

**Supplementary Table 1** Morphological characteristics of isolated bacteria

S.N.	Dilutions	Configuration	Margin	Elevation	Color	Size mm
<b>Isolated bacteria from 10% Soil extract media</b>						
1	10 <sup>-5</sup>	Round	Smooth	Convex	Bluish Cream	3mm
2	10 <sup>-5</sup>	Round	Smooth	raised	White	pinpoint
3	10 <sup>-5</sup>	Round	Smooth	Drop Like	Yellow	3mm
4	10 <sup>-5</sup>	Round	Smooth	Convex	Orange	3mm
5	10 <sup>-5</sup>	Round	Smooth	Flat	Yellowish green	4mm
6	10 <sup>-6</sup>	Punchiform	Smooth	Convex	bluish	pinpoint
7	10 <sup>-6</sup>	Round	Smooth	Raised	Orangish	1mm
8	10 <sup>-6</sup>	Round	Smooth	Convex	Yellowish green	3mm
9	10 <sup>-6</sup>	Round	Smooth	Convex	Milky white	3mm
10	10 <sup>-8</sup>	Punchi form	Smooth	Convex	Bluish	Pinpoint
11	10 <sup>-8</sup>	Round	Smooth	Convex	Yellowish	3mm
12	10 <sup>-8</sup>	Irregular	Lobate	Umbonate	yellowish	2-3mm
<b>Isolated bacteria from 0% Soil extract media</b>						
1	10 <sup>-5</sup>	Round	Smooth	Raised	Creamy	1mm
2	10 <sup>-6</sup>	Round	Smooth	Convex	Whitish cream	Pinpoint
3	10 <sup>-6</sup>	Round	Smooth	Pulvinate	Orange	3mm
4	10 <sup>-6</sup>	Round	Smooth	Raised	Orange	1mm
5	10 <sup>-6</sup>	Round	Smooth	Convex	Brown	3mm
6	10 <sup>-7</sup>	Round	Smooth	Drop like	Yellowish	1mm
7	10 <sup>-7</sup>	Spindle	Smooth	Convex	Yellow	3mm
8	10 <sup>-7</sup>	Round	Smooth	Drop like	Yellow glossy	1mm

9	10 <sup>-9</sup>	Round	Smooth	Convex	White	1 mm
<b>Isolated bacteria from Soil Extract &amp; NB media</b>						
1	10 <sup>-5</sup>	Round	Smooth	Raised	Orange	1 mm
2	10 <sup>-5</sup>	Punchi form	Smooth	Convex	Pure white	Pinpoint
3	10 <sup>-5</sup>	Round	Smooth	Drop like	Yellowish green	2-3 mm
4	10 <sup>-6</sup>	Round	Smooth	Pulvinate	Creamy white	1 mm
5	10 <sup>-6</sup>	Round	Smooth	Convex	Glossy orange	1-3 mm
6	10 <sup>-7</sup>	Punchi form	Smooth	Convex	Yellow	Pinpoint
7	10 <sup>-7</sup>	Round	Smooth	Convex	Milky white	4-5 mm
8	10 <sup>-8</sup>	Round	Smooth	Raised	Orangish	1-3 mm
9	10 <sup>-8</sup>	Spindle	Smooth	Pulvinate	Thick white	3 mm
10	10 <sup>-8</sup>	Round	Smooth	Raised	Yellow	3 mm
11	10 <sup>-9</sup>	Round	Smooth	Convex	Yellow	1 mm
12	10 <sup>-9</sup>	Round	Smooth	Raised	Creamy white	3 mm
13	10 <sup>-9</sup>	Round	Smooth	Flat	Creamy white	3 mm
<b>Isolated bacteria from Nutrient Agar media</b>						
1	10 <sup>-6</sup>	Round	Smooth	Raised	White	3 mm
2	10 <sup>-9</sup>	Round	Smooth	Convex	Thick white	3 mm

**Supplementary Table 2:** Formulation of different consortia from isolated bacteria.

<b>Consortium</b>	<b>Bacterial strains</b>			
Consortia 1	SE 2	SENB 0	0. SE 4	0. SE 2
Consortia 2	SE 3	SE 6	SENB 3	0. SE 0
Consortia 3	SENB 1	SENB 2	SENB 11	SENB 12
Consortia 4	SE 1	SE 8	SENB 9	0. SE 0
Consortia 0	SENB 6	0. SE 1	0. SE 3	NA 2
Consortia 6	SE 3	SE 9	0. SE 4	0. SE 0
Consortia 3	SE 3	SENB 11	0. SE 3	0. SE 1
Consortia 8	SE 0	SE 4	SENB 12	0. SE 0
Consortia 9	SENB 11	SENB 9	SENB 10	0. SE 6
Consortia 10	SE 1	SE 4	SENB 10	0. SE 0
Consortia 11	0. SE 1	0. SE 4	0. SE 0	NA 1
Consortia 12	SE 8	SE 2	SENB 4	SENB 12
Consortia 13	SE6	0. SE3	SENB12	SE1
Consortia 14	SE 9	SENB 3	SENB 11	0. SE 9
Consortia 10	SE 6	SE 9	SENB 10	0. SE 6