

Expt. No.: 3**Plot No: 24****Title** : Heterosis and combining ability analysis in cotton (*Gossypium hirsutum* L.)
(PG student experiment)**DETAILS OF TREATMENT**

| Sr. No. | Name of Entry | Sr. No. | Name of Entry | Sr. No. | Name of Entry |
|---------|---------------------|---------|---------------------|---------|--------------------|
| 1 | G.Cot.10 x GISV-382 | 9 | BC 68-2 x GISV-395 | 17 | BC 68-2 |
| 2 | G.Cot.10 x GISV-385 | 10 | BC 68-2 x GISV-399 | 18 | GISV-365 |
| 3 | G.Cot.10 x GISV-389 | 11 | GISV-365 x GISV-382 | 19 | GISV-382 |
| 4 | G.Cot.10 x GISV-395 | 12 | GISV-365 x GISV-385 | 20 | GISV-385 |
| 5 | G.Cot.10 x GISV-399 | 13 | GISV-365 x GISV-389 | 21 | GISV-389 |
| 6 | BC 68-2 x GISV-382 | 14 | GISV-365 x GISV-395 | 22 | GISV-395 |
| 7 | BC 68-2 x GISV-385 | 15 | GISV-365 GISV-399 | 23 | GISV-399 |
| 8 | BC 68-2 x GISV-389 | 16 | G.Cot.10 | 24 | GN.Cot. Hy. 18 (C) |

DETAILS OF TREATMENT RANDOMIZED

| Sr. No. | Name of Entry | R-I | R-II | R-III |
|---------|---------------------|-----|-------|-------|
| 1 | G.Cot.10 x GISV-382 | 1 | 48/5 | 49/12 |
| 2 | G.Cot.10 x GISV-385 | 2 | 47/16 | 50/21 |
| 3 | G.Cot.10 x GISV-389 | 3 | 46/10 | 51/7 |
| 4 | G.Cot.10 x GISV-395 | 4 | 45/2 | 52/18 |
| 5 | G.Cot.10 x GISV-399 | 5 | 44/23 | 53/11 |
| 6 | BC 68-2 x GISV-382 | 6 | 43/13 | 54/20 |
| 7 | BC 68-2 x GISV-385 | 7 | 42/9 | 55/24 |
| 8 | BC 68-2 x GISV-389 | 8 | 41/6 | 56/14 |
| 9 | BC 68-2 x GISV-395 | 9 | 40/17 | 57/3 |
| 10 | BC 68-2 x GISV-399 | 10 | 39/22 | 58/17 |
| 11 | GISV-365 x GISV-382 | 11 | 38/18 | 59/1 |
| 12 | GISV-365 x GISV-385 | 12 | 37/20 | 60/16 |
| 13 | GISV-365 x GISV-389 | 13 | 36/15 | 61/10 |
| 14 | GISV-365 x GISV-395 | 14 | 35/21 | 62/23 |
| 15 | GISV-365 GISV-399 | 15 | 34/7 | 63/4 |
| 16 | G.Cot.10 | 16 | 33/11 | 64/13 |
| 17 | BC 68-2 | 17 | 32/24 | 65/6 |
| 18 | GISV-365 | 18 | 31/1 | 66/22 |
| 19 | GISV-382 | 19 | 30/12 | 67/9 |
| 20 | GISV-385 | 20 | 29/4 | 68/15 |
| 21 | GISV-389 | 21 | 28/14 | 69/19 |
| 22 | GISV-395 | 22 | 27/8 | 70/5 |
| 23 | GISV-399 | 23 | 26/3 | 71/2 |
| 24 | GN.Cot. Hy. 18 (C) | 24 | 25/19 | 72/8 |