

Table 2 Response surface analysis program and response

| Serial number | A AgNO ₃ (mg/L) | B Phytigel (g/L) | YBuds induction rate (%) |
|---------------|----------------------------|------------------|--------------------------|
| 1 | 6.6 | 9 | 58.33 |
| 2 | 6 | 8 | 78.33 |
| 3 | 3 | 8 | 71.67 |
| 4 | 4.5 | 9 | 85 |
| 5 | 4.5 | 9 | 88.33 |
| 6 | 4.5 | 10.4 | 70 |
| 7 | 4.5 | 9 | 90 |
| 8 | 2.4 | 9 | 70 |
| 9 | 6 | 10 | 53.33 |
| 10 | 4.5 | 9 | 85 |
| 11 | 4.5 | 9 | 86.67 |
| 12 | 4.5 | 7.6 | 75 |
| 13 | 3 | 10 | 75 |