

SUGAR MOVER ENHANCES CROP PERFORMANCE, AND BIOTIC/ABIOTIC TOLERANCE OF PLANTS

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ABSTRACT

Sugar Mover is a commercial product for enhancing photosynthate partitioning and acquisition in the plant. Results indicate an increase in carbon fixation and an increase in sugar transport from leaves to the sink tissues. Application of Sugar Mover can also adjust the hormone balance during the various stages of growth, resulting in a more desirable architecture of the crop plant. Evidence suggests that Sugar Mover may influence hormone synthesis downstream of the MEP pathway, resulting in altered ABA:GA ratios.

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