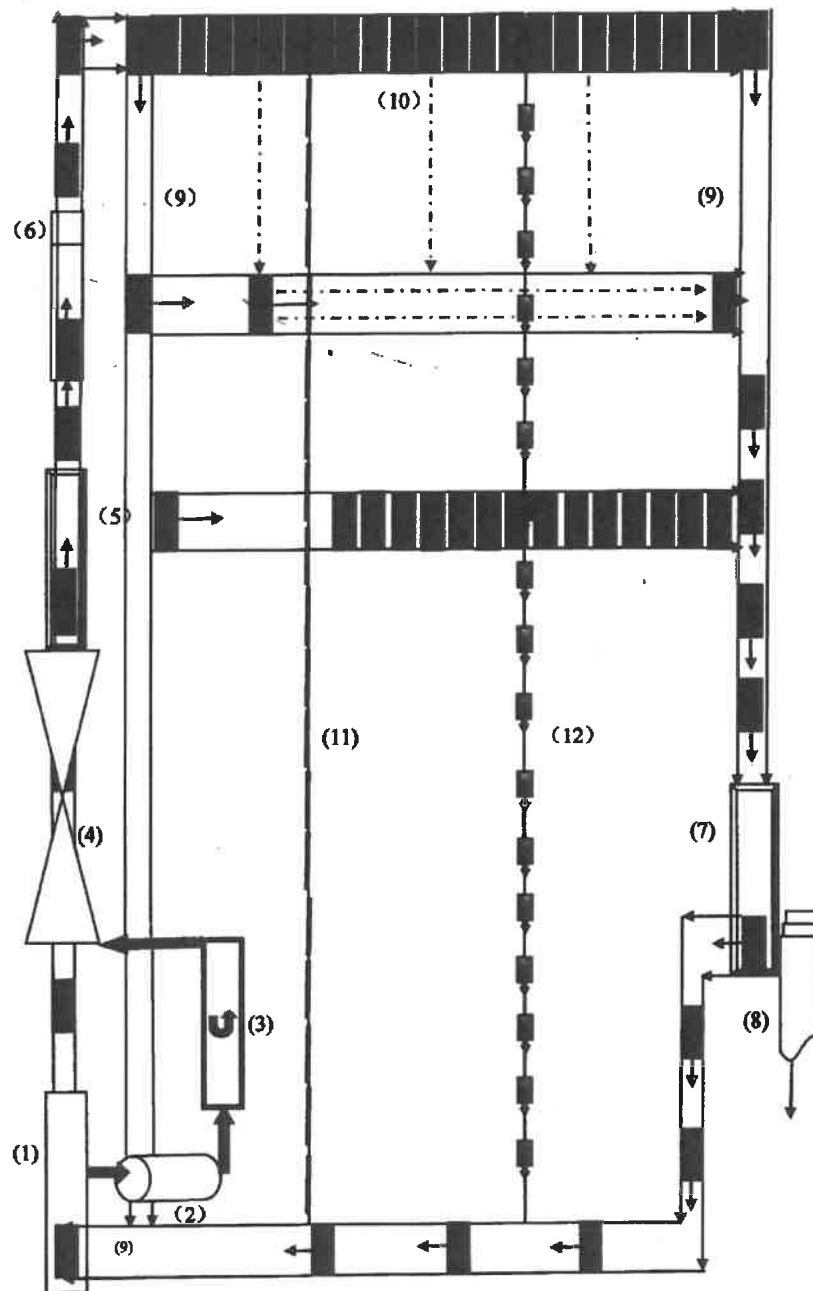


FIG. 1 Union Building greenhouses

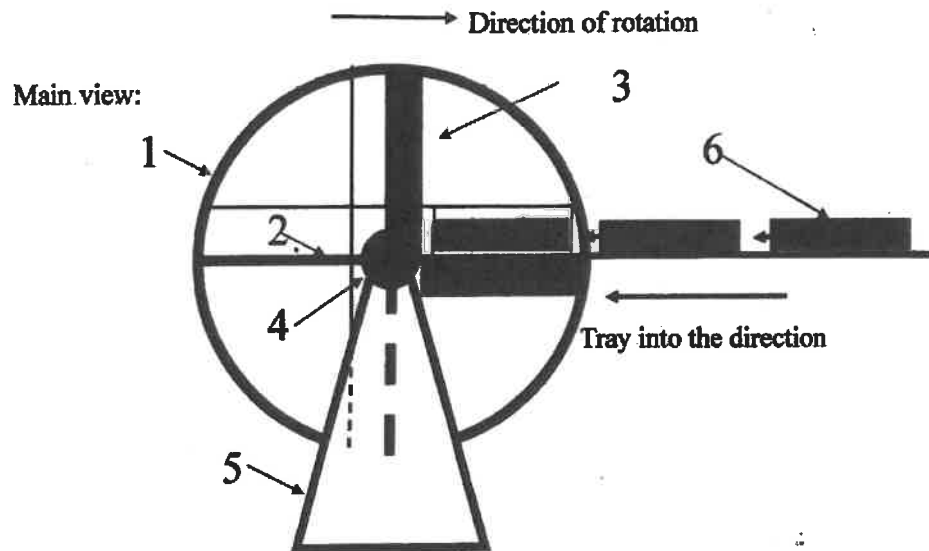


FIG.2: Full-automatic Parallel-moving Tray Type Organic plants Growing System



- | | |
|--|---|
| (1) Auto Flip dumping system | (2) Automatic Screening system |
| (3) Automatic Ingredients mixing system | (4) Automatic Disinfection System |
| (5) Automatic transfer to a plate system | (6) Automatic seeding system |
| (7) Automatic harvesting system | (8) Automatic Packaging Systems |
