

SOP – Spray field application

- Record free board weekly, call in to data collection (Safe Data) and record in farm book located in pump house above mortality sheets.
- All lagoons should be pumped down to the stop pumping mark one-week prior to start of hurricane season (June) and maintained as low as possible thru November – end of hurricane season.
- Insure you have a current – no later than 90 days old-nutrient analysis or take sample on the day you start spraying for turning in the anayalis report – that will give you the most accurate contact. (*see note)
- Visually inspect all spray heads, shut offs to insure thatey are service then place no more 10 sprinklers heads into lines.
- Move pump to lagoon connect pump to intake pipe
- In fields with ditch's shut off drain pip gates
- Open shut-off (s) to lines w/sprinklers and insure all remaining lines are shut off at heads of lines
- Prime pump w/primer valve open. Once primed close valve.
- Start pump by turning selector switch to 2hr position (2 hr at a min.-if less time is desired move switch to less than 2 hrs to what ever time is desired.)
- Open line gate valve slowly to allow for air escape, then open completely
- Insure all sprinklers are working correctly and that there are no line leaks (this is a visual inspection)
- Record all required info on IRR-1
- Check all remaining lines and heads for leaks
- Continue to check pump lines and heads every 30 mins. During the spraying event
- When pump is stopped by timer, shut off all line valves and heads, move sprinklers and continue spraying event
- After event ends shut off all lines, disconnect all pump lines, clean and store pump in shed next to office
- Note: in the event of a pipe failure the pump will lose its prime and automatically shut off. If pipe failure occurs and water gets into ditches use gasoline pump and lines (located behind office) to return wastewater to lagoon.

Note 1* Procedures are located in Operations of Animal Waste Management Manual located on office bookshelf.