

Table S1. Effect of weed density, weed dry weight and weed control efficiency in blackgram

| Year | Weed density (m/ m ²) | | Weed dry weight (g/m ²) | | Weed control efficiency (%) | |
|---------|--------------------------------------|---------|--|---------|--------------------------------|---------|
| | Demo | Control | Demo | Control | Demo | Control |
| 2016-17 | 8.28 | 20 | 4.8 | 9.3 | 48 | 0 |
| 2017-18 | 6.16 | 13.09 | 4.19 | 8.23 | 49 | 0 |
| 2018-19 | 3.23 | 12 | 2.39 | 8.4 | 72 | 0 |
| 2019-20 | 5.88 | 10 | 4.08 | 8.6 | 53 | 0 |
| 2020-21 | 8.9 | 32.1 | 4.5 | 18.5 | 76 | 0 |
| Avg. | 6.49 | 17.44 | 3.99 | 10.61 | 59.60 | 0 |
| SD | 2.24 | 9.02 | 0.94 | 4.43 | 13.35 | 0 |
| CV% | 34.56 | 51.72 | 23.51 | 41.78 | 22.40 | 0 |

line from the supplementary table

SD - Standard Deviation

CV - Coefficient of Variation