|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Phase 1 Design** | | | | | **Phase 2 Design** | | | | | | | | | |
| v | *nb* | *np* | Between Plots Residual DF | *E* | *nRuns* | *nTags* | *Between Runs stratum* | | | *Between Plots within Blocks within Runs stratum* | | | | |
| Phase 1 Block DF | Phase 1 Plot DF | Trt DF | Tag DF | Residual DF | Tag ⊥ Trt | *Treatment efficiency factors* | |
| *ei* | *E* |
| 4 | 4 | 12 | 5 | 0.8889 | 6 | 4 | 0 | 2 | 0 | 0 | 3 | Yes | 0.8889 (3) | 0.8889 |
| 3 | 8 | 0 | 1 | 0 | 0 | 4 | 0.8889 (3) | 0.8889 |
| 5 | 5 | 20 | 11 | 0.9375 | 10 | 4 | 4 | 0 | 4 | 1 | 10 | 0.9375 (4) | 0.9375 |
| 5 | 8 | 2 | 0 | 2 | 3 | 8 | 0.9375 (4) | 0.9375 |
| 6 | 6 | 30 | 19 | 0.96 | 15 | 4 | 3 | 4 | 6 | 0 | 13 | 0.938, 0.9, 0.874, 0.822, 0.786 | 0.8606 |
| 7 | 7 | 28 | 15 | 0.875 | 14 | 4 | 6 | 0 | 6 | 1 | 14 | 0.875 (6) | 0.875 |
| 7 | 8 | 3 | 0 | 3 | 3 | 12 | 0.875 (6) | 0.875 |
| 7 | 7 | 42 | 29 | 0.9722 | 21 | 4 | 6 | 4 | 10 | 1 | 21 | 0.921, 0.874, 0.863, 0.840, 0.814, 0.780 | 0.8462 |
| 8 | 8 | 56 | 41 | 0.9796 | 28 | 4 | 5 | 8 | 10 | 0 | 29 | 0.929(2), 0.857, 0.837(2), 0.786(2) | 0.8478 |
| 14 | 8 | 0 | 6 | 0 | 0 | 35 | 0.9796 (7) | 0.9796 |