Claims:

1. A dispensing system for dispensing a feed to a plurality of trays stacked vertically in a rack with spacings between the plurality of trays, the dispensing system comprising:

a base unit adapted to be movable and having an upright; and

a dispensing unit having a dispensing arm with an inlet, one or more dispensing nozzle and a fluid path defined within the dispensing arm and running from the inlet to the one or more dispensing nozzle and a flow controller provided to regulate a flow of the feed flowing through the fluid path,

wherein the dispensing arm is adapted to be coupled to the upright of the base unit such that the one or more dispensing nozzle is positionable within one of the spacings to evenly distribute the feed throughout one of the plurality of trays that is under the one or more dispensing nozzle.

2. The dispensing system according to claim 1 wherein the base unit further comprises:

a movable platform and wheels provided on a bottom surface of the movable platform,

wherein the upright extends from a top surface of the movable platform.

3. The dispensing system according to claim 2 wherein the dispensing arm is movably mounted to the upright.

4. The dispensing system according to claim 2 further comprising:

a feed mixing container fluidly connected to the inlet, the feed mixing container having a stirrer.

5. The dispensing system according to claim 2 further comprising:

a plurality of the dispensing units, each dispensing unit is movably mounted to the upright to allow adjustment of the dispensing arm to accommodate the spacings between the plurality of trays on the rack.

6. The dispensing system according to claim 5 further comprising a feed mixing container having a stirrer, wherein the feed mixing container is provided on the movable platform and the inlet of each dispensing unit is connected to a connecting pipe that fluidly connects the plurality of dispensing units to the feed mixing container.

7. The dispensing system according to claim 6 further comprising a plurality of the connecting pipes, each connecting pipe fluidly connects the inlet of one of the plurality of dispensing unit to the feed mixing container.

8. The dispensing system according to claim 5 further comprising a feed mixing container having a stirrer, wherein the feed mixing container is provided above a top most of the plurality of dispensing units and the inlet of each dispensing unit is connected to a connecting pipe that fluidly connects the dispensing unit to the feed mixing container.

9. The dispensing system according to claim 8 further comprising a plurality of the connecting pipes, each connecting pipe fluidly connects the inlet of one of the plurality of dispensing unit to the feed mixing container.

10. The dispensing system according to claim 5 further comprising a plurality of feed mixing containers, each feed mixing container having a stirrer and each of the plurality of feed mixing containers is fluidly connected to the inlet of one of the plurality of dispensing unit.

11. The dispensing system according to claim 1 wherein the upright includes a track to allow moving of the dispensing arm along a length of the upright.

12. The dispensing system according to claim 1 wherein the flow controller is an adjustable valve to regulate the flow of feed.

13. The dispensing system according to any one of claims 1-12 further comprising:

a processing unit communicatively connected to the flow controller to control the flow of feed and to document an amount of feed being fed to the relevant trays.

14. The dispensing system according to any one of claims 4 and 6-10 further comprising:

a processing unit communicatively connected to the stirrer to adjust a speed of the stirrer.

15. The dispensing system according to claim 1 wherein the flow controller has an angled path adapted to guide solid feeds to the fluid path in the dispensing arm such that only one solid feed is inserted into the fluid path and the dispensing unit further comprises a pushing bar and a dispensing actuator configured to actuate the pushing bar to push the solid feed inside the fluid path towards the dispensing nozzle until the feed falls out from the dispensing nozzle and into the tray.

16. The dispensing system of any one of claims 5 to 10, wherein the plurality of dispensing units is adapted to dispense the feed to the plurality of trays simultaneously.

17. Use of the dispensing system of any one of claim 1 to 16 in dispensing food, larvae, pupae, eggs or water to the plurality of trays.

18. Use of the dispensing system of any one of the preceding claims in rearing insects.

19. The use of claim 18, wherein the insects comprise mosquitoes.