CLAIMS:

What is claimed is:

1. A pesticide composition for controlling cockroaches and fleas in a confined area, the composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid; and, from about 0.5% to about 69.5% by weight of a chitin synthesis inhibitor, wherein the composition comprises up to 70% by weight of total active pesticide, wherein the chitin synthesis inhibitor is novaluron and the juvenoid is selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof.
2. The composition of claim 1, wherein the composition comprises from about 0.5% to about 20% by weight of a juvenoid; and, from about 1% to about 30% by weight of a novaluron.
3. The composition of claim 1, wherein the composition comprises from about 1% to about 3% by weight of a juvenoid; and, from about 1% to about 3% by weight of a novaluron.
4. The composition of any one of claims 1 to 3, wherein the juvenoid is hydroprene or pyriproxyfen.
5. The composition of claim 4, wherein the composition comprises about 1.3% by weight pyriproxyfen or hydroprene.
6. The composition of any one of claims 1 to 5, wherein the composition comprises about 1.3% by weight novaluron.
7. The composition of claim 1, wherein the composition is dispersed in an aqueous medium to form a pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
8. The pesticide concentrate of claim 7, comprising from about 0.01% to about 0.1% by weight of the active pesticides.
9. The pesticide concentrate of claim 7, wherein the pesticide concentrate is formulated as a spray solution, a fogging solution, or a carpet shampoo.
10. The composition of claim 1, wherein composition further controls crickets, moths, beetles, mosquitoes, midges, and gnats.

11. A pesticide composition for controlling cockroaches and fleas in a confined area, the composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of novaluron, wherein the composition comprises up to 70% by weight of total active pesticide.
12. The composition of claim 11, wherein the composition comprises from about 0.5% to about 20% by weight of a juvenoid and from about 1% to about 30% by weight of a novaluron.
13. The composition of claim 11, wherein the composition comprises from about 1% to about 3% by weight of a juvenoid and from about 1% to about 3% by weight of a novaluron.
14. The composition of claim 11, wherein the composition comprises about 1.3% by weight of a juvenoid and about 1.3% by weight of a novaluron.
15. The composition of claim 11, wherein the juvenoid is hydroprene or pyriproxyfen.
16. The composition of claim 11, wherein the composition is dispersed in an aqueous medium to form a pesticide concentrate containing from about 0.005% to about 0.5% by weight of the active pesticides.
17. A pesticide concentrate for controlling cockroaches and fleas in a confined area comprising:
    a. a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

18. The composition of claim 17, wherein the juvenoid is hydroprene or pyriproxyfen.

19. A pesticide concentrate for controlling cockroaches and fleas in a confined area comprising:
    a. a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight pyriproxyfen and from about 0.5% to about 69.5% by weight novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

20. A pesticide concentrate for controlling cockroaches and fleas in confined areas comprising:
    a. a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight hydroprene and from about 0.5% to about 69.5% by weight novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

21. A pesticide concentrate for controlling cockroaches and fleas in confined areas comprising:
    a. a pesticide composition comprising active pesticides comprising about 1.3% by weight pyriproxyfen and about 1.3% by weight novaluron; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

22. A pesticide composition for controlling pests on crop products, the composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and, from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide.
23. The composition of claim 22, wherein the crop products are selected from the group consisting of crops, strawberries, raspberries, blueberries, melons, stone fruit, nut crops, potatoes, vegetables, turf grasses, seed crops (i.e., seed grasses, alfalfa seed), corn, rice, wheat, soybeans, dry beans, peanuts, cotton, sorghum, and other row crops, curcurbits, other small fruit crops, horticultural plants, and combinations thereof.

24. A method for controlling cockroaches and fleas in a confined area, which method comprises applying to the confined area a pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.51% and about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
25. The method of claim 24, wherein the pesticide concentrate is applied in an amount of about 0.5 to about 3 gallons per from about 500 and 2,000 square feet of confined area.
26. The method of claim 24, wherein the juvenoid is pyriproxyfen or hydroprene.
27. The method of claim 24, wherein application of the pesticide concentrate comprises spraying the confined area with the pesticide concentrate.

