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|  | Simulation 1 | Simulation 2 | Simulation 3 |
| Firebrand initial velocity | 2.31 m/s (horizontal)  0.77 m/s (vertical) | 0 m/s (horizontal)  0 m/s (vertical) | 2.31 m/s (horizontal)  0.77 m/s (vertical) |
| Firebrand input rate | 432 pcs/kg dry mass | 432 pcs/kg dry mass | 40 pcs/kg dry mass (around 10%) |
| Simulated for | 30 seconds | 18.8 seconds | 26.14 seconds |
| Total number of collected firebrands (same as the lab experimental tray arrangement) | 1700 pcs | 1142 pcs | 152 |
| Firebrands received trays (circled) |  |  |  |