

WHAT IS CLAIMED IS:

1. A pesticidal mixture comprising one or more mectins selected from the group consisting of abamectin and ivermectin and one or more pyrethroids selected from the group consisting of fenpropathrin, permethrin and pyrethrum.
2. The mixture of claim 1, further comprising C₈, 9, 10 fatty acids.
3. The mixture of claim 1, wherein the ratio of the one or more pyrethroids to the one or more mectins is from about 10:1 to about 1:10.
4. The mixture of claim 1, wherein the ratio of the one or more pyrethroids to the one or more mectins is from about 10:1 to about 1:1:1.
5. The mixture of claim 1, wherein the ratio of the one or more pyrethroids to the one or more mectins is from about 3.3:1 to about 1.3:1.
6. The mixture of claim 1, wherein the ratio of the one or more pyrethroids to the one or more mectins to C₈, 9, 10 fatty acids is selected from the group consisting of from about 10:1:1 to about 1:1:10, from about 10:1:1 to about 1:10:1, from about 1:10:1 to about 1:1:10, from about 10:10:1 to about 1:10:10, from about 10:10:1 to about 10:1:10 and from about 10:1:10 to about 1:10:10.
7. The mixture of claim 1, wherein the ratio of the one or more pyrethroids to the one or more mectins to C₈, 9, 10 fatty acids is from about 5:1.5:1 to about 2:1.5:1.
8. A method of controlling a mosquito comprising applying sequentially or concurrently an effective amount of a mixture of one or more mectins selected from abamectin and ivermectin and one or more pyrethroids selected from fenpropathrin, permethrin and pyrethrum to the mosquito or an area in need of mosquito control.

9. The method of claim 8, wherein the mixture further comprises C, 8, 9, 10 fatty acids.
10. The method of claim 8, wherein the ratio of the one or more pyrethroids to the one or more mectins is from about 10:1 to about 1:10.
11. The method of claim 8, wherein the ratio of the one or more pyrethroids to the one or more mectins is from about 10:1 to about 1:1:1.
12. The method of claim 8, wherein the ratio of the one or more pyrethroids to the one or more mectins is from about 3.3:1 to about 1.3:1.
13. The method of claim 8, wherein the ratio of the one or more pyrethroids to the one or more mectins to C8, 9, 10 fatty acids is selected from the group consisting of from about 10:1:1 to about 1:1:10, from about 10:1:1 to about 1:10:1, from about 1:10:1 to about 1:1:10, from about 10:10:1 to about 1:10:10, from about 10:10:1 to about 10:1:10 and from about 10:1:10 to about 1:10:10.
14. The method of claim 8, wherein the ratio of the one or more pyrethroids to the one or more mectins to C8, 9, 10 fatty acids is from about 5:1.5:1 to about 2:1.5:1.
15. The method of claim 9, wherein the mosquito is of a genera selected from the group consisting of *Culex*, *Aedes*, *Anopheles* and a combination thereof.
16. The method of claim 8, wherein the mosquito is selected from the group consisting of *Aedes aegypti*, *Culex quinquefasciatus*, *Anopheles quadrimaculatus* and a combination thereof.
17. The method of claim 8, wherein the mosquito is pyrethroid-resistant.
18. The method of claim 8, wherein the area in need of pest control is a bed net, a tent or an item of clothing.
19. The method of claim 8, wherein the control is residual.

20. The method of claim 8, wherein the mixture is applied by a technique selected from spraying, brushing and soaking.