

Supplementary material file: F_{2a}

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-142 40.362 A

FH-114 36.278 B

Alpha 0.05 Standard Error for Comparison 0.0054

LSD All-Pairwise Comparisons Test of BPP for sown

sown Mean Homogeneous Groups

1 45.056 A

2 31.584 B

Alpha 0.05 Standard Error for Comparison 0.3241

LSD All-Pairwise Comparisons Test of BPP for tret

tret Mean Homogeneous Groups

1 40.293 A

2 38.417 B

3 36.250 C

Alpha 0.05 Standard Error for Comparison 0.3426

LSD All-Pairwise Comparisons Test of BW for gen

gen Mean Homogeneous Groups

FH-142 4.3909 A

FH-114 4.3128 B

Alpha 0.05 Standard Error for Comparison 0.0071

LSD All-Pairwise Comparisons Test of BW for sown

sown Mean Homogeneous Groups

2 4.4581 A

1 4.2456 B

Alpha 0.05 Standard Error for Comparison 0.2451

LSD All-Pairwise Comparisons Test of BW for tret

tret Mean Homogeneous Groups

1 4.8167 A

3 4.2855 B

2 3.9533 B

Alpha 0.05 Standard Error for Comparison 0.1201

LSD All-Pairwise Comparisons Test of DFB for gen

gen Mean Homogeneous Groups

FH-142 39.535 A

FH-114 37.389 B

Alpha 0.05 Standard Error for Comparison 0.0091

LSD All-Pairwise Comparisons Test of DFB for sown

sown Mean Homogeneous Groups

1 44.611 A

2 32.312 B
Alpha 0.05 Standard Error for Comparison 0.0972
LSD All-Pairwise Comparisons Test of DFB for tret
tret Mean Homogeneous Groups
1 40.250 A
2 38.417 B
3 36.718 C
Alpha 0.05 Standard Error for Comparison 0.0712
LSD All-Pairwise Comparisons Test of DFBO for gen
gen Mean Homogeneous Groups
FH-142 76.062 A
FH-114 73.667 B
Alpha 0.05 Standard Error for Comparison 0.0012
LSD All-Pairwise Comparisons Test of DFBO for sown
sown Mean Homogeneous Groups
1 76.611 A
2 73.117 B
Alpha 0.05 Standard Error for Comparison 0.0033
LSD All-Pairwise Comparisons Test of DFBO for tret
tret Mean Homogeneous Groups
1 75.343 A
3 74.833 A
2 74.417 A
Alpha 0.05 Standard Error for Comparison 0.3144
LSD All-Pairwise Comparisons Test of FF for gen
gen Mean Homogeneous Groups
FH-142 4.5345 A
FH-114 4.4833 A
Alpha 0.05 Standard Error for Comparison 0.0213
LSD All-Pairwise Comparisons Test of FF for sown
sown Mean Homogeneous Groups
1 4.5778 A
2 4.4401 A
Alpha 0.05 Standard Error for Comparison 0.0989
LSD All-Pairwise Comparisons Test of FF for tret
tret Mean Homogeneous Groups
1 4.5500 A
3 4.5101 A
2 4.4667 A
Alpha 0.05 Standard Error for Comparison 0.0933
LSD All-Pairwise Comparisons Test of FFD for gen
gen Mean Homogeneous Groups
FH-142 52.388 A
FH-114 50.500 B
Alpha 0.05 Standard Error for Comparison 0.0764
LSD All-Pairwise Comparisons Test of FFD for sown

