

LIST OF ABBREVIATION

γ -rays	:	Gamma rays
kR	:	kilo Roentgen
LD ₅₀	:	Lethal dose
<i>cv.</i>	:	Cultivar
Gy	:	Gray
%	:	Percent
Σ	:	Sum
⁰ C	:	Degree centigrade
cm	:	Centimetre
g	:	gram
ANOVA	:	Analysis of variance
>	:	Greater than
<	:	Less than
<i>et al.</i>	:	And other
<i>eg</i>	:	For Example
<i>viz.</i>	:	Namely
<i>ie.</i>	:	That is
Fig.	:	Figure
CV	:	Coefficient of Variation
CD	:	Critical difference
d f	:	Degrees of freedom
GM	:	Grand mean
S S	:	Sum of squares
SE	:	Standard error
SEd	:	Standard error of difference
RSS	:	Replication of sum squares

TrSS	:	Treatment sum of squares
MSS	:	Mean of sum squares
t	:	Number of treatments
TSS	:	Total sum of squares
RBD	:	Randomized Block Design
CRD	:	Complete Randomized Design
GCV	:	Genotypic coefficient of variation
PCV	:	Phenotypic coefficient of variation
h^2	:	Heritability
GCCV	:	Genotypic correlation coefficient of variation
PCCV	:	Phenotypic correlation coefficient of variation
Re	:	Residual effect
NS	:	Non Significant
ISTA	:	International Seed Testing Association
M C	:	Moisture content
R. H.	:	Relative Humidity
SVI	:	Seed Vigour index
M_1	:	First Mutant generation
M_2	:	Second Mutant generation
M_3	:	Third Mutant generation