| (9) Automatic pallet conveyor system | (10) Tray parallel movement planting system |
| (11) Automatic watering systems by water curtain | (12) Automatic monitoring system |

FIG.3 An after-grown tray previously grown material turning and dumping system



Lateral view:

1、Circumference of the stent

2、Pallet conveying device

3、Locking device

4、Powerplant

5、Carrier

6、Tray

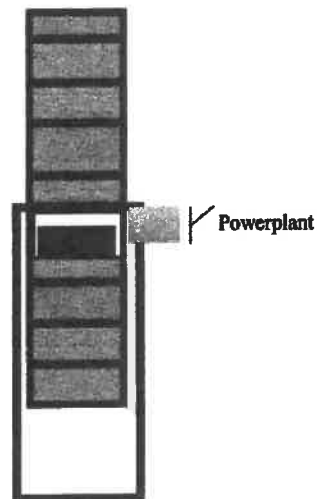
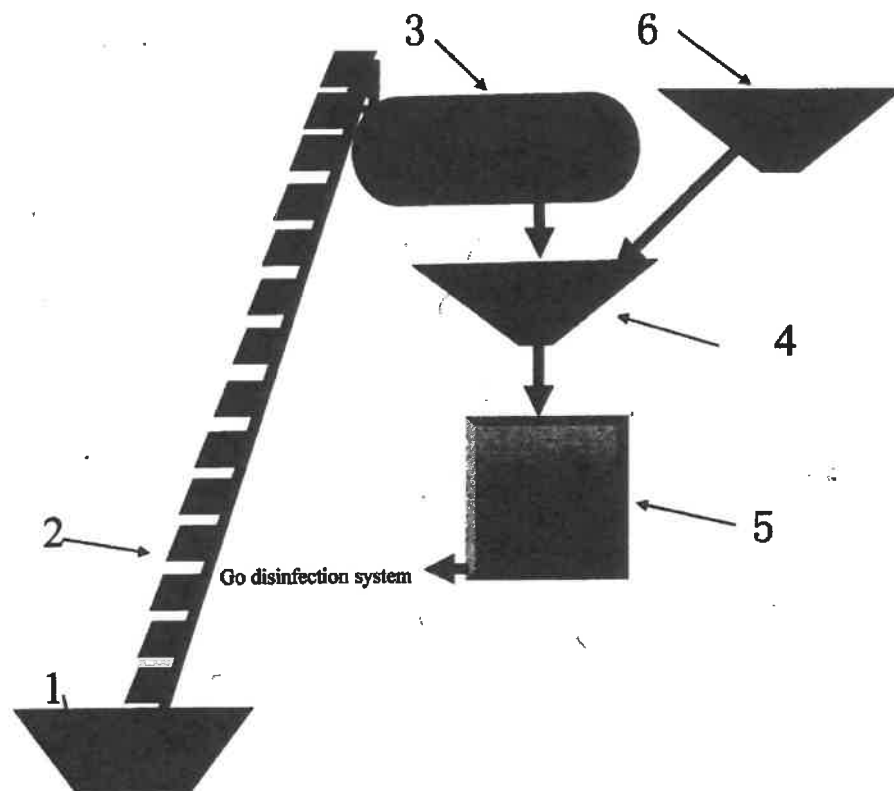


