

Supplementary material file: F_{3a}

Abbreviations of studied traits: DFB = Days to first bud, FFD = Days to first flower, DFBO = Days to first boll opening, BPP = Bolls per plant, SBP = Sympodial branches per plant, MBP = Monopodial branches per plant, PH = Plant height, PP = Plant population, YPP Cotton yield per plant, BW = Boll weight, GOT = Ginning turn out, SL = Staple length, FF = Fibre fineness, FS = Fibre strength
sown = date of sowing (1=1March, 2= 1May), tret = tillage treatments (1= zero tillage, 2 = minimum tillage, 3 = conventional tillage)

LSD All-Pairwise Comparisons Test of BPP for gen

gen Mean Homogeneous Groups

FH-114 31.778 A

FH-142 28.130 B

Alpha 0.05 Standard Error for Comparison 0.0975

LSD All-Pairwise Comparisons Test of BPP for sown

sown Mean Homogeneous Groups

2 31.630 A

1 28.278 B

Alpha 0.05 Standard Error for Comparison 0.2001

LSD All-Pairwise Comparisons Test of BPP for tret

tret Mean Homogeneous Groups

3 33.195 A

1 29.667 AB

2 27.000 B

Alpha 0.05 Standard Error for Comparison 0.9752

LSD All-Pairwise Comparisons Test of BW for gen

gen Mean Homogeneous Groups

FH-142 4.8909 A

FH-114 4.8128 A

Alpha 0.05 Standard Error for Comparison 0.2013

LSD All-Pairwise Comparisons Test of BW for sown

sown Mean Homogeneous Groups

2 4.9581 A

1 4.7456 B

Alpha 0.05 Standard Error for Comparison 0.0184

LSD All-Pairwise Comparisons Test of BW for tret

tret Mean Homogeneous Groups

1 5.3167 A

3 4.7855 B

2 4.4533 B

Alpha 0.05 Standard Error for Comparison 0.0654

LSD All-Pairwise Comparisons Test of DFB for gen

gen Mean Homogeneous Groups

FH-142 41.535 A

FH-114 39.389 B

Alpha 0.05 Standard Error for Comparison 0.0642

LSD All-Pairwise Comparisons Test of DFB for sown

sown Mean Homogeneous Groups

1 46.611 A

2 34.312 B
Alpha 0.05 Standard Error for Comparison 0.076
LSD All-Pairwise Comparisons Test of DFB for tret
tret Mean Homogeneous Groups
2 42.250 A
1 40.417 B
3 38.718 C
Alpha 0.05 Standard Error for Comparison 0.097
LSD All-Pairwise Comparisons Test of DFBO for gen
gen Mean Homogeneous Groups
FH-142 77.062 A
FH-114 74.667 B
Alpha 0.05 Standard Error for Comparison 0.2448
LSD All-Pairwise Comparisons Test of DFBO for sown
sown Mean Homogeneous Groups
1 77.611 A
2 74.117 B
Alpha 0.05 Standard Error for Comparison 0.0742
LSD All-Pairwise Comparisons Test of DFBO for tret
tret Mean Homogeneous Groups
3 76.343 A
2 75.833 B
1 75.417 C
Alpha 0.05 Standard Error for Comparison 0.085
LSD All-Pairwise Comparisons Test of FF for gen
gen Mean Homogeneous Groups
FH-142 5.0345 A
FH-114 4.9833 B
Alpha 0.05 Standard Error for Comparison 0.0087
LSD All-Pairwise Comparisons Test of FF for sown
sown Mean Homogeneous Groups
1 5.0778 A
2 4.9401 B
Alpha 0.05 Standard Error for Comparison 0.0896
LSD All-Pairwise Comparisons Test of FF for tret
tret Mean Homogeneous Groups
1 5.0500 A
3 5.0101 B
2 4.9667 C
Alpha 0.05 Standard Error for Comparison 0.0065
LSD All-Pairwise Comparisons Test of FFD for gen
gen Mean Homogeneous Groups
FH-142 53.388 A
FH-114 51.500 B
Alpha 0.05 Standard Error for Comparison 0.0051
LSD All-Pairwise Comparisons Test of FFD for sown

