

Final Report

Project Number: FNE-03-480

Bradford Morse Project Leader

SARE Award: \$5500

Expenses to date:

Personnel:

Brad Morse 100 hrs @ \$25/hour=\$2500

Field Laborers 100 hrs @ \$12/hour=\$1200

Irrigation supplies= \$450.00

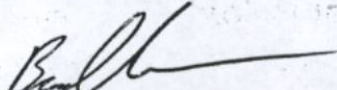
Fertilizer= \$400

The evaluation of liquefied manure from the cranberry bog / partitioned aquaculture system fish farm applied as a fertilizer for a beach plum crop. The beach plum crop that was planted in the spring of 2002 were measured and mulched during the start of this project. The fertilizer applied during the first year was a commercially bagged 19-19-19 fertilizer. All beach plum seedlings received this application except the control rows. This type of fertilizer was used because not enough fish waste was generated to be used. Thus, the PAS system does not make this project feasible.

Although the beach plum plants have done very well during the past few growing seasons all fertilizer has been 19-19-19 dry granular. Again this was due to lack of fish waste generated by the fish farm.

The fish farm has been down-sized due to the increase in expenses to run the operation and a lower demand for fish at the price which covers rising costs. The fish farm operation has been down-sized to a supply yield of 100 to 200 fish per year. This will not produce enough waste to fertilize the beach plum farm.

In conclusion, the beach plum plants are maturing nicely and we were able to harvest our first crop this year. The crop this year was processed into hundreds of jars of beach plum jelly being used for fund-raising ventures. The profit from the jelly was donated to the **Feed the Children Organization** and for the Brandon McGee Music Scholarship.



Brad Morse