28. A method for controlling cockroaches and fleas in a confined area, which method comprises applying to the confined area a pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight pyriproxyfen, and from about 0.5% to about 69.5% by weight novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

29. A method for controlling pests on crop products, which method comprises applying to the crop products a pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.51% and about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

30. The method of claim 29, wherein the crop products are selected from the group consisting of crops, strawberries, raspberries, blueberries, melons, stone fruit, nut crops, potatoes, vegetables, turf grasses, seed crops (i.e., seed grasses, alfalfa seed), corn, rice, wheat, soybeans, dry beans, peanuts, cotton, sorghum, and other row crops, curcurbits, other small fruit crops, horticultural plants, and combinations thereof.

31. A method for protecting a confined area from flea infestation and/or treating an interior surface having an infestation of fleas to substantially eliminate the infestation, which method comprises:

    a. identifying a confined area or interior surface; and

b. applying a pesticide concentrate to the confined area or interior surface, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

32. The method of claim 31, wherein the concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of confined area.
33. The method of claim 31, wherein the active pesticides further comprises an adulticide insecticide.
34. The method of claim 31, wherein application of the pesticide concentrate comprises spraying the confined area or interior surface requiring pest control with the concentrate.
35. The method of claim 31, wherein the juvenoid is pyriproxyfen or hydroprene.

36. A method for protecting an exterior area from flea infestation and/or treating an exterior area having an infestation of fleas to substantially eliminate the infestation, which method comprises:
    a. identifying an exterior surface to be treated;
    b. applying a pesticide concentrate to the exterior area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% and about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the

pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

37. The method of claim 38 wherein the concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of exterior surface area treated.
38. The method of claim 38, wherein the active pesticides further comprises a flea adulticide insecticide.
39. The method of claim 38, wherein application of the pesticide concentrate comprises spraying the exterior area requiring pest control with the concentrate.
40. The method of claim 38, wherein the juvenoid is pyriproxyfen or hydroprene.

41. A method for protecting an interior area from cockroach or cricket infestation and/or treating an interior surface having an infestation of cockroaches or crickets to substantially eliminate the infestation, which method comprises:
    a. identifying an interior area to be treated; and
    b. applying a pesticide concentrate to the interior area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
42. The method of claim 41, wherein the pesticide concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of interior surface area treated.
43. The method of claim 41, wherein the pesticide composition further comprises a cockroach adulticide insecticide.

44. The method of claim 41, wherein application of the pesticide concentrate comprises spraying the interior area requiring pest control with the concentrate.
45. The method of claim 41, wherein the concentrate is applied by spot treating the interior surface location.
46. The method of claim 41, wherein the juvenoid is pyriproxyfen or hydroprene.

47. A method for protecting a structure from cockroach or cricket infestation and/or treating a structure having an infestation of cockroaches or crickets to substantially eliminate the infestation, which method comprises:
    a. identifying a perimeter surrounding the foundation of the structure to be treated;
    b. applying a pesticide concentrate to the perimeter, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
48. The method of claim 47, wherein the perimeter comprises an area from about 1 to about 5 feet adjacent to all sides of the structure.
49. The method of claim 47, wherein the pesticide concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of identified surface area to be treated.
50. The method of claim 47, wherein the concentrate is applied at a height of from about 1 to about 5 feet from the foundation of the structure.
51. The method of claim 47, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
52. The method of claim 47, wherein the juvenoid is pyriproxyfen or hydroprene.

53. A method for protecting a food or non-food warehouse from pest infestation and/or treating a warehouse having an infestation of pests to substantially eliminate the infestation, which method comprises:
    a. identifying an interior location of the warehouse to be treated; and
    b. applying a pesticide concentrate to the identifies area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
54. The method of claim 53, wherein the pesticide concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of identified surface area to be treated.
55. The method of claim 53, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
56. The method of claim 53, wherein application of the pesticide concentrate comprises spot treating the identified location.
57. The method of claim 53, wherein application of the pesticide concentrate comprises fogging the identified location.
58. The method of claim 53, wherein the juvenoid is pyriproxyfen or hydroprene.
59. The method of claim 53, wherein the pests comprise moths selected from the group consisting of meal moths, rice moths, and tobacco moths; lesser grain borers; and beetles selected from the group consisting of red flour beetles, confused flour beetles, merchant grain beetles, saw-toothed grain beetles, warehouse beetles, cigarette beetles, and dermisted beetles.

