



- Nile Tilapia (Oreochromis niloticus) are the fish of choice for most aquaponic operations
- > These fish are easy to raise and make a lot of fertilizer
- ➤ When these fish reach 1 1/2 pounds they are sold to a local market







Deliver to Local Restaurants...





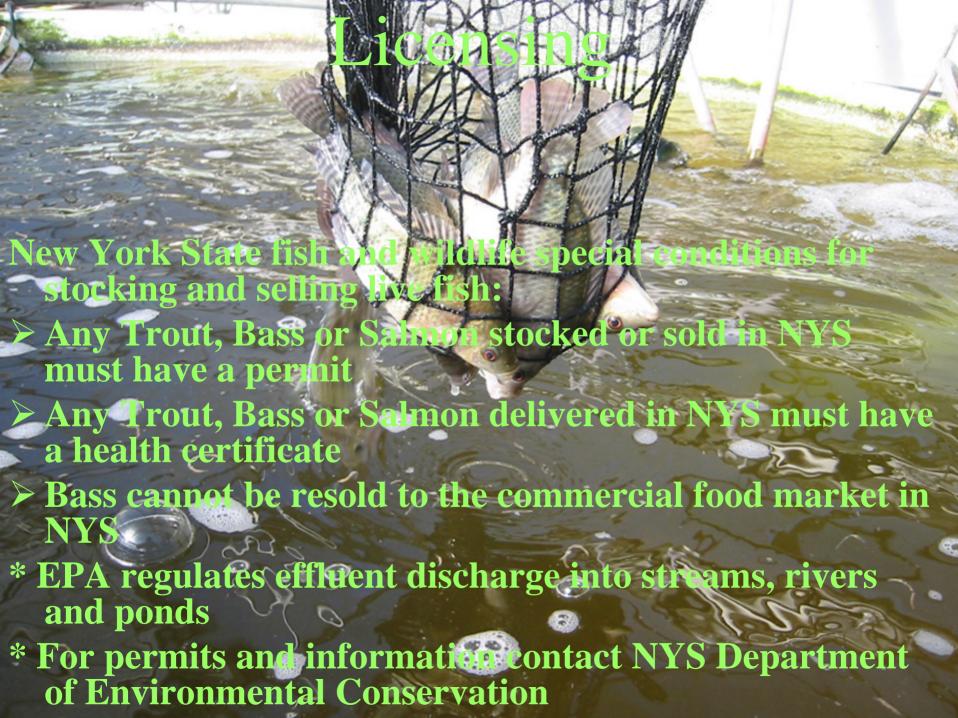






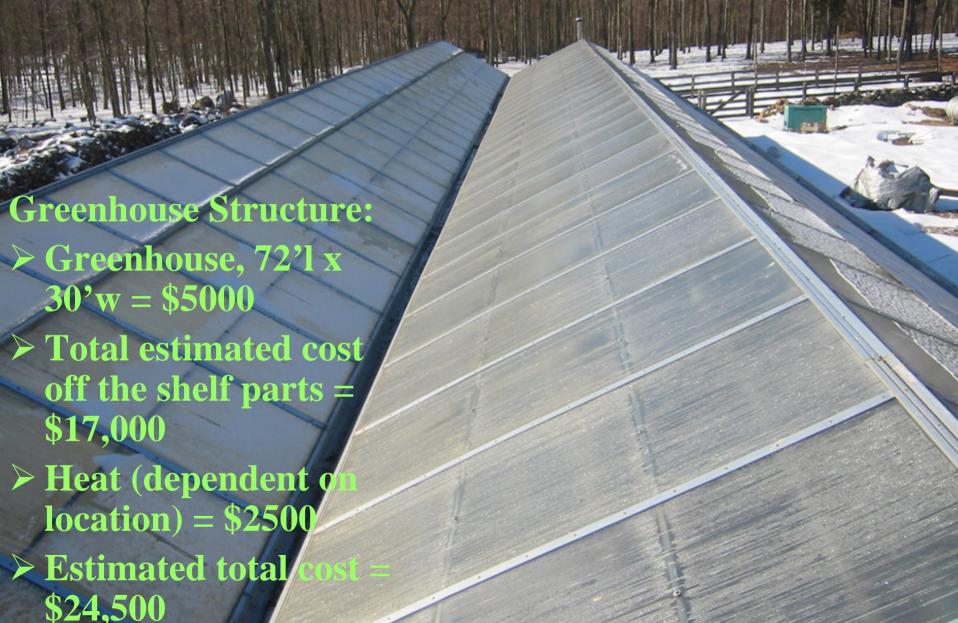








Greenhouse Structure and Cost



Annual Production Cost Fish and fish supplies = \$5,000 > Seeds and plant supplies = \$4, > Electricity = \$8,000 > Heating (dependent on location) \triangleright Office and phone = \$1,000 > Vehicle maintenance = \$1,000



System Management

THEAPIA WASTER QUALITY REQUIREMENTS

Temp:	76 82 E
DO	> 3.5 ppm
NH3 N	< 3.0 ppm
NO2	< 2.0 ppm
pH 7.0	7.5 ppm
Cl:NO2(Ratio)	7:1 ppm
Alkalinity	150 ppm
Hardness	> 100 ppm
C02	< 40 ppm

TILAPIA FEEDING RATES

Fish size	% Feed	
0-20 gr	8-10%	{
20-60 gr	6%	4. 6
60-150 gr	5%	
150-250 gr	4%	3/5
250-400 gr	- 3%	er.
400-500 gr	2%	6
>500 gr	1%	
* % of feed x t	otal grams	of fish
= feed per day		

