Table 1: Farm soil Resistance

| Microorganism | Isolates (n) | SXT | CIP | TGC | CTX | AMP | GM | ATM | CRO | VAN | Resistance Profile |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E. coli | 30 | 60 | 40 | 0 | 75 | 75 | 40 | 0 | 0 | 0 |  |
| Klebsiella pneumoniae | 24 | 100 | 25 | 50 | 50 | 100 | 100 | 0 | 0 | 0 | SXT-AMP-GM (24/24) |
| Serratia odoniferia | 5 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 100 | 0 | CTX-CRO (5/5) |
| Pseudomonas Spp | 5 | 0 | 0 | 0 | 100 | 0 | 0 | 100 | 0 | 0 | CTX-ATM (5/5) |
| Pseudomonas luteola | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| Xanthomonas maltophilia | 12 | 50 | 0 | 50 | 0 | 0 | 0 | 50 | 50 | 0 |  |
| Yersinia pestis | 4 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 100 | 0 | GM-CRO (4/4) |
| Total Farm soil (n = 85) | 85 | 73 | 20 | 30 | 58 | 88 | 47 | 33 | 43 | 0 | 70% MDR (7/10) |