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We Promise And We Deliver

HALABI CHEMICALS FARM DIGESTANT PROGRAM

The information contained in our Farm Digestant Program outlines a very simple procedure that when followed correctly, will almost guarantee positive results when using **Halabi Chemicals Liquid BioPurge Pit Treatment** to clean your pits.

1. DETERMINE THE CAPACITY OF YOUR PIT

You must know the capacity of your pit in order to determine the amount of **Liquid BioPurge Pit Treatment** required to solve your problems.

To help you determine the volume of your pit simply:

1) Multiply the length (in feet) of the pit by the width of the pit.
2) Multiply the number you calculated above by the depth of your pit.
3) Take this number, now cubic feet, and multiple it by 7.5 gallons per cubic foot. The result is the number of gallons your pit holds.

Using the chart below, determine proper BioPurge dosage required:

	0 - 250,000 GALLONS	250,000 – 500,000
WEEK 1	6 GALLONS	12 GALLONS
WEEK 2	4 GALLONS	8 GALLONS
EVERY WEEK AFTER	2 GALLONS	4 GALLONS

Our Recommendation

Halabi Chemicals recommends to schedule the weekly additions by marking them down on a calendar as not to accidently forget the addition of our **Liquid BioPurge Pit Treatment**. It is important to remember that this product is the key ingredient in developing a preventative maintenance program.

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2. CHECK THE pH OF YOUR PIT

Bacteria grows best in water that has a pH in the range of **6.0 – 8.5**. High concentrations of ammonia or run-off from fertilizers can change the pH significantly in your pit. The pH of your pit will need to be measured. If your pH falls in the appropriate range then we can proceed to **step 3** of the program.

However, if the pH reading is either below 6.0 or above 8.5 follow the instructions below:

If pH is below 6.0, add **Halabi Chemicals pH Upper** to raise the pH in the pit.
Approx. dosage: 2 gallons of **pH Upper** will raise a 500,000 gallon pit by about 0.2 pH units.
If pH is above 8.5, add **Halabi Chemicals pH Downer** to lower the pH in the pit.
Approx. dosage: 2 gallons of **pH Downer** will lower a 500,000 gallon pit by about 0.2 pH units

3. PROVIDE AIR FOR BACTERIAL

Check your pit for the presence of a thick crust. Our **Liquid BioPurge Pit Treatment** works best when air is readily available. That being said, the microbes in **Liquid BioPurge Pit Treatment** can grow in both aerobic (presence of air) and anaerobic (absence of air) conditions. The bacterial digestion happens the quickest while under aerobic conditions.

In the case that your pit is covered in thick crust, it is advised to puncture several holes into the crust to allow oxygen into your pit. If this is not possible, running a hose attached to a small air compressor, into the pit will provide the oxygen necessary for the bacteria to start and accelerate the digestion process.

4.PROPER USAGE OF HALABI CHEMICALS LIQUID BIOPURGE PIT TREATMENT

IMPORTANT: The bacteria contained in **HALABI CHEMICALS LIQUID BIOPURGE PIT TREATMENT** requires water for proper growth. **TRY TO AVOID SPREADING HALABI CHEMICALS LIQUID BIOPURGE PIT TREATMENT ON TOP OF DRY CRUSTED AREAS AS IT WILL DRY UP AND THE BACTERIA WILL END UP DEAD!**

If you follow these *4 simple steps*, within a few days, the foam and/or solids will appear and float to the top of the pit. Eventually the crust will begin to get wet, break apart and sink. Significant odour reduction occurs after one or two weeks, as the bacteria continues to feast on the solids in the pits. With the continued treatment schedule outlined in **step 1,** the crust will completely disappear and the production of foul odours will disappear completely. The sooner you begin **HALABI CHEMICALS LIQUID BIOPURGE PIT TREATMENT** to your pit, the sooner your solids and odour problems will vanish!