WHAT IS CLAIMED IS:

1. A herbicidal composition comprising three herbicidal active ingredients, wherein the first herbicidal active ingredient is bentazon-sodium, the second herbicidal active ingredient is an ALS inhibitor, and the third herbicidal active ingredient is an ACCase inhibitor.

2. The composition of claim 1, wherein the ALS inhibitor is penoxsulam, bispyribac-sodium, azimsulfuron, bensulfuron-methyl, chloransulam, cinosulfuron, diclosulam, ethoxysulfuron, flazasulfuron, florasulam, flumetsulam, halosulfuron-methyl, imazamox, imazethapyr, imazosulfuron, iofensulfuron, metazosulfuron, metsulfuron-methyl, orthosulfamuron, propyrisulfuron, pyrazosulfuron-ethyl, pyribenzoxim, pyriftalid, pyriminobac-methyl, pyrimisulfan, pyroxsulam or triafamone.

3. The composition of claim 1, wherein the ACCase inhibitor is cyhalofop-butyl, fenoxaprop-P-ethyl, clodinafop-propyrgyl, diclofop-methyl, fluazifop-P-butyl, haloxyfop-methyl, propaquizafop, quizalofop-P-ethyl, clethodim, cycloxydim, profoxydim, sethoxydim, tepraloxydim, tralkoxydim or pinoxaden.

4. The composition of claim 1, wherein ALS inhibitor is penoxsulam and the ACCase inhibitor is cyhalofop butyl.

5. The composition of claim 3, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) cyhalofop-butyl is (a) 50 – 150 to (b) 0.5 – 1.5 to (c) 4 – 40.

6. The composition of claim 3, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) cyhalofop-butyl is (a) 70 – 90 to (b) 1 to (c) 8 – 23.

7. The composition of claim 1, wherein the ALS inhibitor is penoxsulam and the ACCase inhibitor is fenoxaprop-P-ethyl.

8. The composition of claim 6, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) fenoxaprop-P-ethyl is (a) 50 – 100 to (b) 0.5 – 1.5 to (c) 0.5 – 1.5.

9. The composition of claim 6, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) fenoxaprop-P-ethyl is (a) 75 to (b) 1 to (c) 1.

10. The composition of claim 1, wherein the ALS inhibitor is bispyribac-sodium and the ACCase inhibitor is cyhalofop-butyl.

11. The composition of claim 9, wherein the weight ratio of (a) bentazon-sodium to (b) bispyribac-sodium to (c) cyhalofop-butyl is (a) 25 to 75 (b) 0.5 – 1.5 to (c) 10 – 20.

12. The composition of claim 9, wherein the weight ratio of (a) bentazon-sodium to (b) bispyribac-sodium to (c) cyhalofop-butyl is (a) 56 to (b) 1 to (c) 19.

13. The composition of claim 1, further comprising an agriculturally acceptable adjuvant or carrier.

14. A method of controlling undesirable vegetation comprising contacting the vegetation or the locus thereof with or applying to the soil or water to prevent the emergence or growth of vegetation a herbicidally effective amount of the composition of claim 1.

15. A method of controlling undesirable vegetation comprising contacting the vegetation or the locus thereof with or applying to the soil or water to prevent the emergence or growth of vegetation a herbicidally effective amount of three herbicidal active ingredients, wherein the first herbicidal active ingredient is bentazon-sodium, the second herbicidal active ingredient is an ALS inhibitor, and the third herbicidal active ingredient is an ACCase inhibitor.

16. The method of claim 14, wherein:

(a) the ALS inhibitor is penoxsulam, bispyribac-sodium, azimsulfuron, bensulfuron-methyl, chloransulam, cinosulfuron, diclosulam, ethoxysulfuron, flazasulfuron, florasulam, flumetsulam, halosulfuron-methyl, imazamox, imazethapyr, imazosulfuron, iofensulfuron, metazosulfuron, metsulfuron-methyl, orthosulfamuron, propyrisulfuron, pyrazosulfuron-ethyl, pyribenzoxim, pyriftalid, pyriminobac-methyl, pyrimisulfan, pyroxsulam or triafamone; and

(b) the ACCase inhibitor is cyhalofop-butyl, fenoxaprop-P-ethyl, clodinafop-propyrgyl, diclofop-methyl, fluazifop-P-butyl, haloxyfop-methyl, propaquizafop, quizalofop-P-ethyl, clethodim, cycloxydim, profoxydim, sethoxydim, tepraloxydim, tralkoxydim or pinoxaden.

17. The method of claim 14, wherein the ALS inhibitor is penoxsulam or bispyribac-sodium and the ACCase inhibitor is cyhalofop-butyl or fenoxaprop-P-ethyl.

18. The method of claim 14, wherein ALS inhibitor is penoxsulam and the ACCase inhibitor is cyhalofop butyl.

19. The method of claim 14, wherein the ALS inhibitor is penoxsulam and the ACCase inhibitor is fenoxaprop-P-ethyl.

20. The method of claim 14, wherein the ALS inhibitor is bispyribac-sodium and the ACCase inhibitor is cyhalofop-butyl.

21. The method of claim 14, wherein the undesirable vegetation is controlled in the presence of rice crops.

CLAIMS

1. A syngergistic herbicidal composition comprising three herbicidal active ingredients, wherein the herbicidal active ingredients consist of bentazon-sodium, an ALS inhibitor, and an ACCase inhibitor.

