

# HYDROPONIC FODDER PRODUCTION VS CONVENTIONAL FODDER PRODUCTION

## IMPORTANCE OF FODDER

**4** Uses less space  
TIMES

**70%** less water (and it can be recycled)

**30%** less fertiliser

### napier grass

- Grown by an estimated 4 million farmers in Eastern Africa
- Constitutes up to 80% of total feed

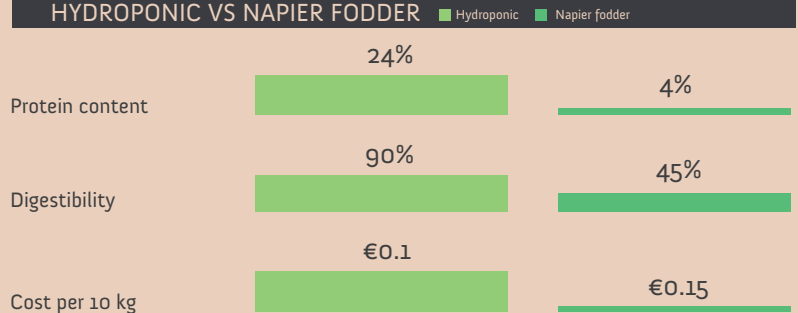
### fodder shrubs

- Kenya's economic benefit = US\$22.9 million (1993 and 2008)
- Farmers spend ~ US\$11 raising and transplanting 500 fodder seedlings in the first year

### sweet potato vines

- 4 kg of vines can replace
- 1 kg of dairy concentrate

### HYDROPONIC VS NAPIER FODDER



### HYDROPONIC VS LUCERNE FODDER