FIG.4 An automatic screening and batching system



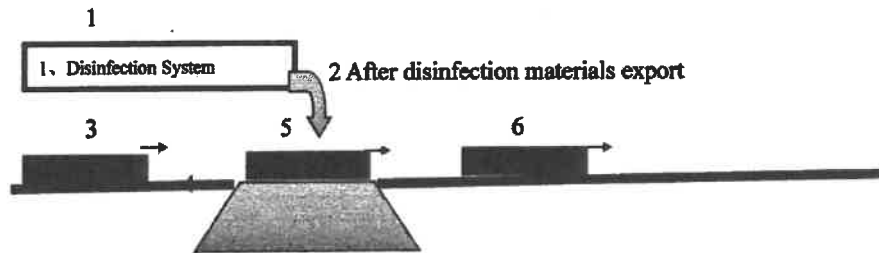
- 1、 Auto Flip dumping system storage silos
- 2、 Bucket elevator
- 3、 Drum screening machine
- 4、 Ingredients positions
- 5、 Homogenizing mixer
- 6、 Raw material storage silos

FIG.5 Automatic disinfection system



FIG.6 A grown material automatic loading system

Main view



- 1、 Disinfection System
- 2、 After disinfection materials exports
- 3、 Empty pallet
- 4、 Automatic weighing control the discharge port switch devices
- 5、 Retrieving Loading pallet
- 6、 Material has been filled pallets