60. A method for protecting a food-handling establishment from pest infestation and/or treating a food-handling establishment having an infestation of pests to substantially eliminate the infestation, which method comprises:
    a. identifying an interior location of the establishment to be treated; and
    b. applying a pesticide concentrate to the identified area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
61. The method of claim 60, wherein the pesticide concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of interior location.
62. The method of claim 60, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
63. The method of claim 60, wherein application of the pesticide concentrate comprises spot treating the identified area requiring pest control with the concentrate.
64. The method of claim 60, wherein application of the pesticide concentrate comprises fogging the identified area requiring pest control with the concentrate.
65. The method of claim 60, wherein the juvenoid is pyriproxyfen or hydroprene.
66. The method of claim 60, wherein the pests comprise moths selected from the group consisting of meal moths, rice moths, and tobacco moths; lesser grain borers; and beetles selected from the group consisting of red flour beetles,

confused flour beetles, merchant grain beetles, saw-toothed grain beetles, warehouse beetles, cigarette beetles, and dermisted beetles.

67. A method for protecting an interior surface from ant infestation and/or treating an interior surface having an infestation of ants to substantially eliminate the infestation, which method comprises:
    a. identifying an interior surface location to be treated; and
    b. applying a pesticide concentrate to the identified location, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
68. The method of claim 67, wherein the pesticide concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of interior surface.
69. The method of claim 67, wherein the pesticide composition further comprises an adulticide insecticide.
70. The method of claim 67, wherein application of the pesticide concentrate comprises spraying the interior surface location with the concentrate.
71. The method of claim 67, wherein the juvenoid is pyriproxyfen or hydroprene.

72. A method for protecting a structure from ant infestation and/or treating a structure having an infestation of ants to substantially eliminate the infestation, which method comprises:
    a. identifying a perimeter surrounding the structure;

b. applying a pesticide concentrate to the perimeter, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

73. The method of claim 72, wherein the perimeter comprises an area from about 1 to about 5 feet adjacent to all sides of the structure.

74. The method of claim 72, wherein the concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of perimeter.

75. The method of claim 72, wherein application of the pesticide concentrate comprises spraying the perimeter with the concentrate.

76. The method of claim 72, wherein the juvenoid is pyriproxyfen or hydroprene.

77. A method for protecting an interior surface from flying pest infestation and/or treating an interior surface having an infestation of flying pests to substantially eliminate the infestation, which method comprises:

a. identifying an interior surface location to be treated; and

b. applying a pesticide concentrate to the interior area, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide

concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

78. The method of claim 77, wherein the concentrate is applied in an amount from about 1 to 10 gallons per 1,500 square feet of interior surface area treated.
79. The method of claim 77, wherein the composition further comprises an adulticide insecticide.
80. The method of claim 77, wherein application of the pesticide concentrate comprises spraying the interior surface with the concentrate.
81. The method of claim 77, wherein the juvenoid is pyriproxyfen or hydroprene.
82. The method of claim 77, wherein flying pests comprise flies, moths, mosquitoes, gnats, and midges.

83. A method for protecting a structure from flying pest infestation and/or treating a structure having an infestation of ants to substantially eliminate the infestation, which method comprises:
    a. identifying a perimeter surrounding the structure;
    b. applying a pesticide concentrate to the perimeter, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
84. The method of claim 83, wherein the perimeter comprises an area from about 1 to about 10 feet adjacent to all sides of the structure.
85. The method of claim 83, wherein the concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of perimeter treated.

86. The method of claim 83, wherein application of the pesticide concentrate comprises spraying the perimeter with the concentrate.
87. The method of claim 83, wherein the juvenoid is pyriproxyfen or hydroprene.
88. The method of claim 83, wherein flying pests comprise flies, moths, mosquitoes, gnats, and midges.

