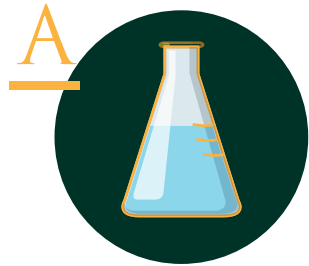




SOUTH-FLORIDA FARMING CORPORATION

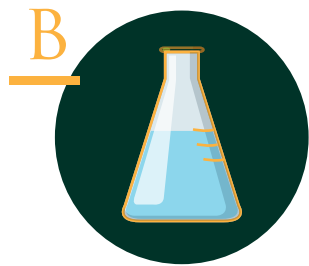
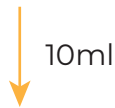
TOTAL BACTERIA QUANTIFICATION INSTRUCTIONS AND TOTAL SPORE CONCENTRATION IN COMMERCIAL PRODUCT

The dilution will depend on the concentration of the product. If the product is labeled 1010 CFU/g, choose the 10⁻⁸ and 10⁻⁹ dilutions. The best dilution is where not less than 20 and not more than 300 colonies per plate are obtained.



10⁻³

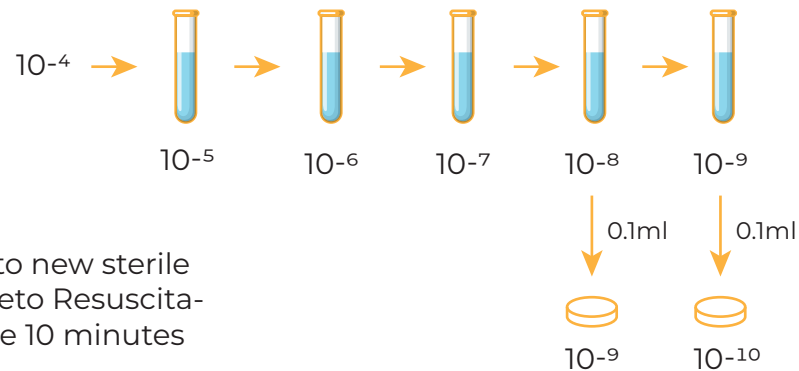
1. Weigh 0.1 grams of the Probiotic in a 250 mL sterile vial (A) with a magnet with 99.9 mL of Resuscitation medium. Homogenize the flask for 10 minutes using the magnet



10⁻⁴

2. Dilute 10 ml of Fiola (A) to new sterile Fiola (B) with 90 ml Magneto Resuscitation medium. Homogenize 10 minutes using magneto

Dilution of the sample by passing 1 mL of the last vial to test tubes with 9 mL of sol. successive resuscitation.

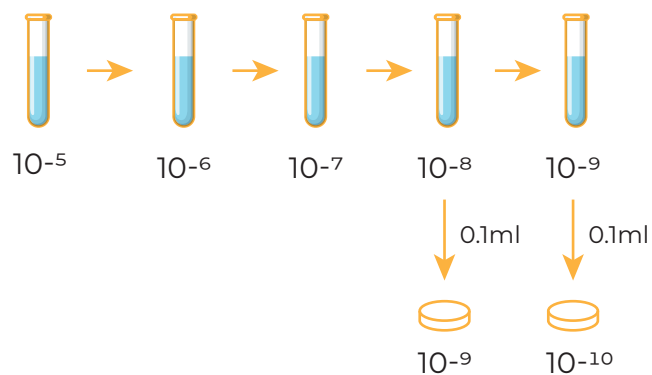


Multiply this dilution x number of colonies express as Total Bacteria

Tratamiento para seleccionar esporas

60 minutos a 45 grados. 15 minutos a 70 grados. Este tratamiento elimina todas las células vegetativas y solo deja viables las esporas o con capacidad de esporulación

Dilution of the sample by passing 1 mL of the last vial to test tubes with 9 mL of sol. successive resuscitation.



Dilution of the sample by passing 1 mL of the last vial to test tubes with 9 mL of sol. successive resuscitation.