What is claimed:

1. An emulsifiable herbicide concentrate composition comprising:

a) from about 25 gram per liter (g/L) to about 225 g/L, with respect to the composition, of an aryloxyphenoxypropionic acid herbicide;

b) from about 600 g/L to about 950 g/L, with respect to the composition, of a non-petroleum derived built-in adjuvant; and

c) from about 10 g/L to about 150 g/L, with respect to the composition, of a surfactant comprising.

wherein the weight ratio of the herbicide to the non-petroleum derived built-in adjuvant is from about 1:3 to about 1:33.

2. The composition of claim 1, wherein the aryloxyphenoxypropionic acid herbicide is cyhalofop-butyl, fenoxaprop-ethyl, fluazifop-P-butyl, haloxyfop-methyl, haloxyfop-R-methyl, metamifop, propaquizafop, quizalofop-P-ethyl, or quizalofop-P-tefuryl.

3. The composition of claim 1, wherein the aryloxyphenoxypropionic acid herbicide is cyhalofop-butyl.

4. The composition of claim 1, wherein the composition comprises from about 25 g/L to about 150 g/L, with respect to the composition, of the aryloxyphenoxypropionic acid.

5. The composition of claim 1 further comprising one or more additional inert ingredients.

6. The composition of claim 1, wherein the non-petroleum derived built-in adjuvant is at least one of a plant, algae or animal derived oil or a C_1-C_{10} ester of a plant, algae or animal derived oil.

7. The composition of claim 6, wherein the C_1-C_{10} ester of a plant, algae or animal derived oil is methyl soyate.

8. The composition of claim 1, wherein the composition comprises from about 600 g/L to about 850 g/L of the non-petroleum derived built in adjuvant.

9. The composition of claim 1, wherein the surfactant is an alkyl sulfate salt, alkylarylsulfonate salt, alkylphenol-alkylene oxide addition product, soap, alkylnaphthalene-sulfonate salt, salt of a dialkyl ester of a sulfosuccinate, sorbitol ester, quaternary amine, polyethylene glycol ester of a fatty acid, block copolymer of ethylene oxide and propylene oxide, salt of a mono or dialkyl phosphate ester, or a mixture thereof.

10. The composition of claim 1, wherein the composition comprises from about 50 g/L to about 150 g/L of the surfactant.

11. The composition of claim 1 wherein the weight ratio of the herbicide to the non-petroleum derived built-in adjuvant is from about 1:4 to about 1:33.

12. The composition of claim 1, wherein:

(A) the aryloxyphenoxypropionic acid herbicide is cyhalofop-butyl, fenoxaprop-ethyl, fluazifop-P-butyl, haloxyfop-methyl, haloxyfop-R-methyl, metamifop, propaquizafop, quizalofop-P-ethyl, or quizalofop-P-tefuryl;

(B) the non-petroleum derived built-in adjuvant is at least one of a plant, algae or animal derived oil or a C_1-C_{10} ester of a plant, algae or animal derived oil; and

(C) the surfactant is an alkyl sulfate salt, alkylarylsulfonate salt, alkylphenol-alkylene oxide addition product, soap, alkylnaphthalene-sulfonate salt, salt of a dialkyl ester of a sulfosuccinate, sorbitol ester, quaternary amine, polyethylene glycol ester of a fatty acid, block copolymer of ethylene oxide and propylene oxide, salt of a mono or dialkyl phosphate ester, or a mixture thereof

13. The composition of claim 1, wherein the aryloxyphenoxypropionic acid herbicide is cycholfop butyl; the non-petroleum derived built-in adjuvant is methyl soyate; and the surfactant is polyglycol 26-2.

14. The composition of claim 1, further comprising one or more additional pesticide active ingredients.

15. The composition of claim 1, further comprising a herbicide safener.

16. A method of controlling undesirable vegetation comprising contacting the undesirable vegetation or the area adjacent thereof with the concentrate of claim 1 or a dilution thereof.

17. A method of controlling undesirable vegetation in an aquatic environment comprising

(A) spraying foliage with the composition of claim 1 or dilution thereof or

(B) pouring or adding the composition of claim 1 to the aquatic environment.