89. A method for protecting crops from pest infestation and/or treating crops having an infestation of pests to substantially eliminate the infestation, which method comprises:
    a. identifying an area to be treated;
    b. applying a pesticide concentrate to the area, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
90. The method of claim 89, wherein the area comprises at least one acre of identified area to be treated.
91. The method of claim 89, wherein the pesticide concentrate is applied in an amount of up to about 20 gallons per acre of identified area to be treated.
92. The method of claim 89, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
93. The method of claim 92, wherein concentrate is sprayed by a sprayer selected from the group consisting of irrigation systems, row crop sprayers, trailed crop sprayers, low volume mist blowers, hydraulic sprayers, compressed air sprayers, and combinations thereof.
94. The method of claim 89, wherein the juvenoid is pyriproxyfen or hydroprene.

95. The method of claim 89, wherein the pests are selected from the group consisting of fleas, ants, cockroaches, beetles, earwigs, silverfish, crickets, spiders, centipedes, flies, midges, mosquitoes, gnats, moths, caterpillars, weevils, maggots, bedbugs, spiders, chiggers, cicadas, grasshoppers, root borers, stalk borers, vine borers, fruit borers, leafhoppers, fruitworms, mites, wasps, hornets, yellow jackets, bees, centipedes, millipedes, scorpions, pillbugs, sowbugs, and combinations thereof.

96. A method for making a pesticide concentrate for controlling fleas in interior locations, wherein the method comprises:
    a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide;
    b. filling a mixing container between about one-quarter and about one-third full with water;
    c. measuring 1 ounce of composition per gallon of water;
    d. adding the pesticide composition to the container;
    e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate;
    f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.
97. The method of claim 96, wherein the juvenoid is pyriproxyfen or hydroprene.

98. A method for making a pesticide concentrate for controlling fleas in exterior locations, wherein the method comprises:
    a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid

selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;

b. filling a mixing container between about one-quarter and about one-third full with water;
c. measuring 1 ounce of composition per 5 to 15 gallons of water;
d. adding the pesticide composition to the container;
e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate; and
f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

99. The method of claim 100, wherein the juvenoid is pyriproxyfen or hydroprene.

100. A method for making a pesticide concentrate for controlling cockroaches in an interior and/or exterior location, wherein the method comprises:

a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;
b. filling a mixing container between about one-quarter and about one-third full with water;
c. measuring 2 ounces of composition per gallon of water;
d. adding the pesticide composition to the container;
e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate;
f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

101. The method of claim 100, wherein the juvenoid is pyriproxyfen or hydroprene.

102. A method for making a pesticide concentrate for controlling pests in interior and exterior locations, wherein the method comprises:

a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;

b. filling a mixing container between about one-quarter and about one-third full with water;

c. measuring 1.5 fluid ounces of composition per gallon of water;

d. adding the pesticide composition to the container;

e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate;

f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

103. The method of claim 102, wherein the juvenoid is pyriproxyfen or hydroprene.

104. A method for making a pesticide concentrate for controlling pests in crop farms, wherein the method comprises:

a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;

b. filling a mixing container between about one-quarter and about one-third full with water;

c. measuring an effective amount of composition per 5 to 15 gallons of water;

d. adding the pesticide composition to the container;

e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate; and

f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

105. The method of claim 104, wherein the juvenoid is pyriproxyfen or hydroprene.

CLAIMS:

What is claimed is:

