

Kurumbapalayam (Po), Coimbatore – 641 107



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Topic: 2.10 – Latin Square Design

A variable trail was conducted on wheat with Jour varieties will destin square design the low of the experiment and the yield yes quiren below andere the out

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×,	5		6	6	8	25	9	10 10 2
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								9 0
			I.	- 5	-7	9	0	1/25
19	0	- 4	-1	-71	-12	36	44	11/21

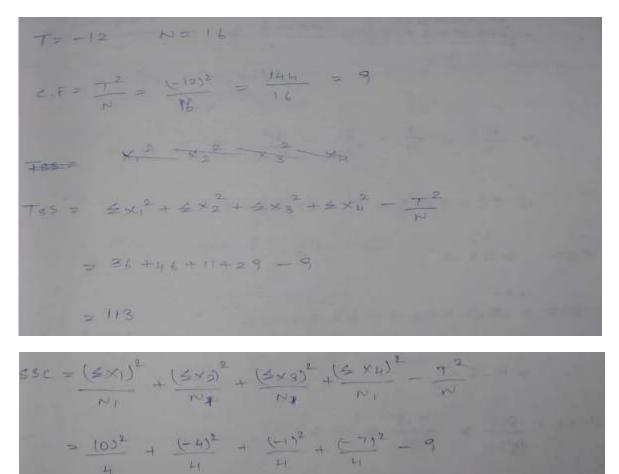


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20+4+0.25+12.25-9

SC 2 7.5



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SSE = (5 × 1) $+\left(\underbrace{\leq \forall 2}_{W_2}^{L}+\underbrace{\leq \forall 2}_{W_2}^{L}+\underbrace{\leq \forall 2}_{W_2}^{L}+\underbrace{\leq \forall 4}_{W_2}^{L}\right)^{L}$ Ť $\frac{(-3)^2}{+} + \frac{(-10)^2}{+} + \frac{(-7)^2}{+}$ 25 +12.25 9 16 + 2.25 CGE = 46-5

$$SST = \frac{A^2}{N_3} + \frac{A^2}{P_3} + \frac{A^2}{N_3} + \frac{A^2}{N_3} + \frac{A^2}{N_3} - \frac{1}{N}$$

$$= \frac{(20+40+5)^2}{N} + \frac{(23+12)^2}{L_1} + \frac{(5+0+140)^2}{N} + \frac{(-3-1+3+0)^2}{L_1} - 9$$

$$= \frac{14u}{L_1} + \frac{1}{L_1} + \frac{34}{L_1} + \frac{149}{L_1} - 9$$

$$= 36+0.25 + 9 + 12.25 - 9$$

$$= 557 = 415.5$$



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555 = 7.5 -46.5 - 45.5 = 10.5 MSC = SSC = (MET) $\frac{46.5}{3} = 15.5$ MSE - SSE -K-1 NIST = 415-5 = <u>hs.s</u> = 16.66