18. The method of claim 17, wherein the aquatic environment is a flooded rice paddy or field.

19. The method of claim 17, wherein (A) or (B) is performed before emergence of the undesirable vegetation.

20. The method of claim 17, wherein (A) or (B) is performed after the emergence of the undesirable vegetation.

What is claimed:

1. A herbicidal composition comprising:

a) from about 25 gram per liter (g/L) to about 225 g/L, with respect to the composition, of an aryloxyphenoxypropionic acid herbicide;

b) from about 600 g/L to about 950 g/L, with respect to the composition, of a non-petroleum derived built-in adjuvant; and

c) from about 10 g/L to about 150 g/L, with respect to the composition, of a surfactant;

wherein the weight ratio of the herbicide to the non-petroleum derived built-in adjuvant is from about 1:3 to about 1:33, and wherein the composition is an emulsifiable concentrate.

2. The composition of claim 1, wherein the aryloxyphenoxypropionic acid herbicide is cyhalofop-butyl, fenoxaprop-ethyl, fluazifop-P-butyl, haloxyfop-methyl, haloxyfop-R-methyl, metamifop, propaquizafop, quizalofop-P-ethyl, or quizalofop-P-tefuryl.

3. The composition of claim 1, wherein the aryloxyphenoxypropionic acid herbicide is cyhalofop-butyl.

4. The composition of claim 1, wherein the composition comprises from about 25 g/L to about 150 g/L, with respect to the composition, of the aryloxyphenoxypropionic acid herbicide.

5. The composition of claim 1, further comprising one or more additional inert ingredients.

6. The composition of claim 1, wherein the non-petroleum derived built-in adjuvant is at least one of a plant, algae or animal derived oil or a C1-C10 ester of a plant, algae or animal derived oil.

7. The composition of claim 6, wherein the Cl-C10 ester of a plant, algae or animal derived oil is methyl soyate.

8. The composition of claim 1, wherein the composition comprises from about 600 g/L to about 850 g/L of the non-petroleum derived built-in adjuvant.

9. The composition of claim 1, wherein the surfactant is an alkyl sulfate salt, alkylarylsulfonate salt, alkylphenol-alkylene oxide addition product, soap, alkylnaphthalene-sulfonate salt, salt of a dialkyl ester of a sulfosuccinate, sorbitol ester, quaternary amine, polyethylene glycol ester of a fatty acid, block copolymer of ethylene oxide and propylene oxide, salt of a mono or dialkyl phosphate ester, or a mixture thereof.

10. The composition of claim 1, wherein the composition comprises from about 50 g/L to about 150 g/L of the surfactant.

11. The composition of claim 1, wherein the weight ratio of the herbicide to the non-petroleum derived built-in adjuvant is from about 1:4 to about 1:33.

12. The composition of claim 1, wherein:

(A) the aryloxyphenoxypropionic acid herbicide is cyhalofop-butyl, fenoxaprop-ethyl, fluazifop-P-butyl, haloxyfop-methyl, haloxyfop-R-methyl, metamifop, propaquizafop, quizalofop-P-ethyl, or quizalofop-P-tefuryl;

(B) the non-petroleum derived built-in adjuvant is at least one of a plant, algae or animal derived oil or a C1-C10 ester of a plant, algae or animal derived oil; and

(C) the surfactant is an alkyl sulfate salt, alkylarylsulfonate salt, alkylphenol-alkylene oxide addition product, soap, alkylnaphthalene-sulfonate salt, salt of a dialkyl ester of a sulfosuccinate, sorbitol ester, quaternary amine, polyethylene glycol ester of a fatty acid, block copolymer of ethylene oxide and propylene oxide, salt of a mono or dialkyl phosphate ester, or a mixture thereof.

13. The composition of claim 1, wherein the aryloxyphenoxypropionic acid herbicide is cyhalofop-butyl; the non-petroleum derived built-in adjuvant is methyl soyate; and the surfactant is polyglycol 26-2.

14. The composition of claim 1, further comprising one or more additional pesticide active ingredients.

15. The composition of claim 1, further comprising a herbicide safener.

16. A method of controlling undesirable vegetation comprising contacting the undesirable vegetation or the area adjacent thereof with the composition of claim 1 or a dilution thereof.

17. A method of controlling undesirable vegetation in an aquatic environment comprising:

(A) spraying foliage with the composition of claim 1 or dilution thereof or

(B) pouring or adding the composition of claim 1 to the aquatic environment.

18. The method of claim 17, wherein the aquatic environment is a flooded rice paddy or field.

19. The method of claim 17, wherein (A) or (B) is performed before emergence of the undesirable vegetation.

20. The method of claim 17, wherein (A) or (B) is performed after the emergence of the undesirable vegetation.