CLAIMS

1. A method for controlling or suppressing abiotic stress in warm-season turfgrass, comprising applying to the turfgrass or to the locus of the turfgrass, a turf quality improving amount of a composition comprising acibenzolar-S-methyl and trinexapac-ethyl between ~~about~~ 3 and 15 times at intervals of from 7 to 21 days, wherein the acibenzolar-S-methyl is applied at a rate between 32 and 96 g/ha and the trinexapac-ethyl is applied at a rate between 64 and 140 g/ha.

2. The method of claim 1, wherein the warm season turfgrass is Bermudagrass.

3. The method of claim 1, wherein the warm-season turfgrass is Zoysiagrass.

4. The method of claim 1, wherein the composition further comprises adjuvants, solvents, carrier, surfactants or extenders.

5. The method according to claim 4, wherein the composition comprises from 0.01 to 90% by weight of the acibenzolar-S-methyl and from 0 to 20% of a surfactant.

6. The method of any one of claims 1 to 5, wherein acibenzolar-S-methyl is applied at the rate of from 32 to 64 g/ha.

7. The method according any one of claims 1 to 6, wherein the abiotic stress relates to drought conditions.