sown Mean Homogeneous Groups

1 58.000 A

2 44.888 B

Alpha 0.05 Standard Error for Comparison 0.0876

LSD All-Pairwise Comparisons Test of FFD for tret

tret Mean Homogeneous Groups

1 52.917 A

2 51.000 B

3 50.416 B

Alpha 0.05 Standard Error for Comparison 0.0725

LSD All-Pairwise Comparisons Test of FS for gen

gen Mean Homogeneous Groups

FH-142 94.894 A

FH-114 94.870 A

Alpha 0.05 Standard Error for Comparison 0.0021

LSD All-Pairwise Comparisons Test of FS for sown

sown Mean Homogeneous Groups

2 96.006 A

1 93.759 B

Alpha 0.05 Standard Error for Comparison 0.0998

LSD All-Pairwise Comparisons Test of FS for tret

tret Mean Homogeneous Groups

1 98.837 A

2 94.203 B

3 91.607 C

Alpha 0.05 Standard Error for Comparison 0.3245

LSD All-Pairwise Comparisons Test of GOT for gen

gen Mean Homogeneous Groups

FH-142 36.786 A

FH-114 36.678 B

Alpha 0.05 Standard Error for Comparison 0.0724

LSD All-Pairwise Comparisons Test of GOT for sown

sown Mean Homogeneous Groups

1 36.767 A

2 36.697 A

Alpha 0.05 Standard Error for Comparison 0.7092

LSD All-Pairwise Comparisons Test of GOT for tret

tret Mean Homogeneous Groups

1 38.662 A

2 36.267 AB

3 35.267 B

Alpha 0.05 Standard Error for Comparison 0.0872

LSD All-Pairwise Comparisons Test of MPB for gen

gen Mean Homogeneous Groups

FH-142 0.9302 A

FH-114 0.6111 A

Alpha 0.05 Standard Error for Comparison 0.0762

LSD All-Pairwise Comparisons Test of MPB for sown

sown Mean Homogeneous Groups

2 0.8191 A

1 0.7222 A

Alpha 0.05 Standard Error for Comparison 0.0876

LSD All-Pairwise Comparisons Test of MPB for tret

tret Mean Homogeneous Groups

1 1.1454 A

3 0.8333 A

2 0.3333 B

Alpha 0.05 Standard Error for Comparison 0.0862

LSD All-Pairwise Comparisons Test of PH for gen

gen Mean Homogeneous Groups

FH-142 149.98 A

FH-114 126.33 B

Alpha 0.05 Standard Error for Comparison 0.0845

LSD All-Pairwise Comparisons Test of PH for sown

sown Mean Homogeneous Groups

1 146.17 A

2 130.14 B

Alpha 0.05 Standard Error for Comparison 0.0089

LSD All-Pairwise Comparisons Test of PH for tret

tret Mean Homogeneous Groups

1 146.80 A

3 137.33 B

2 130.33 B

Alpha 0.05 Standard Error for Comparison 0.097

LSD All-Pairwise Comparisons Test of PP for gen

gen Mean Homogeneous Groups

FH-114 31782 A

FH-142 30354 B

Alpha 0.05 Standard Error for Comparison 0.0091

LSD All-Pairwise Comparisons Test of PP for sown

sown Mean Homogeneous Groups

2 31154 A

1 30983 A

Alpha 0.05 Standard Error for Comparison 1.0091

LSD All-Pairwise Comparisons Test of PP for tret

tret Mean Homogeneous Groups

1 31990 A

2 30712 A

3 30504 A

Alpha 0.05 Standard Error for Comparison 0.0091

LSD All-Pairwise Comparisons Test of SL for gen

gen Mean Homogeneous Groups

FH-142 28.763 A
FH-114 28.706 A
Alpha 0.05 Standard Error for Comparison 0.0081

LSD All-Pairwise Comparisons Test of SL for sown

sown Mean Homogeneous Groups

- 1 28.933 A
- 2 28.535 A

Alpha 0.05 Standard Error for Comparison 0.0981

LSD All-Pairwise Comparisons Test of SL for tret

tret Mean Homogeneous Groups

- 1 28.933 A
- 3 28.669 A
- 2 28.600 A

Alpha 0.05 Standard Error for Comparison 0.1239

LSD All-Pairwise Comparisons Test of SPB for gen

gen Mean Homogeneous Groups

- FH-142 20.253 A
- FH-114 18.500 A

Alpha 0.05 Standard Error for Comparison 0.0012

LSD All-Pairwise Comparisons Test of SPB for sown

sown Mean Homogeneous Groups

- 1 21.833 A
- 2 16.920 B

Alpha 0.05 Standard Error for Comparison 0.1029

LSD All-Pairwise Comparisons Test of SPB for tret

tret Mean Homogeneous Groups

- 1 19.917 A
- 2 19.750 A
- 3 18.463 A

Alpha 0.05 Standard Error for Comparison 0.1204

LSD All-Pairwise Comparisons Test of YPP for gen

gen Mean Homogeneous Groups

- FH-142 2906.4 A
- FH-114 2178.8 B

Alpha 0.05 Standard Error for Comparison 0.0091

LSD All-Pairwise Comparisons Test of YPP for sown

sown Mean Homogeneous Groups

- 1 2852.6 A
- 2 2232.6 B

Alpha 0.05 Standard Error for Comparison 0.0192

LSD All-Pairwise Comparisons Test of YPP for tret

tret Mean Homogeneous Groups

- 1 2808.2 A
- 2 2431.7 B
- 3 2387.7 B

Alpha 0.05 Standard Error for Comparison 0.1034