**Supplementary table S1 Percent yield increase over control through calliterpenone treatment in six crops**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Crops | Treatments | Yield plot-1 (kg) | Yield increase over control (%) | Crops | Treatments | Yield plot-1 (kg) | Yield increase over control (%) |
| 1. Rice | Control | 3.46 + 0.06 | - | 2. Wheat | Control | 2.01 + 0.06 | - |
|  | ST1 | 3.57 + 0.07 | 3.07 |  | ST1 | 2.44 + 0.05 | 21.16 |
|  | ST2 | 4.46 + 0.13 | 28.89 |  | ST2 | 2.20 + 0.04 | 9.59 |
|  | ST3 | 4.27 + 0.19 | 23.26 |  | ST3 | 2.26 + 0.03 | 12.50 |
|  | SRT1 | 2.92 + 0.03 | -15.71 |  | STA1 | 2.56 + 0.04 | 27.23 |
|  | SRT2 | 3.50 + 0.07 | 1.16 |  | STA2 | 2.53 + 0.02 | 25.71 |
|  | SRT3 | 3.59 + 0.04 | 3.64 |  | STA3 | 2.30 + 0.01 | 14.58 |
|  | SRTA1 | 3.09 + 0.09 | -10.78 |  | STB1 | 2.44 + 0.02 | 21.29 |
|  | SRTA2 | 2.59 + 0.07 | -25.28 |  | STB2 | 2.34 + 0.06 | 16.59 |
|  | SRTA3 | 3.83 + 0.04 | 10.68 |  | STB3 | 2.40 + 0.03 | 19.57 |
|  |  |  |  |  |  |  |  |
| 3. Tomato | Control | 8.05 + 0.12 | - | 4. Potato | Control | 6.37 + 0.12 | - |
|  | ST1 | 9.70 + 0.28 | 20.55 |  | ST1 | 7.90 + 0.23 | 24.08 |
|  | ST2 | 10.19 + 0.13 | 26.59 |  | ST2 | 8.73 + 0.08 | 37.17 |
|  | ST3 | 10.35 + 0.14 | 28.63 |  | ST3 | 8.43 + 0.25 | 32.46 |
|  | SRTA1 | 9.57 + 0.12 | 18.94 |  | STA1 | 7.33 + 0.22 | 15.18 |
|  | SRTA2 | 9.28 + 0.38 | 15.34 |  | STA2 | 7.67 + 0.08 | 20.42 |
|  | SRTA3 | 9.75 + 0.03 | 21.10 |  | STA3 | 6.80 + 0.07 | 6.81 |
|  | SRTB1 | 9.96 + 0.14 | 23.77 |  | STB1 | 7.67 + 0.07 | 13.86 |
|  | SRTB2 | 8.07 + 0.11 | 0.22 |  | STB2 | 7.60 + 0.17 | 12.87 |
|  | SRTB3 | 9.77 + 0.26 | 21.39 |  | STB3 | 6.73 + 0.10 | 5.76 |
|  |  |  |  |  |  |  |  |
| 5. Onion | Control | 7.43 + 0.12 | - | 6. Chickpea | Control | 0.952 + 0.02 | - |
|  | RT1 | 7.63 + 0.03 | 2.69 |  | SP1 | 0.988 + 0.02 | 3.78 |
|  | RT2 | 8.83 + 0.05 | 18.83 |  | SP2 | 1.051 + 0.03 | 10.35 |
|  | RT3 | 8.97 + 0.16 | 20.63 |  | SP3 | 1.201 + 0.02 | 26.08 |
|  | RTA1 | 8.17 + 0.05 | 9.87 |  | ST1 | 0.987 + 0.02 | 3.68 |
|  | RTA2 | 7.17 + 0.26 | -3.59 |  | ST2 | 0.958 + 0.02 | 0.63 |
|  | RTA3 | 7.57 + 0.27 | 1.79 |  | ST3 | 1.098 + 0.02 | 15.35 |
|  | RTB1 | 8.67 + 0.26 | 16.59 |  | STA1 | 0.822 + 0.02 | -13.67 |
|  | RTB2 | 7.53 + 0.25 | 1.35 |  | STA2 | 1.152 + 0.06 | 21.02 |
|  | RTB3 | 7.63 + 0.20 | 2.69 |  | STA3 | 1.145 + 0.03 | 20.21 |