Table 1. Off-season treatments applied to the organic high tunnel, treatment abbreviations and duration of treatments.

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| Summer off-season | Abbreviation | Durationz | Termination method | Winter fallow |
| Iron Clay cowpea | IC | 8 | Disk harrowed | Iron Clay cowpea |
| US-1136 cowpea | US-1136 | 8 | Disk harrowed | US-1136 cowpea |
| US-1137 cowpea | US-1137 | 8 | Disk harrowed | US-1137 cowpea |
| US-1138 cowpea | US-1138 | 8 | Disk harrowed | US-1138 cowpea |
| Soil solarization | SS | 9 | Film removed, no tilling | Sunn hemp |
| US-1137 + soil solarization | US-1137+SS | 4 + 5 | Film removed, no tilling | Buckwheat |
| Weedy control | Weedy | 8 | Disk harrowed | Weedy control |
| Weed-free – black mulch | Weed-free | 8 | Mulch removed, disk harrowed | Weed-free – black mulch |

zDuration in weeks.