Repeated measurements designs for two-crop systems*

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Abstract

A new class of repeated measurements designs (RMD) has been introduced for estimating the direct and residual effects of the applied treatments in two-crop system; to be abbreviatively called as RMD-2C. A suitable criterion for balanced RMD-2C has been defined by specifying sufficient conditions, which enable the estimation of elementary contrasts of the direct effects and first order residual effects of the two sets of applied treatments in the experiment, with equal variances. A list of constructed repeated measurements designs for two-crop system (RMD–2C) along with design plans has been given for ready reference and use.

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