1. A pesticide composition for controlling cockroaches and fleas in a confined area, the composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid; and, from about 0.5% to about 69.5% by weight of a chitin synthesis inhibitor, wherein the composition comprises up to 70% by weight of total active pesticide, wherein the chitin synthesis inhibitor is novaluron and the juvenoid is selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof.
2. The composition of claim 1, wherein the composition comprises from about 0.5% to about 20% by weight of a juvenoid; and, from about 1% to about 30% by weight of a novaluron.
3. The composition of claim 1, wherein the composition comprises from about 1% to about 3% by weight of a juvenoid; and, from about 1% to about 3% by weight of a novaluron.
4. The composition of any one of claims 1 to 3, wherein the juvenoid is hydroprene or pyriproxyfen.
5. The composition of claim 4, wherein the composition comprises about 1.3% by weight pyriproxyfen or hydroprene.
6. The composition of any one of claims 1 to 5, wherein the composition comprises about 1.3% by weight novaluron.
7. The composition of claim 1, wherein the composition is dispersed in an aqueous medium to form a pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
8. The pesticide concentrate of claim 7, comprising from about 0.01% to about 0.1% by weight of the active pesticides.
9. The pesticide concentrate of claim 7, wherein the pesticide concentrate is formulated as a spray solution, a fogging solution, or a carpet shampoo.
10. The composition of claim 1, wherein composition further controls crickets, moths, beetles, mosquitoes, midges, and gnats.

11. A pesticide composition for controlling cockroaches and fleas in a confined area, the composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of novaluron, wherein the composition comprises up to 70% by weight of total active pesticide.
12. The composition of claim 11, wherein the composition comprises from about 0.5% to about 20% by weight of a juvenoid and from about 1% to about 30% by weight of a novaluron.
13. The composition of claim 11, wherein the composition comprises from about 1% to about 3% by weight of a juvenoid and from about 1% to about 3% by weight of a novaluron.
14. The composition of claim 11, wherein the composition comprises about 1.3% by weight of a juvenoid and about 1.3% by weight of a novaluron.
15. The composition of claim 11, wherein the juvenoid is hydroprene or pyriproxyfen.
16. The composition of claim 11, wherein the composition is dispersed in an aqueous medium to form a pesticide concentrate containing from about 0.005% to about 0.5% by weight of the active pesticides.
17. A pesticide concentrate for controlling cockroaches and fleas in a confined area comprising:
    a. a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

18. The composition of claim 17, wherein the juvenoid is hydroprene or pyriproxyfen.

19. A pesticide concentrate for controlling cockroaches and fleas in a confined area comprising:
    a. a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight pyriproxyfen and from about 0.5% to about 69.5% by weight novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

20. A pesticide concentrate for controlling cockroaches and fleas in confined areas comprising:
    a. a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight hydroprene and from about 0.5% to about 69.5% by weight novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

21. A pesticide concentrate for controlling cockroaches and fleas in confined areas comprising:
    a. a pesticide composition comprising active pesticides comprising about 1.3% by weight pyriproxyfen and about 1.3% by weight novaluron; and
    b. an aqueous medium, such that the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

22. A pesticide composition for controlling pests on crop products, the composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and, from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide.
23. The composition of claim 22, wherein the crop products are selected from the group consisting of crops, strawberries, raspberries, blueberries, melons, stone fruit, nut crops, potatoes, vegetables, turf grasses, seed crops (i.e., seed grasses, alfalfa seed), corn, rice, wheat, soybeans, dry beans, peanuts, cotton, sorghum, and other row crops, curcurbits, other small fruit crops, horticultural plants, and combinations thereof.

24. A method for controlling cockroaches and fleas in a confined area, which method comprises applying to the confined area a pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.51% and about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
25. The method of claim 24, wherein the pesticide concentrate is applied in an amount of about 0.5 to about 3 gallons per from about 500 and 2,000 square feet of confined area.
26. The method of claim 24, wherein the juvenoid is pyriproxyfen or hydroprene.
27. The method of claim 24, wherein application of the pesticide concentrate comprises spraying the confined area with the pesticide concentrate.

28. A method for controlling cockroaches and fleas in a confined area, which method comprises applying to the confined area a pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight pyriproxyfen, and from about 0.5% to about 69.5% by weight novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

29. A method for controlling pests on crop products, which method comprises applying to the crop products a pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.51% and about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

30. The method of claim 29, wherein the crop products are selected from the group consisting of crops, strawberries, raspberries, blueberries, melons, stone fruit, nut crops, potatoes, vegetables, turf grasses, seed crops (i.e., seed grasses, alfalfa seed), corn, rice, wheat, soybeans, dry beans, peanuts, cotton, sorghum, and other row crops, curcurbits, other small fruit crops, horticultural plants, and combinations thereof.

