

CORNHOLE GAME BOARD

With ProWood® Professional Grade pressure-treated lumber, you can easily build this full-size cornhole game board and expand your outdoor activities. This plan includes a list of materials and instructions you will need to build a complete pair of game boards. Bonus: Also included are the instructions and list of materials to make eight cornhole game bags!

Materials

For two 24" x 48" game boards:

- One 4' x 8' x 1/2" ProWood® pressure-treated plywood (dry) or untreated wood
- Four 2" x 4" x 8' ProWood® pressure-treated boards (dry) or untreated wood
- One box of 3" #8 galvanized all-purpose screws
- One box of 1-5/8" #8 galvanized all-purpose screws
- Exterior wood glue

Optional:

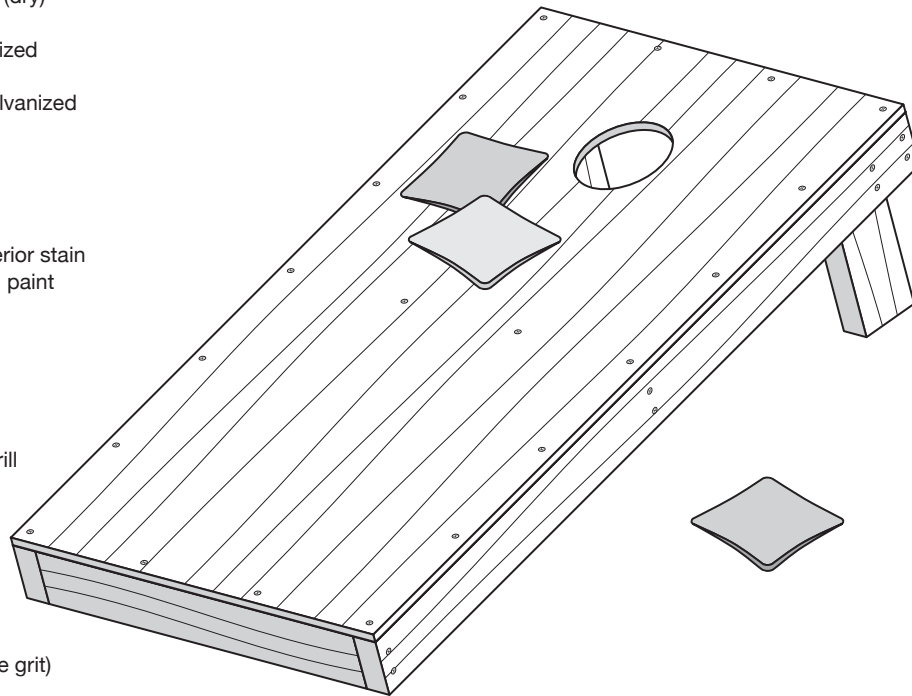
- Wood putty
- One quart of quality exterior stain and sealer or primer and paint

Basic Tools

- Circular or table saw
- Jigsaw
- Drill and 1/8" drill bit
- Countersink bit
- Screwdriver (or power drill with screwdriving bit)
- Tape measure
- Carpenter's square

Optional:

- Putty knife
- Assorted sandpaper (coarse, medium and fine grit)
- Paint or stain brush



