

**APPLICATION OF JUNCAO  
TECHNOLOGY TO FIGHT  
HUNGER, ECOLOGICAL  
PROBLEMS AND SOLVING  
FARMERS HERDSMEN CLASHES  
IN NIGERIA**

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## A gift to the world from china

The Juncao technology is the most recent innovation made in the People's Republic of China by chief scientist Professor **Lin Zhanxi** to replace broadleaf trees with fast growing grass. An estimated 700,000 cubic meters of timber are consumed annually for mushroom growing.






I was first introduced to juncao technology in 2015 by attending the international training workshop at FAFU, Fuzhou organised by China Ministry of Science and Technology. At the training we were taught a lot not only on the juncao technology but also Chinese culture among other things.

## Training Session



## Group picture with the Chief Scientist





After the training I was given about five (5) seedlings of the giant juncao grass. These pieces play magic after few weeks, I have started getting food for my ruminants.





After some months my community started enjoying the grass for them to grow and feed their flocks

### PEOPLE COLLECTING THE SEEDLINGS



### A FARMER HARVESTING THE GRASS



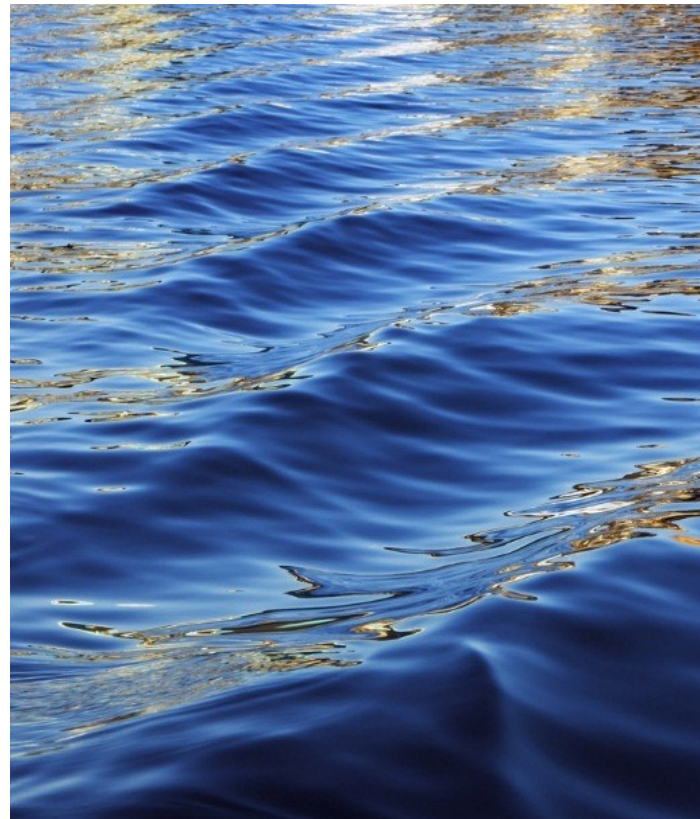
Today I have over two(2) hectares of the grass with a target of six (6) hectares by the end of 2023.







What is causing  
the farmers-  
herdsmen  
clashes



# From....

This



To This





**The major cause of farmers/herdsmen conflict is because the herdsmen always trespass the cultivated farms making a very severe damage to the crops/plantations. Taking into cognisance that.....**

- As at 2019 there are estimate of 34.5m goats, 22.1m sheep, 13.9m cattle, 31.9 poultry, 3.5m pigs and 1.7m rabbits in Nigeria.
- 90% of the cattle and 70% of the goats/sheep are concentrated in the northern region.
- There are about 415 grazing reserve across the country 413 in 21states all in the north while only 2 in the south west 1 each in Ogun and Oyo states. The laws governing the grazing reserve has been in existence since 1965.
- More 70% of the grazing routes were either encroached by farmers or other constructions by government or other people.
- Extinction of grasses due to introduction and application of pesticides in our farm land.



Aftermath.....

# Herdsman following motor ways instead of grazing routes





# The Role of Juncao Technology in Solving Farmers/Herdsmen Crisis

- ❖ Juncao technology can play a very vital role in solving out the aforementioned problems. From the discussions heard yesterday and today from experts and partners quick response to this technology is of paramount importance.
- ❖ We have seen where the technology is being used to reduce poverty to the lowest level in countries such as Rwanda, Lesotho, Madagascar, Fiji, Brazil, Papua guinea, Central Africa and many more.
- ❖ The technology can go along way providing feed to our livestock if is implemented sincerely with seriousness and patriotism.
- ❖ It will provide job opportunities to rural men and women, hence a wide publicity should be given and training programs to the grassroots.
- ❖ Government should as matter of urgency adopt the technology in the ecological problems as it much more easier and cheaper than colonial way of solving same.
- ❖ A series of sensitisation and mobilisation must be done to seel idea to the rural dwellers.

Thank you Juncao Centre for the solution and the training.





# Appreciations

## Our appreciation goes to the organizers of this workshop

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- **Federal Ministry of Agriculture**
- **Dr Ibrahim Lawandi Datti**
- **AUDA-NEPAD**
- **Fujian Agriculture and Forestry University, China.**

**Thank YOU all for your time.**