

Table 7 Range of solutions (LSC) for sire effect under model 8

| Trait            | Best sire |      |        |         | Worst sire |        | Percentage of sire with (%) |      |
|------------------|-----------|------|--------|---------|------------|--------|-----------------------------|------|
|                  | Sire      | LSC  | Sire   | LSC     | Sire       | LSC    | Sire                        | LSC  |
| BWT              | 0.1224    | 4.31 | CS 75  | -0.1190 | -4.19      | CS 367 | 49.1                        | 50.9 |
| WWT              | 0.6686    | 5.74 | CS 28  | -0.7076 | -6.07      | C 1677 | 41.8                        | 58.2 |
| 6WT              | 0.8365    | 5.14 | CC 15  | -0.7304 | -4.49      | PHY 2  | 41.8                        | 58.2 |
| GFY <sub>1</sub> | 0.0851    | 8.96 | CO 170 | -0.0575 | -6.05      | CS 328 | 48.2                        | 51.8 |