

AGRICULTURAL STERILIZING AND DETOXIFYING ASSEMBLY FOR VEGETABLES AND FRUIT

ABSTRACT

An agricultural sterilizing and detoxifying assembly for vegetables and fruit has a rough-washing tank (10), a re-washing tank (20), a water-clarifying assembly (40) and a sterilizing assembly. The rough-washing tank (10) holds vegetables and fruit to be washed for the first time. The re-washing tank (20) communicates with the rough-washing tank (10) and holds vegetables and fruit to be washed again. The sterilizing assembly provides purified water to the re-washing tank (20) and the water-clarifying assembly (40). Purified water is full of ozone, free radicals and emulsified bubbles to breakdown insecticides and destroy microorganisms adhering to the vegetables and fruit. Sediment and wastewater can flow to the water-clarifying assembly (40) to be purified, and purified water will flow back to the re-washing tank (20) and rough-washing tank (10) to recycle the water.

Fig.1