**Table 3. Material and equipment provided by MO DIRT and the participants per year**

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| **MATERIAL AND EQUIPMENT PROVIDED BY** **MO DIRT** | **MATERIAL AND EQUIPMENT PROVIDED** **BY PARTICIPANTS** |
| Active carbon kit (KMnO4, color chart, free- standing tubes (30 ml) (2)) | Camera |
| Auger – 10 or 12 inch length | Flat-bladed knife or pocket knife |
| Backpack | GPS unit (or cell phone with GPS) |
| Balance or scale (0.1 g precision and 400 g min. capacity) | Hot pad / oven mitt |
| Brush | Oven, or lamp |
| Clipboard with data sheets | Newspaper |
| Compost bowls (4) | Soap |
| Distilled water (1 gallon) | Watch or timer |
| Line level | Weight (rock) |
| Manual |  |
| Measuring tape |  |
| Metal ring |  |
| Nail |  |
| Nitrile gloves (1 box) (disposable) |  |
| Permanent markers (2) |  |
| Plastic container with lid (32 oz (946 ml) |  |
| Plastic squeeze bulb pipette, 3 ml (2) |  |
| Rubber mallet |  |
| Pre-paid envelope to mail organic matter samples |  |
| Rapitest |  |
| Sealable bags (20) |  |
| Set of measuring cups and spoons |  |
| Sign “Research site” |  |
| Soil and air thermometer |  |
| Soil box for testing of organic matter (2) |  |
| Soil color book |  |
| Soil texture feel method diagram |  |
| Solvita kit (2 jars, color chart, 10 foil pouches, notification card) |  |
| Spatula |  |
| Stakes (6) |  |
| Stick |  |
| String |  |
| Table knife |  |
| Tray |  |
| Trowel |  |
| Wooden block |  |