

| Genetic background | P      |              | Spearman's correlation (Rs) |              |
|--------------------|--------|--------------|-----------------------------|--------------|
|                    | Brazil | South Africa | Brazil                      | South Africa |
| GM                 | 0.10   | 0.24         | -0.64                       | 0.60         |
| F1 ISO GM          | 0.33   | 0.66         | 0.80                        | -0.19        |
| F2 ISO GM          | 0.43   | 0.56         | 0.33                        | 0.29         |
| BC ISO GM          | 0.93   | 0.30         | 0.05                        | -0.54        |
| BC ISO ISO         | -      | 0.39         | -                           | 0.36         |
| F1 OPV GM          | 0.43   | 0.58         | 0.33                        | 0.24         |
| F2 OPV GM          | 0.4    | 0.43         | 0.39                        | 0.33         |
| BC OPV GM          | 1.00   | 0.22         | 0.03                        | 0.50         |
| BC OPV OPV         | -      | 0.70         | -                           | 0.17         |