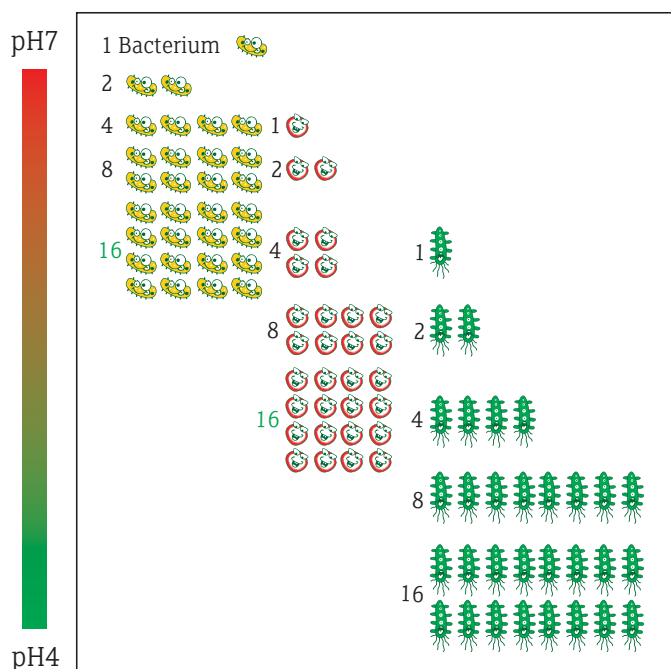


Most inoculants contain two or more different bacterial strains and claim that makes them better than a single strain inoculant such as Ecosyl (MTD/1). Not only do they have no evidence for this, with MTD/1 the opposite is true. MTD/1 is an unusual strain of *Lactobacillus plantarum*, being able to grow and multiply across the whole range of pHs seen during ensiling, from 7 down to 4. This means that all 100,000 bacteria you apply are active immediately so they dominate the fermentation faster and drop the pH faster.

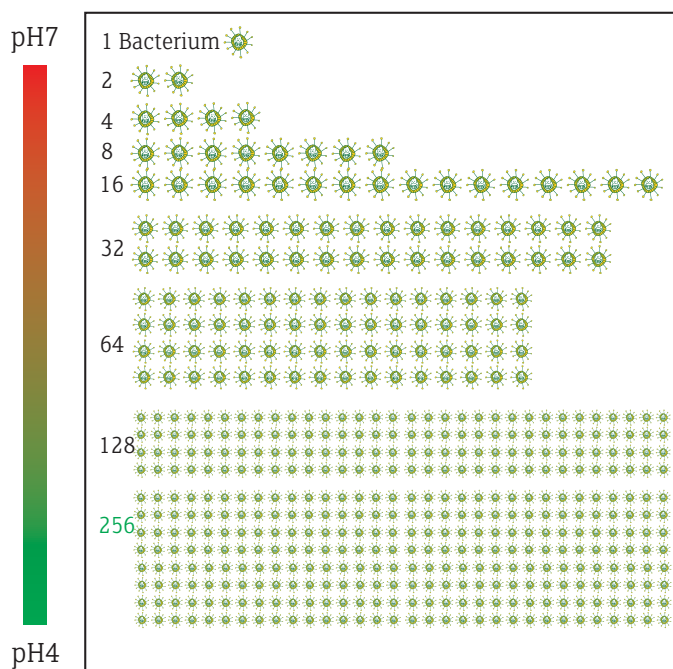
With multi-strain products each strain is fully active over a different, often fairly narrow, pH range so even if they apply more than 100,000 bacteria in total, not all are active immediately. Experts acknowledge that *L. plantarum* is the best species for silage but the strains in other inoculants don't get going until the pH is already well down – that's why they need other "helper" bacteria, such as *Pediococcus* or *Enterococcus*, to get things going.

Three Strain Product



Total bacteria at end = 48

Ecosyl MTD/1



Total bacteria at end = 256

WHICH IS THE BEST?