sown Mean Homogeneous Groups

1 59.000 A

2 45.888 B

Alpha 0.05 Standard Error for Comparison 1.0271

LSD All-Pairwise Comparisons Test of FFD for tret

tret Mean Homogeneous Groups

2 53.917 A

1 52.000 B

3 51.416 C

Alpha 0.05 Standard Error for Comparison 0.0281

LSD All-Pairwise Comparisons Test of FS for gen

gen Mean Homogeneous Groups

FH-142 95.394 A

FH-114 95.370 B

Alpha 0.05 Standard Error for Comparison 0.0001

LSD All-Pairwise Comparisons Test of FS for sown

sown Mean Homogeneous Groups

2 96.506 A

1 94.259 B

Alpha 0.05 Standard Error for Comparison 0.0986

LSD All-Pairwise Comparisons Test of FS for tret

tret Mean Homogeneous Groups

1 99.337 A

2 94.703 B

3 92.107 C

Alpha 0.05 Standard Error for Comparison 0.9713

LSD All-Pairwise Comparisons Test of GOT for gen

gen Mean Homogeneous Groups

FH-142 37.286 A

FH-114 37.178 B

Alpha 0.05 Standard Error for Comparison 0.0001

LSD All-Pairwise Comparisons Test of GOT for sown

sown Mean Homogeneous Groups

1 37.267 A

2 37.197 A

Alpha 0.05 Standard Error for Comparison 0.9371

LSD All-Pairwise Comparisons Test of GOT for tret

tret Mean Homogeneous Groups

3 39.162 A

2 36.767 AB

1 35.767 B

Alpha 0.05 Standard Error for Comparison 0.0671

LSD All-Pairwise Comparisons Test of MPB for gen

gen Mean Homogeneous Groups

FH-114 1.2778 A

FH-142 0.7419 B

Alpha 0.05 Standard Error for Comparison 0.0352

LSD All-Pairwise Comparisons Test of MPB for sown

sown Mean Homogeneous Groups

1 1.0556 A

2 0.9641 A

Alpha 0.05 Standard Error for Comparison 0.0022

LSD All-Pairwise Comparisons Test of MPB for tret

tret Mean Homogeneous Groups

3 1.2795 A

2 1.0833 AB

1 0.6667 B

Alpha 0.05 Standard Error for Comparison 0.0981

LSD All-Pairwise Comparisons Test of PH for gen

gen Mean Homogeneous Groups

FH-142 141.50 A

FH-114 131.28 B

Alpha 0.05 Standard Error for Comparison 0.1002

LSD All-Pairwise Comparisons Test of PH for sown

sown Mean Homogeneous Groups

2 143.05 A

1 129.72 B

Alpha 0.05 Standard Error for Comparison 0.0098

LSD All-Pairwise Comparisons Test of PH for tret

tret Mean Homogeneous Groups

3 149.33 A

1 135.67 B

2 124.17 C

Alpha 0.05 Standard Error for Comparison 0.0098

LSD All-Pairwise Comparisons Test of PP for gen

gen Mean Homogeneous Groups

FH-114 31793 A

FH-142 30365 B

Alpha 0.05 Standard Error for Comparison 0.0087

LSD All-Pairwise Comparisons Test of PP for sown

sown Mean Homogeneous Groups

2 31165 A

1 30994 A

Alpha 0.05 Standard Error for Comparison 0.0871

LSD All-Pairwise Comparisons Test of PP for tret

tret Mean Homogeneous Groups

1 32001 A

2 30723 A

3 30515 A

Alpha 0.05 Standard Error for Comparison 0.0987

LSD All-Pairwise Comparisons Test of SL for gen

gen Mean Homogeneous Groups

FH-142 29.263 A

FH-114 29.206 A

Alpha 0.05 Standard Error for Comparison 0.0981

LSD All-Pairwise Comparisons Test of SL for sown

sown Mean Homogeneous Groups

1 29.433 A

2 29.035 A

Alpha 0.05 Standard Error for Comparison 0.0711

LSD All-Pairwise Comparisons Test of SL for tret

tret Mean Homogeneous Groups

1 29.433 A

3 29.169 A

2 29.100 A

Alpha 0.05 Standard Error for Comparison 0.0876

LSD All-Pairwise Comparisons Test of SPB for gen

gen Mean Homogeneous Groups

FH-114 18.333 A

FH-142 17.932 A

Alpha 0.05 Standard Error for Comparison 0.0565

LSD All-Pairwise Comparisons Test of SPB for sown

sown Mean Homogeneous Groups

2 18.599 A

1 17.667 A

Alpha 0.05 Standard Error for Comparison 0.0973

LSD All-Pairwise Comparisons Test of SPB for tret

tret Mean Homogeneous Groups

3 18.981 A

1 17.750 A

2 17.667 A

Alpha 0.05 Standard Error for Comparison 0.0974

LSD All-Pairwise Comparisons Test of YPP for gen

gen Mean Homogeneous Groups

FH-142 2917.4 A

FH-114 2189.8 B

Alpha 0.05 Standard Error for Comparison 0.0076

LSD All-Pairwise Comparisons Test of YPP for sown

sown Mean Homogeneous Groups

1 2863.6 A

2 2243.6 B

Alpha 0.05 Standard Error for Comparison 0.0086

LSD All-Pairwise Comparisons Test of YPP for tret

tret Mean Homogeneous Groups

1 2819.3 A

2 2442.8 B

3 2398.7 B

Alpha 0.05 Standard Error for Comparison 0.0002