FIG. 7 An automatic sowing system

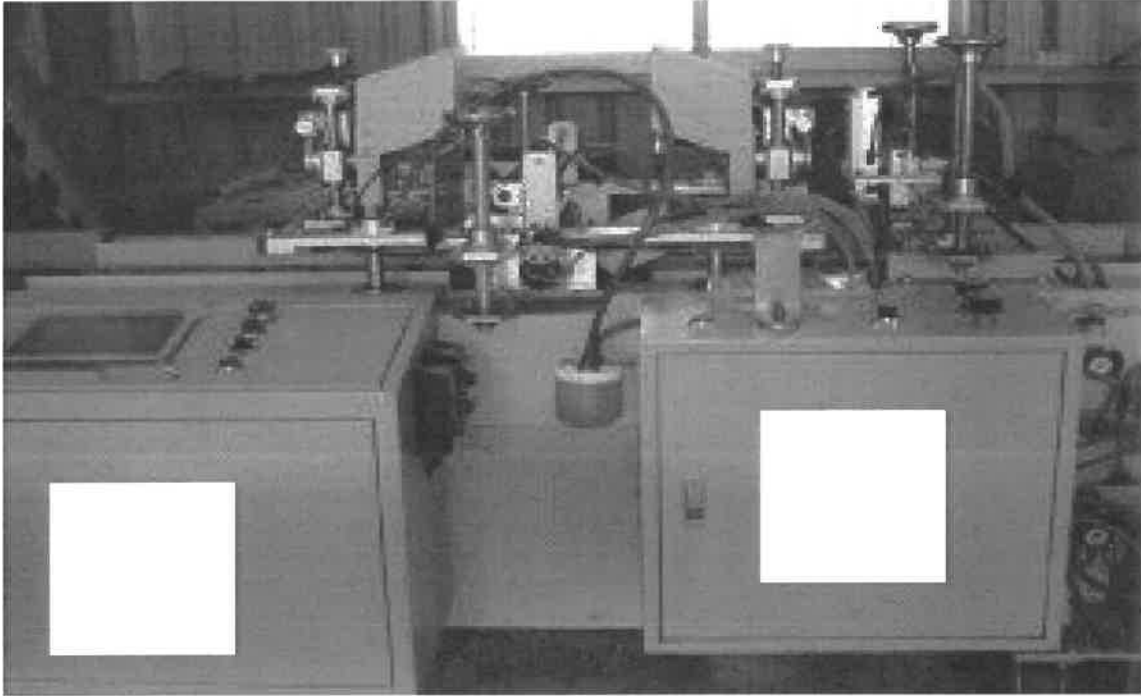


FIG.8-1

FIG.8 An automatic parallel-moving tray type organic plants growing system

Top view

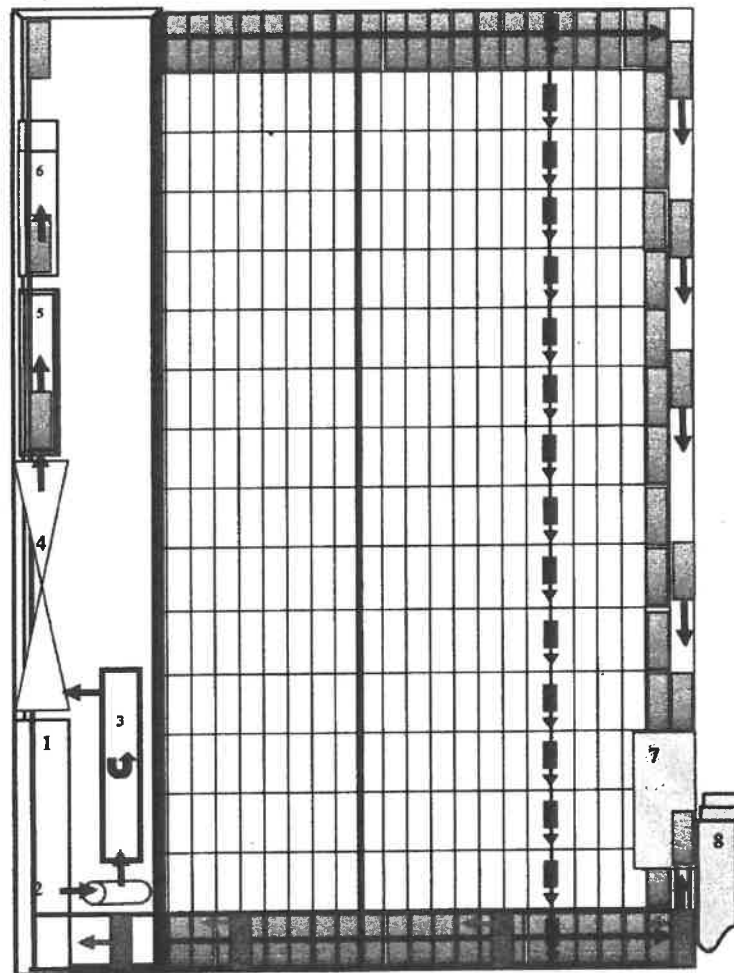


FIG.8-2

Top view: (The second layer is removed after a top view of the arrangement of equipment)

