCRRI,  
Namulonge,  
Wakiso**



Unlike other crops, rice is self-pollinating. Farmers can therefore produce pure rice seeds. The genetic purity of seeds can be maintained by removing off-types (other varieties) detected when rice is growing in the field.

|            | PRiDe                                                                                            | SEASON 1                                                                                          | SEASON 2                                                                                          | SEASON 3                                                                                          |
|------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| FARMER A   | RECEIVES<br> | HARVESTS<br>  | HARVESTS<br>  |                                                                                                   |
| NEIGHBOURS |                                                                                                  | RECEIVES<br> | HARVESTS<br> | HARVESTS<br> |
|            |                                                                                                  | RECEIVES<br> | HARVESTS<br> | HARVESTS<br> |

## STRENGTHEN THE CAPACITY OF RICE-RELATED EXTENSION SERVICE PROVIDERS

Extension services is critical for translating agricultural research into outcomes that fight poverty and promote resilience in communities through improving household income and food security.