

Common name/ scientific name	Helpful	Harmful	Virus	Bacteria	Transmission or vector (including incubation time)	Symptoms if harmful/benefits if helpful	Cure/Treat- ment? (only if harmful)	Parts and other unique characteristics
Soil bacteria/Bacillus thuringiensis	X			X		It is a natural pesticide against moth and other insect larvae. It is being used commercially to protect crops. Kills larvae of flies that cause River Blindness in Africa.		Have been genetically engineered into some plants so that they produce the toxin on their own as a natural pest protection.
Intestinal bacteria/Escheria coli From the Enterobacteriaceae family	X	X		X	Naturally occurring in the intestines of mammals. One dangerous strain (0157:H7) is found in cattle and several others.	Infant diarrhea and gastroenteritis. 157 has also been found in unpasteurized products and water. Can also be transmitted person-to-person. Causes inflammation of intestinal wall. Severe cramps, diarrhea, and bloody stool. (3-9 days)	None really. Treatment consists of care that patient remains hydrated.	Lives in mutualistic relationship with huans where it makes vitamin K and sodium. One by-product of E. coli is flatulence. Inhibits pathogenic bacteria
Hepatitis/none 5 different forms (A,B, C, delta, E)		X	X		Polluted water, uncooked food, needles, thorns, breast milk.	Depending on type: brown urine, fever, loss of appetite, jaundice, weakness, inflammation of liver, cancer (HBV)	HAV – none HBV - vaccine	Single-stranded RNA in icosahedral shell.
Herpes/none Herpes simplex (genital and oral – cold sores)		X	X		Incubation – about 2 weeks. Transmitted by sexual contact with an infected partner.	Blister-like sores that break. May also have flu-like symptoms, including fever and swollen glands.	No real cure. Antiviral creams can help decrease length of symptoms. Even condoms may not help.	Can cause fatal problems for baby during birth. Easily transmitted when sores are present. May make host more susceptible to HIV.