Table 1: Microbial Distribution Across Sample Items

| Microbe | Amaranthus (N = 44) | Chicken manure (N = 45) | Chinese Cabbage (N = 30) | Farm soil (N = 85) | Pig manure (N = 46) | Home soil (N = NA) | Rape (N = NA) |
| --- | --- | --- | --- | --- | --- | --- | --- |
| E. coli | 6 (14%) | 18 (40%) | 6 (20%) | 30 (35%) | 24 (52%) | 0 (0%) | 0 (0%) |
| Acinetobacter junni | 0 (0%) | 4 (9%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Klebsiella pneumoniae | 18 (41%) | 12 (27%) | 18 (60%) | 24 (28%) | 12 (26%) | 36 (67%) | 36 (55%) |
| Serratia odoniferia | 0 (0%) | 5 (11%) | 0 (0%) | 5 (6%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Pasteurella Spp | 20 (45%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 4 (6%) |
| Acinetobacter Spp | 0 (0%) | 6 (13%) | 0 (0%) | 0 (0%) | 6 (13%) | 0 (0%) | 0 (0%) |
| Raoultella ornitholytica | 0 (0%) | 0 (0%) | 6 (20%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Pseudomonas Spp | 0 (0%) | 0 (0%) | 0 (0%) | 5 (6%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Erwinia Spp | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 5 (8%) |
| Pseudomonas luteola | 0 (0%) | 0 (0%) | 0 (0%) | 5 (6%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Xanthomonas maltophilia | 0 (0%) | 0 (0%) | 0 (0%) | 12 (14%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Stenotrophomonas | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 6 (11%) | 0 (0%) |
| Pseudomonas cepacia | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 16 (24%) |
| Stenotrophomonas maltophilia | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 6 (11%) | 0 (0%) |
| Pseudomonas aeruginosa | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 5 (8%) |
| Yersinia pestis | 0 (0%) | 0 (0%) | 0 (0%) | 4 (5%) | 0 (0%) | 0 (0%) | 0 (0%) |
| Salmonella choleraesuis | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 6 (11%) | 0 (0%) |
| Acinetobacter pitii | 0 (0%) | 0 (0%) | 0 (0%) | 0 (0%) | 4 (9%) | 0 (0%) | 0 (0%) |