



Poultry Breeding; Towards registration of Indigenous Poultry breeds.

Design and Implementation of Long term breeding program for IC and KC breeding lines for enhanced meat and egg production in Kenya.

PI; Evans Ilatsia (Dr.sc.agr.)

KALRO-Naivasha.

Project Team Members

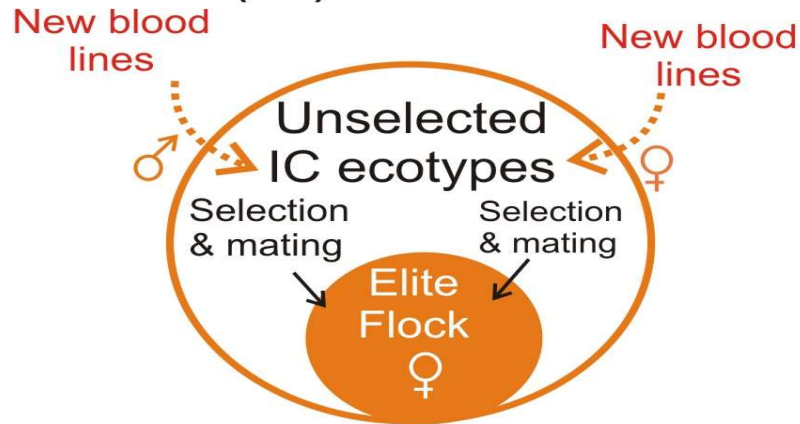
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Output 1

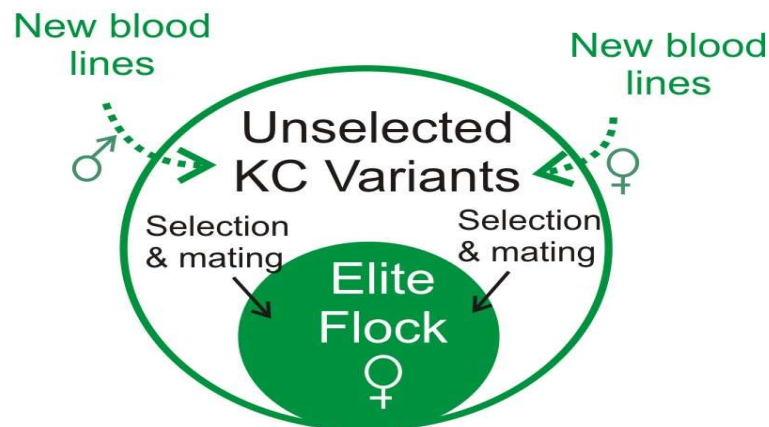
**Two sustainable long-term nucleus
breeding program for IC and KC breed
lines for increased egg and meat
production**

Output 1...

Indigenous chicken (IC) Nucleus

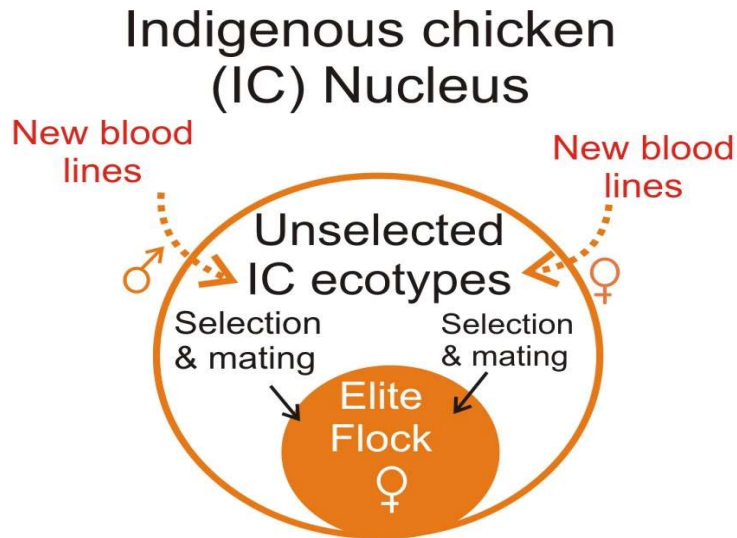


KARI Improved Chicken (KC) Nucleus

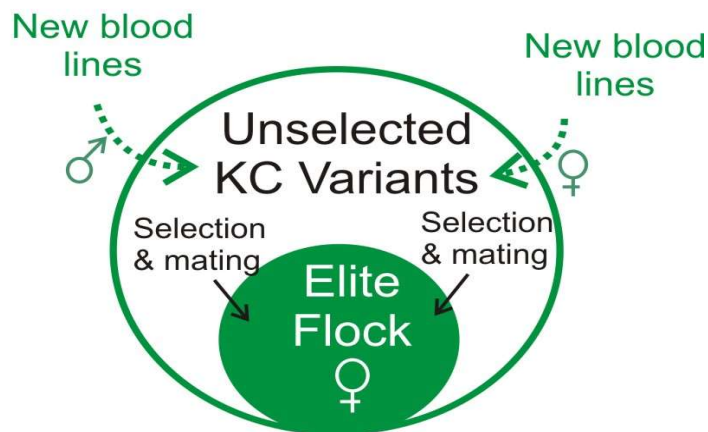


- **Establishment of a comprehensive performance and pedigree recording**
- **Identification of objective traits & selection criteria**
- **Design and implementation of database management system**
- **Design of a detailed mating schemes**

Output 1...