31. A method for protecting a confined area from flea infestation and/or treating an interior surface having an infestation of fleas to substantially eliminate the infestation, which method comprises:

    a. identifying a confined area or interior surface; and

b. applying a pesticide concentrate to the confined area or interior surface, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

32. The method of claim 31, wherein the concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of confined area.
33. The method of claim 31, wherein the active pesticides further comprises an adulticide insecticide.
34. The method of claim 31, wherein application of the pesticide concentrate comprises spraying the confined area or interior surface requiring pest control with the concentrate.
35. The method of claim 31, wherein the juvenoid is pyriproxyfen or hydroprene.

36. A method for protecting an exterior area from flea infestation and/or treating an exterior area having an infestation of fleas to substantially eliminate the infestation, which method comprises:
    a. identifying an exterior surface to be treated;
    b. applying a pesticide concentrate to the exterior area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% and about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the

pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

37. The method of claim 36 wherein the concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of exterior surface area treated.
38. The method of claim 36, wherein the active pesticides further comprises a flea adulticide insecticide.
39. The method of claim 36, wherein application of the pesticide concentrate comprises spraying the exterior area requiring pest control with the concentrate.
40. The method of claim 36, wherein the juvenoid is pyriproxyfen or hydroprene.

41. A method for protecting an interior area from cockroach or cricket infestation and/or treating an interior surface having an infestation of cockroaches or crickets to substantially eliminate the infestation, which method comprises:
    a. identifying an interior area to be treated; and
    b. applying a pesticide concentrate to the interior area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% and about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
42. The method of claim 41, wherein the pesticide concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of interior surface area treated.
43. The method of claim 41, wherein the pesticide composition further comprises a cockroach adulticide insecticide.

44. The method of claim 41, wherein application of the pesticide concentrate comprises spraying the interior area requiring pest control with the concentrate.
45. The method of claim 41, wherein the concentrate is applied by spot treating the interior surface location.
46. The method of claim 41, wherein the juvenoid is pyriproxyfen or hydroprene.

47. A method for protecting a structure from cockroach or cricket infestation and/or treating a structure having an infestation of cockroaches or crickets to substantially eliminate the infestation, which method comprises:
    a. identifying a perimeter surrounding the foundation of the structure to be treated;
    b. applying a pesticide concentrate to the perimeter, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
48. The method of claim 47, wherein the perimeter comprises an area from about 1 to about 5 feet adjacent to all sides of the structure.
49. The method of claim 47, wherein the pesticide concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of identified surface area to be treated.
50. The method of claim 47, wherein the concentrate is applied at a height of from about 1 to about 5 feet from the foundation of the structure.
51. The method of claim 47, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
52. The method of claim 47, wherein the juvenoid is pyriproxyfen or hydroprene.

53. A method for protecting a food or non-food warehouse from pest infestation and/or treating a warehouse having an infestation of pests to substantially eliminate the infestation, which method comprises:
    a. identifying an interior location of the warehouse to be treated; and
    b. applying a pesticide concentrate to the identifies area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
54. The method of claim 53, wherein the pesticide concentrate is applied in an amount of about 0.5 to 3 gallons per 500 to 2,000 square feet of identified surface area to be treated.
55. The method of claim 53, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
56. The method of claim 53, wherein application of the pesticide concentrate comprises spot treating the identified location.
57. The method of claim 53, wherein application of the pesticide concentrate comprises fogging the identified location.
58. The method of claim 53, wherein the juvenoid is pyriproxyfen or hydroprene.
59. The method of claim 53, wherein the pests comprise moths selected from the group consisting of meal moths, rice moths, and tobacco moths; lesser grain borers; and beetles selected from the group consisting of red flour beetles, confused flour beetles, merchant grain beetles, saw-toothed grain beetles, warehouse beetles, cigarette beetles, and dermisted beetles.

