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(54) Title: ORGANOSULFUR COMPOUNDS AS PLANT BIOSTIMULANTS

(57) Abstract: The disclosure relates to organosulfur containing compositions, in particular di-n-propyl thiosulfonate (PTSO) and di-n-propyl thiosulfinate (PTS), di-methyl thiosulfonate, di-phenyl thiosulfonate. Such compositions are useful for as biostimulants for plants. In particular such compositions may result in increased nutrient use efficiency, increased tolerance to abiotic stress, and/or improved quality characteristics. Compositions comprising said organosulfur compounds are also provided for agricultural use.