KARI Improved Chicken (KC) Nucleus

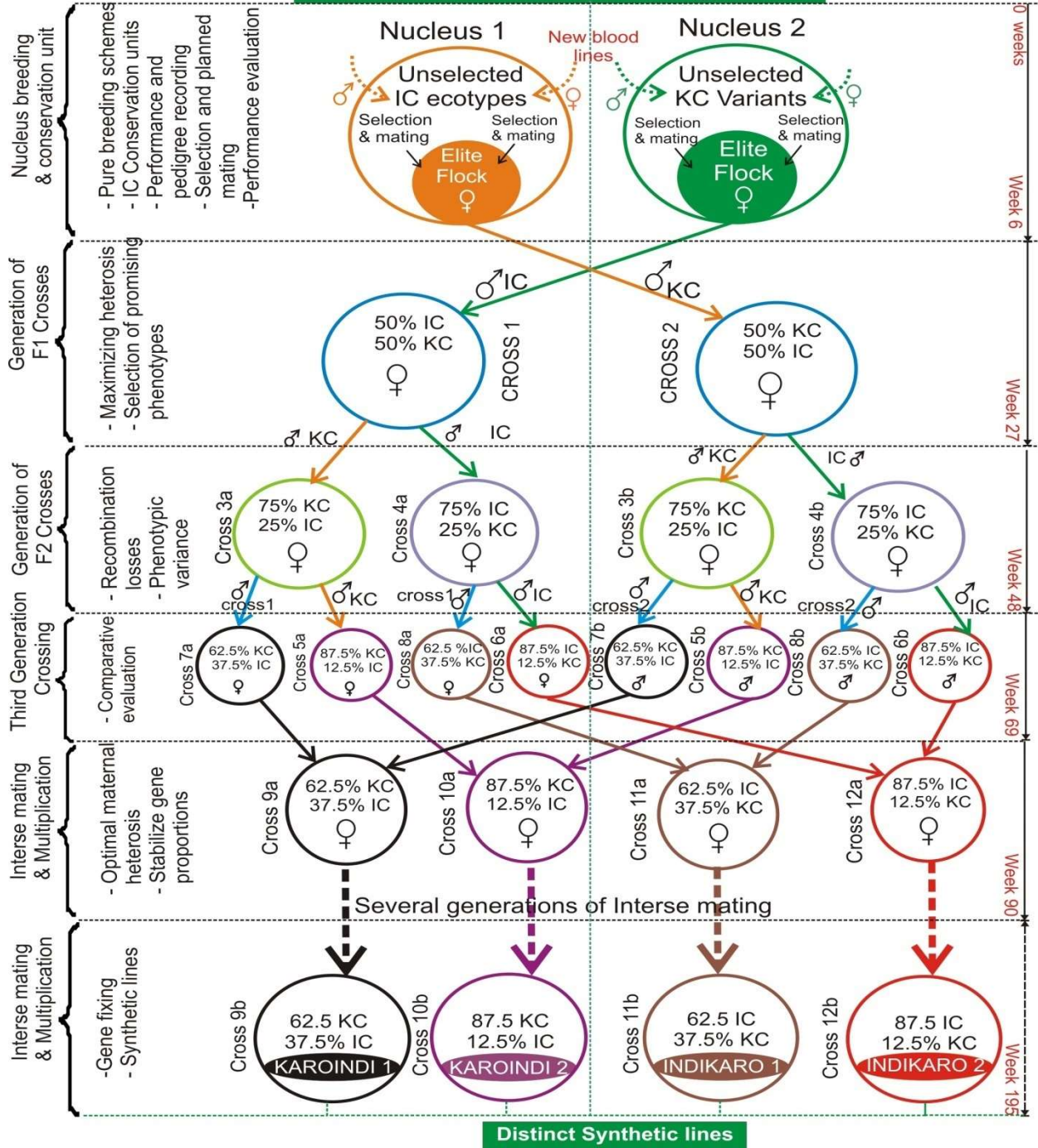


- **Continuous introduction of new blood line ... diversify genetic base**
- **Comprehensive performance evaluation to support selection decisions**
- **Continuous collection of economic and husbandry support data**
- **Identification systems**

Output 2

A long-term systematic crossbreeding programs between local IC and Improved KC to produce Four synthetic breed lines

Proposed Breeding Plan



Next Steps

**Funds have already been received....this week!
Discussions have been initiated with the Egerton
Poultry group (these are part of this project team)**

*Possibility of germplasm acquisition.....Cock and hen
exchange programs*

*Integration of the two breeding organization (more on
the IC nucleus schemes*

**Initiation workshop scheduled for 10-11th August
2016**

*Team members already assigned specific tasks....this will
be presented during the workshop*

*Workshop proceeding to crystallised into a working
document....blue print of the project going forward.*

Thank you