60. A method for protecting a food-handling establishment from pest infestation and/or treating a food-handling establishment having an infestation of pests to substantially eliminate the infestation, which method comprises:
    a. identifying an interior location of the establishment to be treated; and
    b. applying a pesticide concentrate to the identified area, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
61. The method of claim 60, wherein the pesticide concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of interior location.
62. The method of claim 60, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
63. The method of claim 60, wherein application of the pesticide concentrate comprises spot treating the identified area requiring pest control with the concentrate.
64. The method of claim 60, wherein application of the pesticide concentrate comprises fogging the identified area requiring pest control with the concentrate.
65. The method of claim 60, wherein the juvenoid is pyriproxyfen or hydroprene.
66. The method of claim 60, wherein the pests comprise moths selected from the group consisting of meal moths, rice moths, and tobacco moths; lesser grain borers; and beetles selected from the group consisting of red flour beetles,

confused flour beetles, merchant grain beetles, saw-toothed grain beetles, warehouse beetles, cigarette beetles, and dermisted beetles.

67. A method for protecting an interior surface from ant infestation and/or treating an interior surface having an infestation of ants to substantially eliminate the infestation, which method comprises:
    a. identifying an interior surface location to be treated; and
    b. applying a pesticide concentrate to the identified location, the pesticide concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
68. The method of claim 67, wherein the pesticide concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of interior surface.
69. The method of claim 67, wherein the pesticide composition further comprises an adulticide insecticide.
70. The method of claim 67, wherein application of the pesticide concentrate comprises spraying the interior surface location with the concentrate.
71. The method of claim 67, wherein the juvenoid is pyriproxyfen or hydroprene.

72. A method for protecting a structure from ant infestation and/or treating a structure having an infestation of ants to substantially eliminate the infestation, which method comprises:
    a. identifying a perimeter surrounding the structure;

b. applying a pesticide concentrate to the perimeter, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

73. The method of claim 72, wherein the perimeter comprises an area from about 1 to about 5 feet adjacent to all sides of the structure.
74. The method of claim 72, wherein the concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of perimeter.
75. The method of claim 72, wherein application of the pesticide concentrate comprises spraying the perimeter with the concentrate.
76. The method of claim 72, wherein the juvenoid is pyriproxyfen or hydroprene.

77. A method for protecting an interior surface from flying pest infestation and/or treating an interior surface having an infestation of flying pests to substantially eliminate the infestation, which method comprises:
    a. identifying an interior surface location to be treated; and
    b. applying a pesticide concentrate to the interior area, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide

concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.

78. The method of claim 77, wherein the concentrate is applied in an amount from about 1 to 10 gallons per 1,500 square feet of interior surface area treated.
79. The method of claim 77, wherein the composition further comprises an adulticide insecticide.
80. The method of claim 77, wherein application of the pesticide concentrate comprises spraying the interior surface with the concentrate.
81. The method of claim 77, wherein the juvenoid is pyriproxyfen or hydroprene.
82. The method of claim 77, wherein flying pests comprise flies, moths, mosquitoes, gnats, and midges.

83. A method for protecting a structure from flying pest infestation and/or treating a structure having an infestation of ants to substantially eliminate the infestation, which method comprises:
    a. identifying a perimeter surrounding the structure;
    b. applying a pesticide concentrate to the perimeter, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
84. The method of claim 83, wherein the perimeter comprises an area from about 1 to about 10 feet adjacent to all sides of the structure.
85. The method of claim 83, wherein the concentrate is applied in an amount from about 0.5 to 3 gallons per 500 to 2,000 square feet of perimeter treated.

86. The method of claim 83, wherein application of the pesticide concentrate comprises spraying the perimeter with the concentrate.
87. The method of claim 83, wherein the juvenoid is pyriproxyfen or hydroprene.
88. The method of claim 83, wherein flying pests comprise flies, moths, mosquitoes, gnats, and midges.

