We claim:

1. A non-aqueous pesticidal macrolide composition comprising: (i) A major amount of at least one non-aqueous solvent selected from a glycol ether and a lactimide; (ii) at least 7% by weight of at least one pesticide selected from abamectin and emamectin benzoate, and (iii) optionally, at least one surfactant.

2. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one non-aqueous solvent is a glycol ether selected from at least one dialkyleneglycol monoalkyl ether.

3. The non-aqueous pesticidal macrolide composition of claim 2, wherein the dialkyleneglycol monoalkyl ether is a dipropylene glycol monomethyl ether isomer mixture.

4. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one non-aqueous solvent is a lactimide selected from at least one dialkyl lactimide.

5. The non-aqueous pesticidal macrolide composition of claim 4, wherein the dialkyl lactimide is dimethyl lactamide.

6. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one non-aqueous solvent is a mixture of dimethyl lactamide and at least one dipropylene glycol monomethyl ether.

7. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one pesticide is present in the composition in an amount of from 7 to 15% w/v.

8. The non-aqueous pesticidal macrolide composition of claim 6, wherein the at least one pesticide is present in the composition in an amount of from 8 to 10% w/v.

9. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one pesticide is abamectin.

10. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one pesticide is emamectin benzoate.

11. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one surfactant is selected from a non-ionic surfactant.

12. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one surfactant is selected from an anionic surfactant.

13. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one surfactant is selected from a mixture of anionic and non-ionic surfactants.

14. The non-aqueous pesticidal macrolide composition of claim 11, wherein the non-ionic surfactant is selected from at least one tristyrylphenolethoxylate having an average of 16 to 60 oxyethylene units.

15. The non-aqueous pesticidal macrolide composition of claim 12, wherein the anionic surfactant is selected from at least one sulfated or phosphated tristylphenolethoxylates having an average of 6 to 20 and salts thereof.

16. A method of controlling arthropod or nematode pests in trees which comprises injecting into the trunk of a tree an effective amount of a composition according to claim 1.

We claim:

1. A non-aqueous pesticidal macrolide composition comprising: (i) A major amount of at least one non-aqueous solvent selected from a dialkyleneglycol monoalkyl ether; (ii) at least 7% by weight of emamectin benzoate, and (iii) optionally, at least one surfactant.

2. The non-aqueous pesticidal macrolide composition of claim 1, wherein the dialkyleneglycol monoalkyl ether is a dipropylene glycol monomethyl ether isomer mixture.

3. The non-aqueous pesticidal macrolide composition of claim 1, wherein the emamectin benzoate is present in the composition in an amount of from 7 to 15% w/v.

4. The non-aqueous pesticidal macrolide composition of claim 3, wherein the emamectin benzoate is present in the composition in an amount of from 8 to 10% w/v.

5. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one surfactant is selected from a non-ionic surfactant.

6. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one surfactant is selected from an anionic surfactant.

7. The non-aqueous pesticidal macrolide composition of claim 1, wherein the at least one surfactant is selected from a mixture of anionic and non-ionic surfactants.

8. The non-aqueous pesticidal macrolide composition of claim 11, wherein the non-ionic surfactant is selected from at least one tristyrylphenolethoxylate having an average of 16 to 60 oxyethylene units.

9. The non-aqueous pesticidal macrolide composition of claim 12, wherein the anionic surfactant is selected from at least one sulfated or phosphated tristyrylphenolethoxylates having an average of 6 to 20 and salts thereof.

10. A method of controlling arthropod or nematode pests in trees which comprises injecting into the trunk of a tree an effective amount of a composition according to claim 1.