O.A.C. Hive Top Feeder

Materials needed for each feeder:

1) approximately 10' of 3/4" x 5 1/2" pine.
2) 16" x 20" of good one side 1/4 fir plywood.
3) galvanized nails, wood glue, caulking, paint.

Refer to drawing to visualize the following parts:

1) ENDS (x2)
   - 16 5/8" long
   - 5 1/2" wide
   - 3/4" thick
   - dado on each end
     - 3/4" wide
     - 5/16" deep
   - partition dadoes
     - 3/4" wide
     (starting 7 1/4" in from each end)
     - 5/16" deep
   - bottom groove
     - 5/16" wide
     (starting 5/16" from bottom edge)
     - 1/4" deep

2) SIDES (x2)
   - 19 1/4" long
   - 5 1/2" wide
   - 3/4" thick
   - bottom groove
     - 5/16" wide
     (starting 5/16" from bottom edge)
     - 1/4" deep

3) PARTITIONS (x2)
   - 19 1/4" long
   - 4 1/4" wide
   - 3/4" thick

4) BOTTOMS (x2)
   - 1/4" G.I.S. fir plywood
   - 7 1/2" wide
   - 19" long
**Assembly**

1) test fit all pieces together and plan assembly order.  
2) glue and nail all joints together.  
3) caulk inside seams of feeder.  
4) paint exterior of feeder.  
5) ideally seal wood on inside of feeder by dipping entire feeder in molten parrafin wax.

**Use**

To prevent bees from drowning in syrup, staple 8 mesh hardware cloth on the syrup side of each partition and put approximately 2" of clean straw in each side of feeder. Wooden rafts could also be used.

Drizzling a small amount of syrup between partitions when filling feeder seems to encourage the bees to get started working in the feeder.