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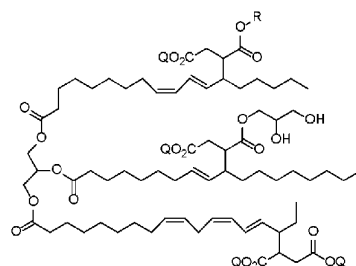
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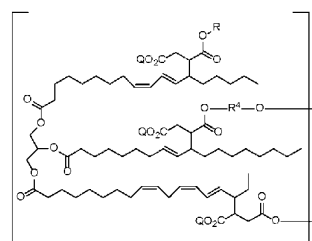
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SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ,(54) Title: HYDROPHOBIC AND HYDROPHILIC MODIFIED MALEATED NATURAL OILS, SALTS AND ITS AGRICULTURAL
COMPOSITIONS AND METHODS OF USE

(I)



(II)

(57) **Abstract:** The present invention provides agricultural compositions comprising a reaction product of (a) a maleated natural oil, comprising a natural oil with maleated functionality; and (b) a base. The present invention also provides agricultural compositions comprising a reaction product of (a) a maleated natural oil with maleated functionality; (b) a base; and (c) a functionalized or unfunctionalized moiety selected from the group consisting of hydrophobic moieties, hydrophilic moieties, and combinations thereof. Additionally, the present invention provides compositions comprising a reaction product of (a) a maleated natural oil with maleated functionality; (b) a functionalized or unfunctionalized moiety selected from the group consisting of hydrophobic moieties, hydrophilic moieties, and combinations thereof and (c) a base to form a reaction product of structure (I) or (II); wherein $1 < n < 30$; wherein R is one or more hydrophilic or hydrophobic moiety selected from the group consisting of unsubstituted or substituted alkyl, cycloalkyl, alkenyl, aryl and alkaryl moieties, with or without heteroatoms, containing from about 1 to about 36 carbon atoms; wherein R^4 is one or more hydrophilic or hydrophobic moiety selected from the group consisting of unsubstituted or substituted alkylene, cycloalkylene, alkenylene, arylene and alkylene moieties, with or without heteroatoms, containing from about 2 to about 60 carbon atoms; and wherein each Q is independently selected from the group consisting of H, Li, Na, K, Rb, Cs, Fr, $\frac{1}{2}$ Mg, $\frac{1}{2}$ Ca, $\frac{1}{2}$ Co, $\frac{1}{2}$ Cu, $\frac{1}{2}$ Zn, ammonium, alkylammonium, dialkylammonium, trialkylammonium and tetraalkylammonium.

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