

TILAPIA SECTORAL INFORMATION KENYA

- TILAPIA SPECIES (WILD AND FARMED)- *TILAPIA NILOTICUS*, *TILAPIA ZILLI*, *TILAPIA MOSAMBICUS*, *TILAPIA ESCULENTUS*, *TILAPIA VARIABILIS*, *TILAPIA LEUCOSTICTUS*, *TILAPIA SPIRULUS*, *TILAPIA BARINGOESIS?* *TILAPIA VOLCANIE*
- GEOGRAPHICAL DISTRIBUTION OF TILAPIA FARMS AND HATCHERIES- *NYANZA, WESTERN, RIFT VALLEY, EASTERN AND COASTAL REGION.*
- GEOGRAPHICAL DISTRIBUTION OF WILD TILAPIA STOCKS- *LAKES VICTORIA, TURKANA, BARINGO, NAIVASHA, JIBE. SMALL WATER BODIES AND RIVERS*
- AVERAGE YEARLY PRODUCTION OF THE FARMS/HATCHERIES- *1 2,356 METRIC TONS*

- PRODUCTION SEASON IF NON-CONTINUOUS
PRODUCTION-CONTINUES
- AVERAGE YEARLY CATCHES OF WILD TILAPIA -74,385
METRIC TONS
- AVAILABLE LABORATORY FACILITIES – 3 STERIO TYPES
MICROSCOPES SDF, DISSECTING MICROSCOPES, GEL
ELECTROPHORESIS, KMFRI, PCR MACHINES- AFRICA
BIOSYSTEMS (FOR HIRE) KMRI LOCATION AND CAPACITIES

- CURRENTLY KNOWN DISEASE OCCURRENCES IN THE TILAPIA POPULATION(S)-PROTOZOAN-) WHITE SPOTS, TRICODINA;, HELMINTHS-NEASCUS, CLINOSTOMUM, DIPLOSTOMUM, FUNGI, BACTERIAL: AEROMONAS,
- DIAGNOSTIC CAPACITY-BACTERIOLOGIST-KMFRI

- **SECTORAL STAKEHOLDERS: FARM REGISTRY, PRODUCER ORGANISATIONS, AAK, CASK, AFIPEK,**
- **SCIENTIFIC OR PROFESSIONAL SOCIETIES,- ANEA**
- **SERVICE PROVIDERS- FEED MANUFACTURERS, GOK EXTENSIONS, UNIVERSITIES, NON STATE ORGANIZATIONS**

BOTTLE-NECKS IN DEVELOPMENT AND IMPLEMENTATION:

- GOVERNMENT COMMITMENT- COMMITTED TECHNICAL STAFF, LABORATORIES
- CHAMPIONS- 2 FARMERS CHAMPIONS, 1 AQUACULTURE SPECIALIST, 1 FISH QUALITY ASSURANCE SPECIALIST, 1 BACTERIOLOGIST, 2 ACADEMIC SPECIALIST, 2 POLICY SPECIALISTS
- TECHNICAL AND OPERATIONAL SUPPORT- NEED FOR CAPACITY BUILDING THROUGH TRAINING AND EQUIPPING

- LIMITED BUDGET-COUNTERPART FUNDS NOT AVAILABLE BUT THE PROJECT ACTIVITIES CAN BE LINKED TO OTHER ON GOING GOK PROJECTS ACTIVITIES
- BUY-IN FROM RELEVANT STAKEHOLDERS- CAN EASILY BE SUPPORTED BY STAKEHOLDERS
- UNEXPECTED EVENTS OR OTHER RISKS- FISH KILLS, POLLUTION, ILLEGAL IMPORTS, EXTREME WEATHER CONDITIONS,

EMERGENCY PREPAREDNESS

- THE TEAM WENT THROUGH THE QUESTIONNAIRE SURVEY FORM AND MOST OF THE QUESTIONS WERE ANSWERED AS NEGATIVE.
- HOWEVER, KENYA HAS NEWLY CONSTRUCTED LABORATORIES THAT CAN BE EQUIPPED FOR DIAGNOSIS OF FISH DISEASES.

The image features a light gray background with a subtle, circular, embossed-like pattern in the center. The corners of the image are decorated with several realistic water droplets of varying sizes, some appearing to be on the surface and others as if floating or about to fall. The droplets have highlights and shadows, giving them a three-dimensional appearance.

THANK YOU