WHAT IS CLAIMED IS:

1. An aerial chemical delivery system comprising:

an unmanned aerial vehicle (UAV) comprising a body;

a material dispensing system mounted to the UAV; and

a collapsible storage container releasably mountable to the UAV, the storage container containing a flowable chemical product and comprising at least one coupler adapted to couple the storage container to the material dispensing system of the UAV and allow the flowable chemical product to be dispensed therethrough.

2. The aerial chemical delivery system of claim 1, wherein the storage container comprises a bag including at least one sidewall constructed of a flexible film.

3. The aerial chemical delivery system of claim 1 or 2, wherein the storage container comprises a unique identifier tag configured to wirelessly communicate with a controller of the UAV to identify at least one of a type of the flowable chemical product contained within the storage container and an amount of the flowable chemical product contained within the storage container.

4. The aerial chemical delivery system of any one of claims 1-3, wherein the material dispensing system comprises a liquid dispensing system.

5. The aerial chemical delivery system of any one of claims 1-3, wherein the material dispensing system comprises a dry material dispensing system.

6. The aerial chemical delivery system of any one of claims 1-5, further comprising a frame coupled to the UAV body, wherein the collapsible storage container is releasably mountable to the UAV by the frame.

7. The aerial chemical delivery system of any one of claims 1-6, wherein the chemical product comprises at least one of a fertilizer, an insecticide, a fungicide, a nematocide, a bactericide, an acaricide, a herbicide, a herbicide safener, a growth regulator, a chemosterilant, a semiochemical, a repellent, an attractant, a pheromone, and a feeding stimulant.

8. A method comprising:

providing a collapsible storage container that contains a flowable chemical product, the storage container including at least one coupler;

releasably mounting the storage container to an unmanned aerial vehicle (UAV);

coupling the storage container to a material dispensing system mounted to the UAV using the at least one coupler; and

dispensing the flowable chemical product from the UAV using the material dispensing system.

9. The method of claim 8, wherein dispensing the flowable chemical product from the UAV comprises:

operating the UAV such that the UAV flies over a field; and

dispensing the flowable chemical product from the UAV while the UAV is flying over the field such that the flowable chemical product is applied to the field.

10. The method of claim 8 or 9, wherein the flowable chemical product is selected from the group consisting of a liquid, flowable granules, and flowable powders.

11. The method of any one of claims 8-10, wherein releasably mounting the storage container to a UAV comprises releasably mounting the storage container to the UAV using a frame coupled to a body of the UAV.

12. The method of claim 11 further comprising removably coupling the frame to the UAV body.

13. The method of any one of claims 8-12, wherein the chemical product comprises at least one of a fertilizer, an insecticide, a fungicide, a nematocide, a bactericide, an acaricide, a herbicide, a herbicide safener, a growth regulator, a chemosterilant, a semiochemical, a repellent, an attractant, a pheromone, and a feeding stimulant.

14. A collapsible liquid storage container comprising:

a flexible sidewall constructed of an ultra-lightweight material, the sidewall at least partially defining a cavity;

a pre-dosed amount of a chemical product disposed within the cavity;

at least one mechanical coupler coupled to the sidewall and configured for releasable coupling to an unmanned aerial vehicle (UAV); and

at least one fluid coupler coupled in fluid communication with the cavity, wherein the liquid storage container is configured to receive a liquid into the cavity via the at least one fluid coupler to form a liquid mixture with the chemical product, and wherein the at least one fluid coupler is adapted to fluidly couple the cavity to a liquid dispensing system of the UAV such that the liquid mixture can be dispensed from the UAV liquid dispensing system.

15. The collapsible liquid storage container of claim 14, wherein the at least one fluid coupler comprises a single fluid coupler that functions as both an inlet for receiving liquid into the liquid storage container to mix with the chemical product and form the liquid mixture, and an outlet for supplying the liquid mixture to the liquid dispensing system.

16. The collapsible liquid storage container of claim 14 or 15, further comprising a fill line indicator that corresponds to a liquid filling level of the liquid container needed to achieve a pre-determined concentration of the liquid mixture.

17. The collapsible liquid storage container of any one of claims 14-16, wherein the at least one mechanical coupler is selected from the group consisting of grommets, hooks, buttons, snaps, clips, clamps, and bolts.

18. The collapsible liquid storage container of any one of claims 14-17, wherein the collapsible liquid storage container comprises a unique identifier tag configured to wirelessly communicate with a controller of the UAV to identify at least one of a type of the chemical product contained within the liquid storage container and an amount of the chemical product contained within the liquid storage container.

19. The collapsible liquid storage container of any one of claim 14-18, wherein the chemical product comprises at least one of a fertilizer, an insecticide, a fungicide, a nematocide, a

bactericide, an acaricide, a herbicide, a herbicide safener, a growth regulator, a chemosterilant, a semiochemical, a repellent, an attractant, a pheromone, and a feeding stimulant.