

Application protocol for Yanini's Pig farm

The following protocol is formulated to acquire the best results on the action of OSE II Enzyme additive on purine (mix of swine's feces and urine), while trying to solve the high nitrogen levels contained in the purine.

The ideal results of this test are the reduction of the nitrogen to a level that would be safe to discard the manure back into the environment, at the same time significantly reduce the bad odor dispersed by the purine and cause of many law suits in the vicinities of the pig farms.

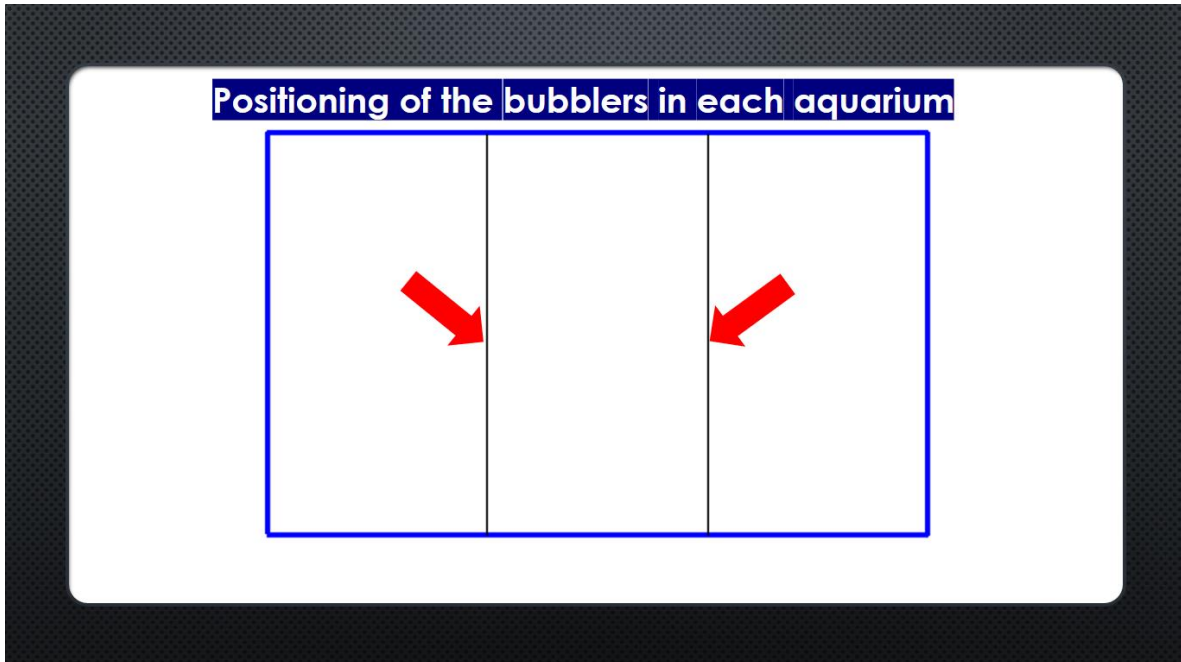
For this test, we will utilize:

- 3 glass aquariums measuring at least .
- 3 individual aeration small motors.
- Hoses appropriate to the connection with the aeration systems.
- 6 Bubblers attached to the end of the air ducts to provide better aeration, increasing bacterial action.
- 1 syringe, beaker or other device that allows liquid measuring to enable Hazsolve Solutions personnel to apply the correct amount of OSE II in each individual aquarium.
- 3 liters of non-treated well water.
- Approximately 6 liters / Kilos of purine

Using 3 diff aquariums with 1 liter of natural water + 2 liter of Purines (pig manure diluted in water) and tryout the correlations of 50 / 100 / 200.

1. **Aquarium 1** = 1 liter of non-treated natural water + 2 liters of diluted purine + **60 milliliters** of OSE II **(50/1)**.
2. **Aquarium 2** = 1 liter of non-treated natural water + 2 liters of diluted purine + **30 milliliters** of OSE II **(100/1)**.
3. **Aquarium 3** = 1 liter of non-treated natural water + 2 liters of diluted purine + **15 milliliters** of OSE II **(200/1)**.

Once the correct amounts of natural water, purine and OSE II are applied to each individual aquarium, the Hazsolve Solution representatives will mix the purine with the water and OSE II for a better distribution of the ingredients. The aeration systems will be put in place with two bubblers in each aquarium positioned in a way shown in the image below:



Once the aeration systems are in place and working properly, and as per orientation of OSE II engineers, the respective laboratory personnel, hazolve solutions representatives or Yanini's representatives will conduct the collection following the protocols established by the laboratory that will conduct the analysis.

The collections should be as follows:

1. DAY 0 - Before the application of OSE II.
2. DAY 0 – 2 hours after the application of OSE II.
3. DAY 5
4. DAY 10
5. DAY 20

6. DAY 30 - If necessary, but at the discretion of Hasolve Solutions based on the results from previous collections.

The aquariums shall be placed in an area where they will not be disturbed and **NOBODY** is allowed to introduce **ANYTHING** to the aquariums after the procedures have started.

Yanini's personnel are to be instructed **NOT TO DISTURB** the test area in any way, and if anything seems out of place as if one of the aeration systems stop working or other system's malfunction should be reported **IMMEDIATELY** to the Hazsolve Solutions personnel so the necessary actions to solve the problem be done.