89. A method for protecting crops from pest infestation and/or treating crops having an infestation of pests to substantially eliminate the infestation, which method comprises:
    a. identifying an area to be treated;
    b. applying a pesticide concentrate to the area, the concentrate comprising (1) a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide; and (2) an aqueous medium, wherein the pesticide composition is dispersed in the aqueous medium to form the pesticide concentrate comprising from about 0.005% to about 0.5% by weight of the active pesticides.
90. The method of claim 89, wherein the area comprises at least one acre of identified area to be treated.
91. The method of claim 89, wherein the pesticide concentrate is applied in an amount of up to about 20 gallons per acre of identified area to be treated.
92. The method of claim 89, wherein application of the pesticide concentrate comprises spraying the identified area requiring pest control with the concentrate.
93. The method of claim 92, wherein concentrate is sprayed by a sprayer selected from the group consisting of irrigation systems, row crop sprayers, trailed crop sprayers, low volume mist blowers, hydraulic sprayers, compressed air sprayers, and combinations thereof.
94. The method of claim 89, wherein the juvenoid is pyriproxyfen or hydroprene.

95. The method of claim 89, wherein the pests are selected from the group consisting of fleas, ants, cockroaches, beetles, earwigs, silverfish, crickets, spiders, centipedes, flies, midges, mosquitoes, gnats, moths, caterpillars, weevils, maggots, bedbugs, spiders, chiggers, cicadas, grasshoppers, root borers, stalk borers, vine borers, fruit borers, leafhoppers, fruitworms, mites, wasps, hornets, yellow jackets, bees, centipedes, millipedes, scorpions, pillbugs, sowbugs, and combinations thereof.

96. A method for making a pesticide concentrate for controlling fleas in interior locations, wherein the method comprises:
    a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron, wherein the composition comprises up to 70% by weight of total active pesticide;
    b. filling a mixing container between about one-quarter and about one-third full with water;
    c. measuring 1 ounce of composition per gallon of water;
    d. adding the pesticide composition to the container;
    e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate;
    f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.
97. The method of claim 96, wherein the juvenoid is pyriproxyfen or hydroprene.

98. A method for making a pesticide concentrate for controlling fleas in exterior locations, wherein the method comprises:
    a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid

selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;

b. filling a mixing container between about one-quarter and about one-third full with water;
c. measuring 1 ounce of composition per 5 to 15 gallons of water;
d. adding the pesticide composition to the container;
e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate; and
f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

99. The method of claim 98, wherein the juvenoid is pyriproxyfen or hydroprene.

100. A method for making a pesticide concentrate for controlling cockroaches in an interior and/or exterior location, wherein the method comprises:

a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;
b. filling a mixing container between about one-quarter and about one-third full with water;
c. measuring 2 ounces of composition per gallon of water;
d. adding the pesticide composition to the container;
e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate;
f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

101. The method of claim 100, wherein the juvenoid is pyriproxyfen or hydroprene.

102. A method for making a pesticide concentrate for controlling pests in interior and exterior locations, wherein the method comprises:

a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;

b. filling a mixing container between about one-quarter and about one-third full with water;

c. measuring 1.5 fluid ounces of composition per gallon of water;

d. adding the pesticide composition to the container;

e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate;

f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

103. The method of claim 102, wherein the juvenoid is pyriproxyfen or hydroprene.

104. A method for making a pesticide concentrate for controlling pests in crop farms, wherein the method comprises:

a. preparing a pesticide composition comprising active pesticides comprising from about 0.5% to about 69.5% by weight of a juvenoid selected from the group consisting of epofenonane, fenoxycarb, hydroprene, kinoprene, methoprene, pyriproxyfen, triprene, and combinations thereof; and from about 0.5% to about 69.5% by weight of a novaluron;

b. filling a mixing container between about one-quarter and about one-third full with water;

c. measuring an effective amount of composition per 5 to 15 gallons of water;
d. adding the pesticide composition to the container;
e. filling the container with the remaining water to prepare a desired volume of pesticide concentrate; and
f. agitating the pesticide concentrate, wherein the pesticide concentrate comprises from about 0.005% to about 0.5% by weight of the active pesticides.

105. The method of claim 104, wherein the juvenoid is pyriproxyfen or hydroprene.