**S7 Table**. Farm variables description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| farm | unit | n | mean | SE |
| SumDBHShade | cm2/800 m2 | 31 | 335.5 | 26.5 |
| NumShade | tree/800 m2 | 31 | 9.9 | 1.0 |
| CocoaTreeDensity | tree/800 m2 | 31 | 51.9 | 2.7 |
| PerDead | % | 31 | 13.4 | 2.9 |
| longitude | degree west | 31 | 39.456 | 0.010 |
| GrndCover | % | 30 | 42.3 | 2.1 |
| Water In soil | mm | 9 | 48.5 | 6.4 |
| differenceInYield | pods/800 m2 | 31 | 147.8 | 29.0 |