



ZIZIPHUS MAURITIANA FOOD AND LIVESTOCK FEED PROGRAMME



INTRODUCTION

Ziziphus mauritiana is key stone tree species that has naturalised in the Zambezi Valley. The tree provides:

- multifaceted ecological, socio-economic and cultural benefits to local people
- five vital 'F's': Food, Fodder, Fuel, Fence and Fitness.

USES OF Z. MAURITIANA

- fruit is consumed fresh, dried, as juice, tea (non-alcoholic beverages), cake, and alcoholic beverages;
- leaves and fruits are readily eaten by cattle and goats, therefore, they can be processed into stock feed;
- traditional medicine for treatment of ulcers; fevers; pregnancy abdominal pains, liver trouble, asthma, diarrhoea, gout and rheumatism; skin diseases; nausea, epilepsy, sore throat and anaemia

FRUITS NUTRITIONAL VALUE

richer than apple in protein, P, Ca and vitamin C

contain more P, Fe, vitamin C, calorific value and carbohydrates than oranges



PHASE 1

- Fortification and standardisation of non-alcoholic beverage (gununzvi)
- Development of goat feed