2. The composition of claim 1, wherein the ALS inhibitor is penoxsulam, bispyribac-sodium, azimsulfuron, bensulfuron-methyl, chloransulam, cinosulfuron, diclosulam, ethoxysulfuron, flazasulfuron, florasulam, flumetsulam, halosulfuron-methyl, imazamox, imazethapyr, imazosulfuron, iofensulfuron, metazosulfuron, metsulfuron-methyl, orthosulfamuron, propyrisulfuron, pyrazosulfuron-ethyl, pyribenzoxim, pyriftalid, pyriminobac-methyl, pyrimisulfan, pyroxsulam or triafamone.

3. The composition of claim 1, wherein the ACCase inhibitor is cyhalofop-butyl, fenoxaprop-P-ethyl, clodinafop-propyrgyl, diclofop-methyl, fluazifop-P-butyl, haloxyfop-methyl, propaquizafop, quizalofop-P-ethyl, clethodim, cycloxydim, profoxydim, sethoxydim, tepraloxydim, tralkoxydim or pinoxaden.

4. The composition of claim 1, wherein the ALS inhibitor is penoxsulam and the ACCase inhibitor is cyhalofop butyl.

5. The composition of claim 4, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) cyhalofop-butyl is (a) 50 – 150 to (b) 0.5 – 1.5 to (c) 4 – 40.

6. The composition of claim 4, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) cyhalofop-butyl is (a) 70 – 90 to (b) 1 to (c) 8 – 23.

7. The composition of claim 1, wherein the ALS inhibitor is penoxsulam and the ACCase inhibitor is fenoxaprop-P-ethyl.

8. The composition of claim 7, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) fenoxaprop-P-ethyl is (a) 50 – 100 to (b) 0.5 – 1.5 to (c) 0.5 – 1.5.

9. The composition of claim 7, wherein the weight ratio of (a) bentazon-sodium to (b) penoxsulam to (c) fenoxaprop-P-ethyl is (a) 75 to (b) 1 to (c) 1.

10. The composition of claim 1, wherein the ALS inhibitor is bispyribac-sodium and the ACCase inhibitor is cyhalofop-butyl.

11. The composition of claim 10, wherein the weight ratio of (a) bentazon-sodium to (b) bispyribac-sodium to (c) cyhalofop-butyl is (a) 25 – 75 to (b) 0.5 – 1.5 to (c) 10 – 20.

12. The composition of claim 10, wherein the weight ratio of (a) bentazon-sodium to (b) bispyribac-sodium to (c) cyhalofop-butyl is (a) 56 to (b) 1 to (c) 19.

13. The composition of claim 1, further comprising an agriculturally acceptable adjuvant or carrier.

14. A method of controlling undesirable vegetation comprising contacting the vegetation or the locus thereof with or applying to ~~the~~ soil or water to prevent the emergence or growth of vegetation a herbicidally effective amount of the composition of claim 1.

15. A method of controlling undesirable vegetation comprising contacting the vegetation or the locus thereof with or applying to the soil or water to prevent the emergence or growth of vegetation a herbicidally effective amount of three herbicidal active ingredients, wherein the herbicidal active ingredients consist of bentazon-sodium, an ALS inhibitor, and an ACCase inhibitor.

16. The method of claim 15, wherein:

(a) the ALS inhibitor is penoxsulam, bispyribac-sodium, azimsulfuron, bensulfuron-methyl, chloransulam, cinosulfuron, diclosulam, ethoxysulfuron, flazasulfuron, florasulam, flumetsulam, halosulfuron-methyl, imazamox, imazethapyr, imazosulfuron, iofensulfuron, metazosulfuron, metsulfuron-methyl, orthosulfamuron, propyrisulfuron, pyrazosulfuron-ethyl, pyribenzoxim, pyriftalid, pyriminobac-methyl, pyrimisulfan, pyroxsulam or triafamone; and

(b) the ACCase inhibitor is cyhalofop-butyl, fenoxaprop-P-ethyl, clodinafop-propyrgyl, diclofop-methyl, fluazifop-P-butyl, haloxyfop-methyl, propaquizafop, quizalofop-P-ethyl, clethodim, cycloxydim, profoxydim, sethoxydim, tepraloxydim, tralkoxydim or pinoxaden.

17. The method of claim 15, wherein the ALS inhibitor is penoxsulam or bispyribac-sodium and the ACCase inhibitor is cyhalofop-butyl or fenoxaprop-P-ethyl.

18. The method of claim 15, wherein the ALS inhibitor is penoxsulam and the ACCase inhibitor is cyhalofop butyl.

19. The method of claim 15, wherein the ALS inhibitor is penoxsulam and the ACCase inhibitor is fenoxaprop-P-ethyl.

20. The method of claim 15, wherein the ALS inhibitor is bispyribac-sodium and the ACCase inhibitor is cyhalofop-butyl.

21. The method of claim 15, wherein the undesirable vegetation is controlled in the presence of rice crops.

22. A syngergistic herbicidal composition comprising three herbicidal active ingredients, wherein the herbicidal active ingredients consist of bentazon-sodium, an ALS inhibitor, and an ACCase inhibitor, wherein

(a) the ALS inhibitor is penoxsulam and the ACCase inhibitor is cyhalofop butyl, and the weight ratio of bentazon-sodium : penoxsulam : cyhalofop-butyl is 70 – 90 : 1 : 8 – 23;

(b) the ALS inhibitor is penoxsulam, the ACCase inhibitor is fenoxaprop-P-ethyl, and the weight ratio of bentazon-sodium : penoxsulam : fenoxaprop-P-ethyl is 75 : 1 : 1; or

(c) the ALS inhibitor is bispyribac-sodium, the ACCase inhibitor is cyhalofop-butyl, and the weight ratio of bentazon-sodium : bispyribac-sodium : cyhalofop-butyl is 56 : 1 : 19.