Feed Workshop

1. Opportunities
   a. Increase demand of local products
   b. Provide value added products for retail sale
   c. Collaboration among producers to improve economics
   d. Decrease feed cost
      i. local feed production with local ingredients
      ii. develop the feed mill
   e. Create forums or mechanisms for information exchange and collaboration
      i. animal nutritionist to inform producers of feed choices
      ii. create workshops for sector collaboration
   f. Increase food security
      i. increase local protein production
      ii. increase market diversity within individual sectors
      iii. increase diversification of products
   g. Update state agriculture policies and regulations
   h. Enhance nutrient recycling
      i. decrease cost of waste disposal and waste treatment
      ii. reduce chemical fertilizer requirements
   i. Increase local employment
      i. increase tax base
      ii. increase revenue retention
   j. Create export industry and expand existing industry
   k. Increase renewable energy production
      i. biofuels from animal waste
   l. Integrate feed production and energy production

2. Challenges
   a. Infrastructure to produce a consistent output of products
      i. Processing
      ii. Transportation
   b. Have a consistent input
      i. Availability of feed ingredients
   c. Supply a consistent output
      i. Quality feed products
   d. Lack of integration among various sectors
      i. Lack of infrastructure
      ii. Lack of coordination
      iii. Inability to create synergy among sectors
         1. lack of systems thinking due to regulation “overkill”
      iv. Reinvest in existing facilities
   e. Need for a nutritionist/coordinator
      i. Go-between farmers and feed mill and feed source provider
      ii. Nutritional analysis of feed stuff – species specific
      iii. Facilitate feed trials
   f. Reinvigorate UH extension service by resource allocations
g. Access to and reasonable cost of water
h. The culture of local agriculture
  i. Focus is too narrow
    1. inability to see the big picture
i. Availability of land
j. Conflicting government priorities
  i. Example: prime agriculture land vs housing development
k. Lack of leadership at the highest level
l. Unwillingness for government to finance the public good
m. Lack of capital and other resources; especially small farmers
  i. Economy of scale
    1. the bigger the farm, the more resources available
n. Outdated agriculture policies
o. Lack of connection among the government, private sector, and farmer
   caused by unattended consequences of government inaction

3. Needed Resources
   a. Industry appointed coordinator and support staff that oversees all livestock and aquatic species activities
      i. Fulltime position
      ii. Example: Hawaii Livestock Coalition
   b. Government cooperation from high level authority
      i. Interagency coordination for permitting and licensing
         1. Prevent/resolve conflicting laws and policies among agencies
   c. Government agency training and education in agriculture needs
   d. Funding for nutritionist to evaluate and recommend local feedstuff
      i. Based on quality and availability
   e. Funding to help small farmers comply with regulations
      i. Direct guidance from government agencies and access to publications

4. Priorities and Starting Point
   a. Feed mill
   b. Industry wide coordinator
      i. All inclusive, every aspect of livestock agriculture
   c. Investment in a slaughter and processing facility
      i. Repair and upgrade existing facilities
      ii. Production of alternative energy from waste products
   d. Affordable interisland transport of goods and services
   e. Efficient transfer of industry needs to policy makers
   f. Ensure viability of small farmer by implementation of workshops that cover pertinent topics
   g. Require impact analysis of government policies and legislative action on small farms in every sector

5. Other Stakeholders
   a. Glen Fukumoto
   b. Rep. Clift Tsuji
c. Sen. Gil Kahele
d. Harry Ako
e. OHA
f. DHHL
g. The consumer
h. USDA, NRCS
i. Farm Bureau
j. Hawaii Livestock Coalition
k. Presidents of each livestock organization
l. Diamondhead Seafood
m. DLNR
n. SHPD
o. Mayor Billy
p. Governor Neil Abercrombie