## Supplementary material

Table S1. Summary of 14 lure trials for codling moths (Cydia pomonella L.) conducted in unsprayed and organic apple and pear orchards treated with or without mating disruption (MD) in Washington State, USA, and in the Emilia-Romagna Region, Italy, during the period 2019/2020.

| Orchard (Region, State) | Crop, Cultivar, Surface | Grower | Trial Periods |
| :---: | :---: | :---: | :---: |
| Location Coordinates |  | Managemen |  |
|  |  | t |  |
| Wapato (WA, USA) | Apple, cv Delicious, 4 ha | Unsprayed | 4 May-22 July 2019 |
| $46^{\circ} 24^{\prime} 33.08^{\prime \prime} \mathrm{N}, 120^{\circ} 29^{\prime} 0.55{ }^{\prime \prime} \mathrm{W}$ |  | (no-MD) |  |
| San Bartolomeo in Bosco (FE, Italy) | Apple, cv Fuji, 1.5 ha | Unsprayed | 7 July-1 September 2020 |
| $44^{\circ} 42^{\prime} 53.69^{\prime \prime} \mathrm{N}, 11^{\circ} 35^{\prime} 56.70^{\prime \prime} \mathrm{E}$ |  | (no-MD) |  |
| San Cesario sul Panaro (MO, Italy) | Pear, cv Abate Fetel and | Unsprayed | 17 July-16 August 2019 |
| $44^{\circ} 34^{\prime} 2.39^{\prime \prime} \mathrm{N}, 11^{\circ} 0^{\prime} 46.83 " \mathrm{E}$ | Williams, 0.5 ha | (no-MD) | 27 April-11 June 2020 |
|  |  |  | 12 June-8 August 2020 |
| Baricella (BO, Italy) | Pear, cv Abate Fetel and | Unsprayed | 11 July-16 August 2019 |
| $44^{\circ} 38^{\prime} 54.28^{\prime \prime} \mathrm{N}, 11^{\circ} 32^{\prime} 41.17^{\prime \prime} \mathrm{E}$ | Decana, 0.4 ha | (no-MD) |  |
| Villa Prati di Bagnacavallo (RA, Italy) | Apple, cv Primiera, 3.5 ha | Organic | 28 June-6 August 2019 |
| $44^{\circ} 27^{\prime} 26.23$ "N, $12^{\circ} 1^{\prime} 55.47{ }^{\prime \prime} \mathrm{E}$ |  | (MD) | 6 August-16 September 2019 |
| Villa Prati di Bagnacavallo (RA, Italy) | Apple, cv Gold Rush, 3.0 ha | Organic | 12 July-2 August 2019 |
| $44^{\circ} 27^{\prime} 33.65{ }^{\prime \prime} \mathrm{N}, 12^{\circ} 1^{\prime} 43.48^{\prime \prime} \mathrm{E}$ |  | (MD) | 2 August-16 September 2019 |
| Villa Prati di Bagnacavallo (RA, Italy) | Apple, cv Gaia, 1.5 ha | Organic | 8 April-3 June 2020 |
| $44^{\circ} 27{ }^{\prime} 25.87{ }^{\prime \prime} \mathrm{N}, 12^{\circ} 1^{\prime} 57.71^{\prime \prime} \mathrm{E}$ |  | (MD) | 10 June-30 July 2020 |
| Renazzo (FE, Italy) | Pear, cv Abate Fetel, 1.2 ha | Organic | 10 April-5 June 2020 |
| $44^{\circ} 46^{\prime} 12.93$ "N, $11^{\circ} 18^{\prime} 8.00{ }^{\prime \prime} \mathrm{E}$ |  | (MD) | 5 June-5 August 2020 |

Mating disruption (MD) was performed by using dispensers loaded with ( $E, E$ )-8,10-dodecadien-1-ol (sex pheromone).
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