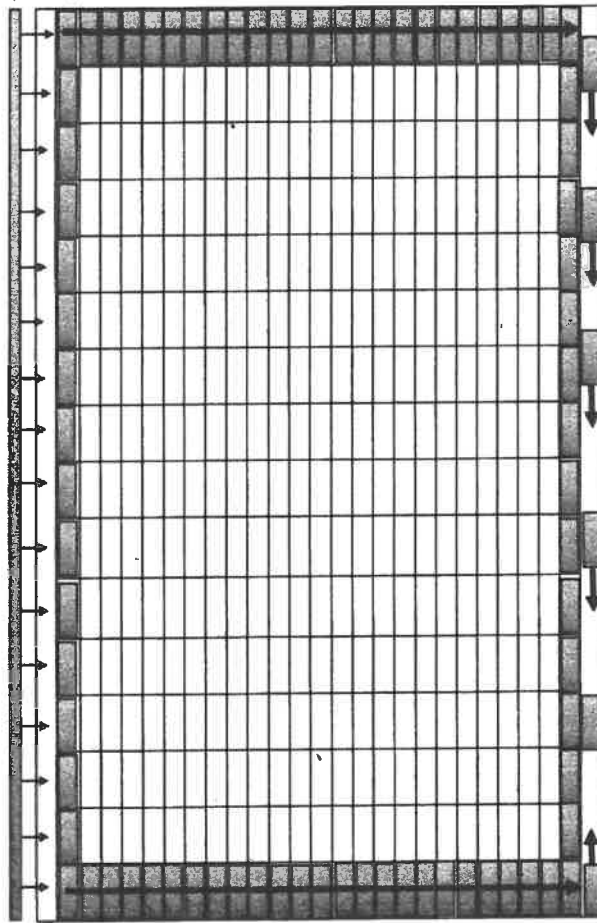


FIG8-3

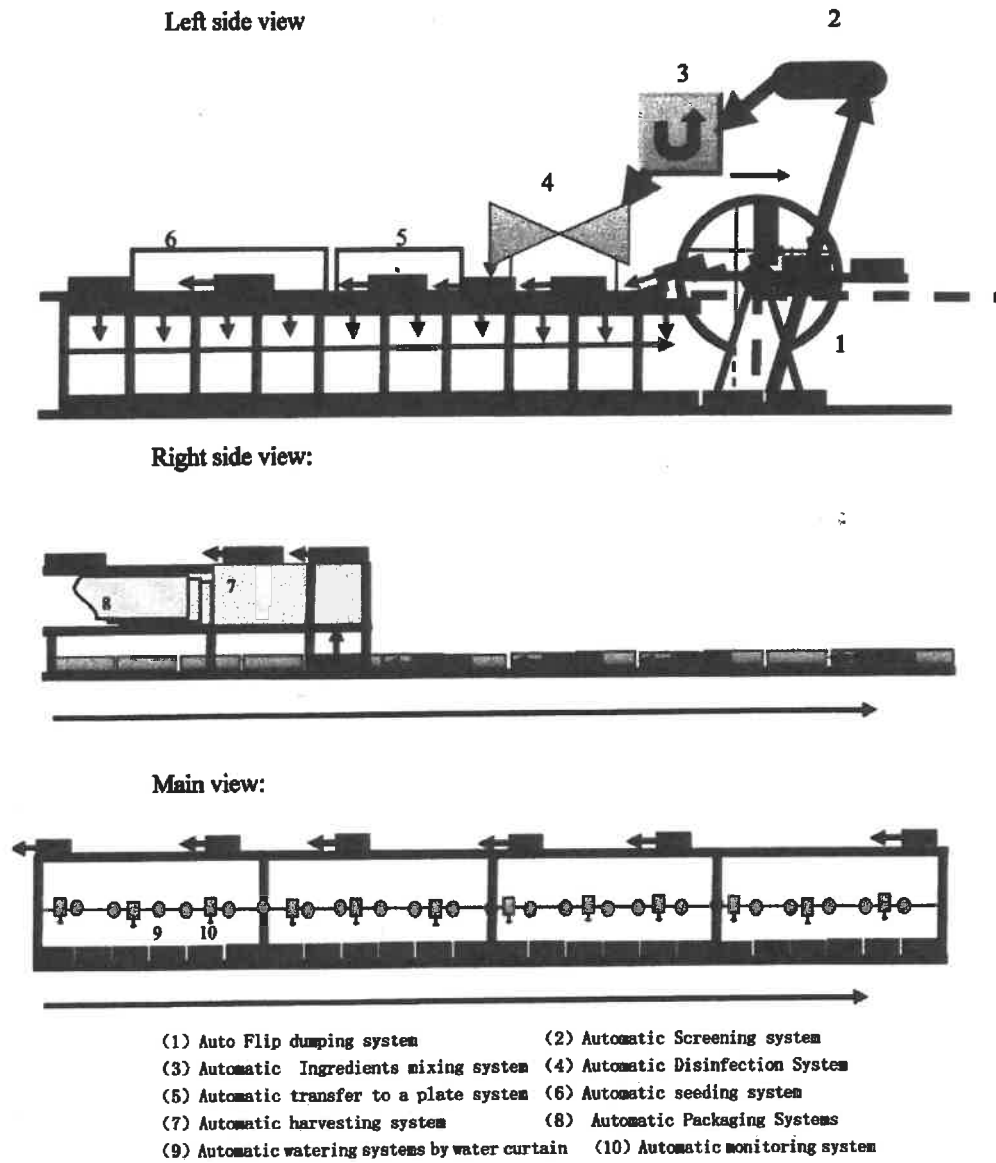


Fig. 9 A plants automatic picking and sorting system

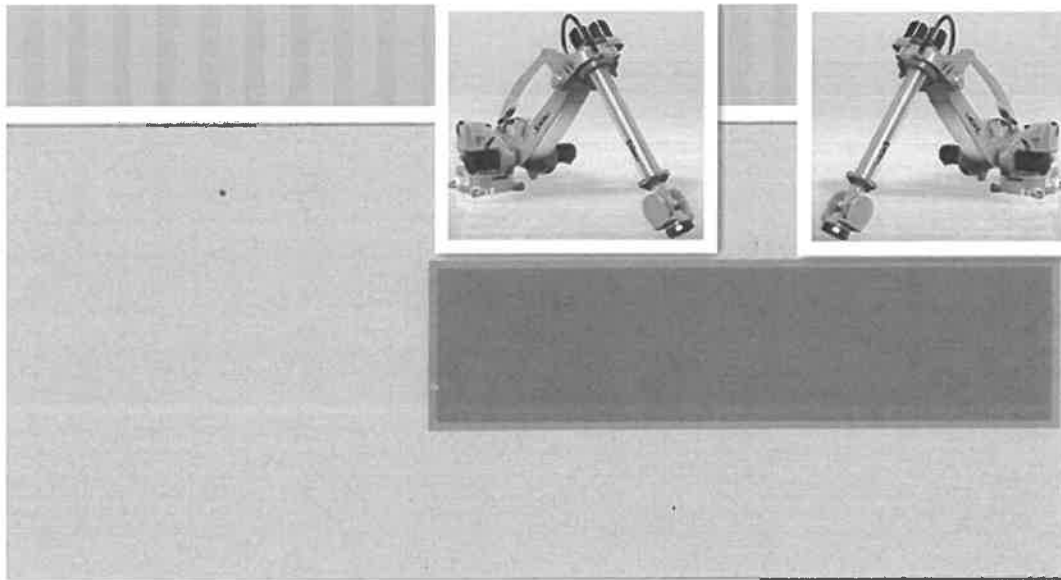
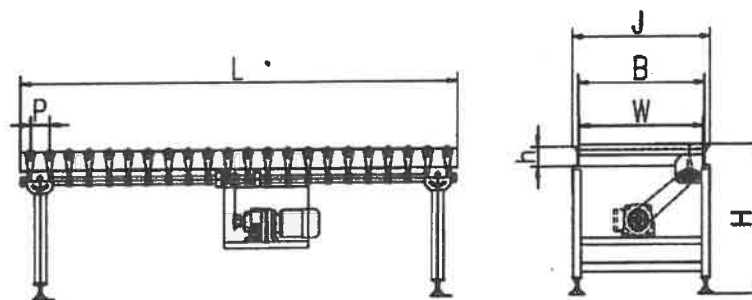


FIG. 10 A plants automatic packaging system



FIG.11、 Automatic power roller chain conveyor system tray
Automatically

Schematic:



Physical map



FIG12: Water curtain automatic watering system:

