Description

Our tray design is made of chicken wire. The design of chicken wire allows for the flow of air to be passed to the food and allow efficient drying. Chicken wire is:

- **Durable**: will not break easily due to its flexibility and strong material.
- **Available**: from several suppliers for an inexpensive cost per tray.
- **Cleanable**: Because chicken wire is made of metal it should be easy to clean.

Kenya’s climate is primarily of hot temperature so metal chicken wire would be ideal to use to heat up and dry food that is placed on it. The safety of the chicken wire is not the greatest because it is galvanized in zinc, but adjustments can be made to ensure a food safe condition. One possible adjustment would be to place wax paper on top of each tray and poke holes in the paper to allow good air-flow. Then, instead of having to clean off the wire frame, one could simply replace the wax paper. This solution is very food safe, and extremely easily cleaned. The wax paper would also be inexpensive. The chicken wire can be bought in Kenya through KD wire through the following website:

http://www.ngombe.co.ke/flash_page.html

Requirements

- Ease of maintenance
- Safety
- Availability
- Appropriate Technology
- Affordable Cost