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| Table 1. Mason Farms - established 1 year | | | | | | | | |  |
| Treatment | Average % Weed Cover \* | | | | | | DAT |  | % increase in TCA |
| 25-May | 21-Jun | 6-Jul | 13-Jul | 20-Jul | 10-Aug | # P sprays | \* |
| Untreated | 59 A | 60 | 94 A | 100 A | 93 A | 84 A |  |  | 93 B |
| Surflan + P | 23 BCD | 1 | 13 BCD | 27 BC | 0 C | 11 BC | 30 | 2 | 148 A |
| Prowl + P | 32 ABCD | 2 | 16 BCD | 28 BC | 0 C | 24 BC | 30 | 2 | 152 A |
| Surflan + Chateau + P | 11 CD | 19 | 3 CD | 8 BC | 4 BC | 19 BC | 42 | 2 | 129 AB |
| Prowl + Chateau + P | 13 CD | 1 | 1 D | 6 C | 3 BC | 22 BC | 42 | 2 | 140 AB |
| Surflan + GoalTender + P | 4 CD | 11 | 18 BCD | 28 BC | 0 C | 10 BC | 82 | 2 | 165 A |
| Prowl + Goaltender + P | 14 CD | 35 | 27 BCD | 0 C | 1 C | 18 BC | 76 | 2 | 122 AB |
| Matrix + P | 1 D | 5 | 0 D | 0 C | 1 C | 14 BC | 90 | 1 | 149 A |
| Surflan + Matrix + P | 1 D | 2 | 7 CD | 5 C | 3 BC | 30 BC | 90 | 1 | 139 AB |
| Surflan + Matrix + GoalTender + P | 1 D | 3 | 0 D | 1 C | 1 C | 14 BC | 90 | 1 | 126 AB |
| Sinbar + P | 4 CD | 1 | 4 CD | 13 BC | 11 BC | 14 BC | 87 | 2 | 128 AB |
| diuron + simazine + P | 9 CD | 35 | 46 BC | 6 C | 0 C | 18 BC | 73 | 2 | 142 AB |
| Prowl + glyphosate | 37 ABC | 1 | 9 BCD | 24 BC | 19 BC | 2 C | 30 | 2 | 141 AB |
| Prowl + Chateau + gyphosate | 13 CD | 0 | 1 D | 1 C | 0 C | 16 BC | 42 | 2 | 113 AB |
| Alion + P | 6 CD | 37 | 20 BCD | 31 BC | 0 C | 5 C | 79 | 1 | 158 A |
| Green Match | 52 AB | 22 | 50 B | 47 B | 42 B | 47 AB | 17 | 4 | 140 AB |
| \* = values with the same letters are not statistically different, Tukey HSD All-Pairwise Comparison | | | | | | | | | |

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| Table 2. Lamont Fruit Farm - Newly planted trees (irrigated) | | | | | |  |
| Treatment | Average % Weed Cover \* | | | DAT |  | % increase in TCA  \* |
| 16-Jun | 18-Jul | 18-Aug | # P sprays |  |
| Untreated | 48 A | 100 A | 100 A |  |  | 32 F |
| Surflan + paraquat (P) | 9 BC | 27 B | 9 BCDE | 40 | 2 | 93 BCDE |
| Prowl + P | 1 C | 11 B | 3 DE | 40 | 2 | 123 ABC |
| Surflan + Chateau + P | 0 C | 7 B | 33 BCD | 65 | 1 | 130 AB |
| Prowl + Chateau + P | 1 C | 16 B | 8 CDE | 40 | 2 | 115 ABC |
| Surflan + GoalTender + P | 0 C | 18 B | 12 BCDE | 57 | 1 | 118 ABC |
| Prowl + Goaltender + P | 0 C | 22 B | 7 CDE | 57 | 1 | 110 ABC |
| Surflan + Matrix + P | 0 C | 27 B | 24 BCDE | 57 | 2 | 66 DEF |
| Surflan + Matrix + GoalTender + P | 0 C | 2 B | 18 BCDE | 65 | 1 | 97 BCDE |
| Sinbar + P | 1 C | 9 B | 39 B | 40 | 3 | 91 BCDE |
| Prowl + glyphosate | 2 C | 6 B | 36 BC | 40 | 2 | 143 A |
| Prowl + Chateau + gyphosate | 0 C | 5 B | 1 E | 52 | 1 | 118 ABC |
| Green Match | 44 AB | 83 A | 100 A | 12 | 3 | 57 EF |
| \* = values with the same letters are not statistically different, Tukey HSD All-Pairwise Comparison | | | | | | |