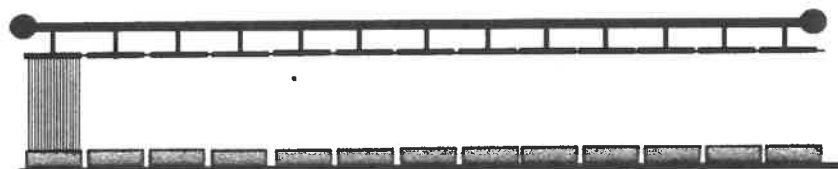
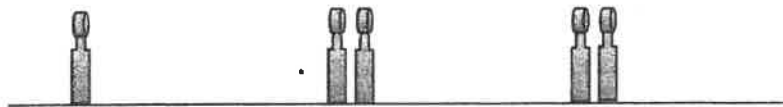


FIG13: Roller bearing slide tray conveyor system

Main view:

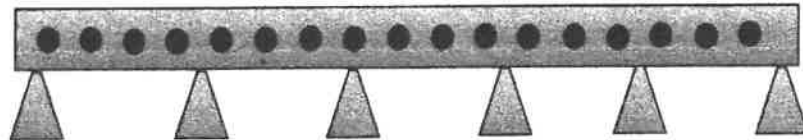


Left side view:



FIG14:Automatic Of the screw push system tray

Main view:



Top view:

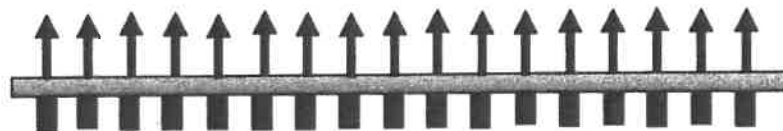


FIG15: Stainless steel trays for use planting

Main view:



Lateral view:



Top view:

