

P50749EP_amended claims_240216/Pw/ek, Dow AgroSciences LLC

1

~~European Patent Application No. 12 803 265.3 1454~~

~~Applicant: Dow AgroSciences LLC~~

~~AMENDED CLAIMS~~

- 5 1. A synergistic herbicidal composition comprising a herbicidally effective amount of (a) penoxsulam and (b) pendimethalin, wherein the weight ratio of pendimethalin to penoxsulam on an active ingredient (ai) basis is between 320:1 and 3:1.
- 10 2. The composition of claim 1, wherein the weight ratio of pendimethalin to penoxsulam on an active ingredient (ai) basis is between 224:1 and 3:1.
- 15 3. The composition of claim 1, wherein the weight ratio of pendimethalin to penoxsulam on an active ingredient (ai) basis is between 55:1 and 17:1.
4. The composition of claim 1, further comprising an agriculturally acceptable adjuvant or carrier.
- 20 5. A method of controlling undesirable vegetation which comprises contacting the vegetation or the locus thereof with a herbicidally effective amount the composition of claim 1.
- 25 6. The method of claim 5, wherein the composition is applied at an application rate between 130 gai/ha and 2290 gai/ha.

2

7. The method of claim 5, wherein the composition is applied at an application rate between 180 gai/ha and 1730 gai/ha.

8. The method of claim 5, wherein the pendimethalin is applied at a rate between 500 gai/ha and 1100 gai/ha and the penoxsulam is applied at a rate between 10 gai/ha and 40 gai/ha.

9. The method of claim 5, wherein the undesirable vegetation is alligator weed, morning glory, coffeeweed, junglerice, saramollagrass, or blackgrass.

10. A method of controlling undesirable vegetation in a crop, comprising contacting the vegetation or the locus thereof with a herbicidally effective amount the composition of claim 1, wherein the crop is rice, cereal, grain, turf, industrial vegetation management (IVM), sugar cane or tree and vine orchard.

11. The method of claim 10 in which the composition of claim 1 is applied preemergence to the undesirable vegetation.