










Fungus to Bacteria Succussion Chart

Order of succession		F:B Ratio	
	Bare Parent material	100% Bacteria	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Bacteria dominated Nitrate NO3 Alkaline </div> <div style="border-left: 1px solid red; border-right: 1px solid red; border-bottom: 1px solid red; height: 100px; position: relative;"> <div style="position: absolute; top: 0; right: 0; bottom: 0; left: 0; border-left: 1px solid red; border-right: 1px solid red;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> Your F:B Ratio 1.378 </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Acidic Ammonium NH4 Fungal dominated </div>
	↓		
	Cynobacteria, True bacteria, Microarthropods Protozoa, Fungi, Nematodes	0.01	
	↓		
	Weeds, high Nitrogen	0.1	
	↓		
	Early Grass Brassicas Mustard	0.3	
	↓		
	Mid grasses Vegetables	0.75	
	↓		
	Late grasses Row crops	0.75-1.:1	
	↓		
	Shrubs Vines & Bushes	2:1-5:1	
	↓		
	Decidious Trees	5.1-100:1	
	↓		
	Conifer Old growth forest	100:1 - 1000:1	

The pictorial chart above demonstrates the natural succession of plants, from bare soil to old growth forests.

As the succession changes over time, the fungus to bacteria ratios also change. The result of your FB ratio can help you see at what conditions the FB in your soil are promoting