Bonus: Cornhole Game Bags

Materials

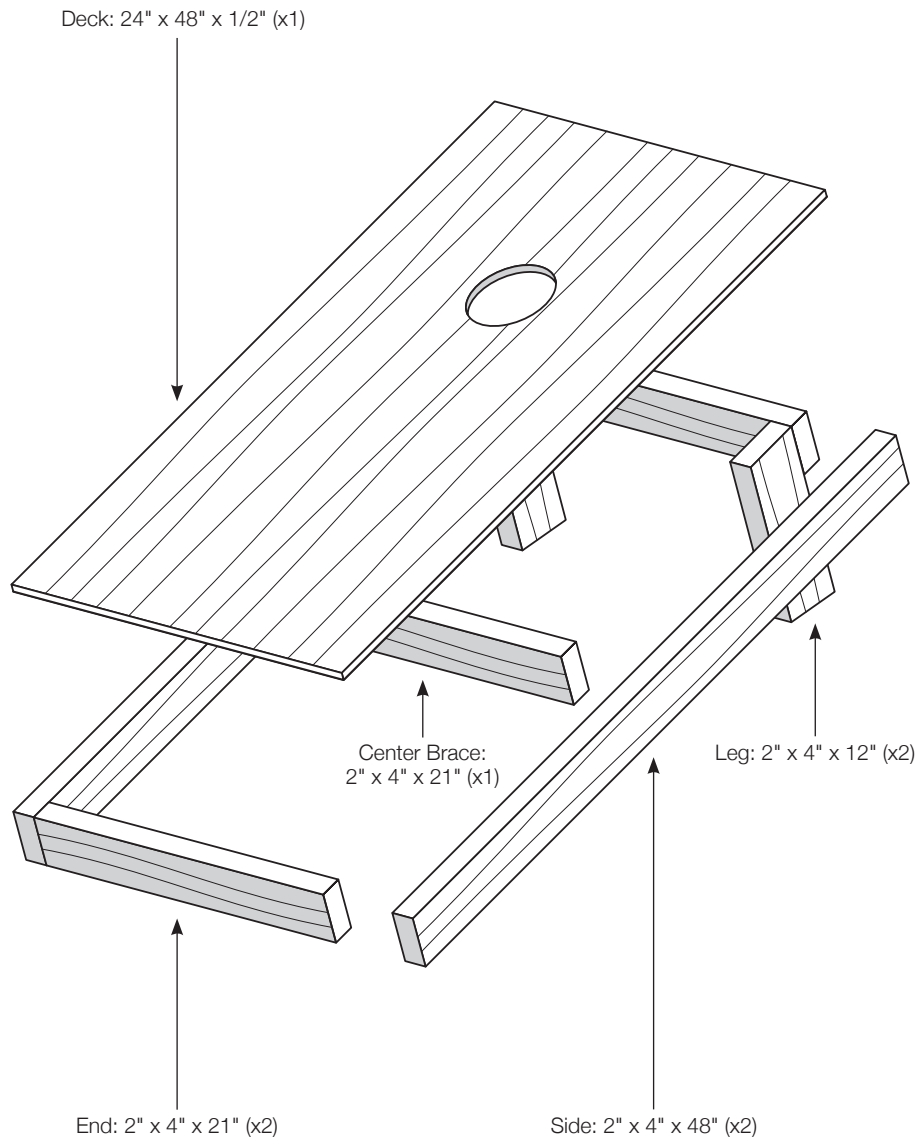
- One to two yards each of two different colors of lightweight duck cloth
- Sixteen cups of feed corn (approximately 8 lbs.)

Basic Tools

- Tape measure
- Scissors
- Sewing machine or heavy-duty sewing needle
- Heavy-duty or upholstery thread



If your wood project touches the ground, use pressure-treated lumber that is rated for ground contact to ensure long-term performance.



Cut Lumber to Size

Caution: Always wear gloves, a dust mask and eye protection when sawing, sanding or machining wood.

Using a circular or table saw on a clean, flat, level surface, cut the ProWood® pressure-treated wood for the components of the cornhole game boards as follows:

- Deck: Two 24" x 48" x 1/2"
- Ends: Four 2" x 4" x 21"
- Center Brace: Two 2" x 4" x 21"
- Sides: Four 2" x 4" x 48"
- Legs: Four 2" x 4" x 12"

General Assembly Advice

- Establish a screw pattern to enhance the overall look and feel of the final assembled product.
- Pre-drill all screw holes to ease the insertion of screws into the wood and prevent splitting.
- Countersink all screws so the head of a countersunk screw, when screwed into the hole, will sit flush with or below the surface of the surrounding material.

Fig. 1

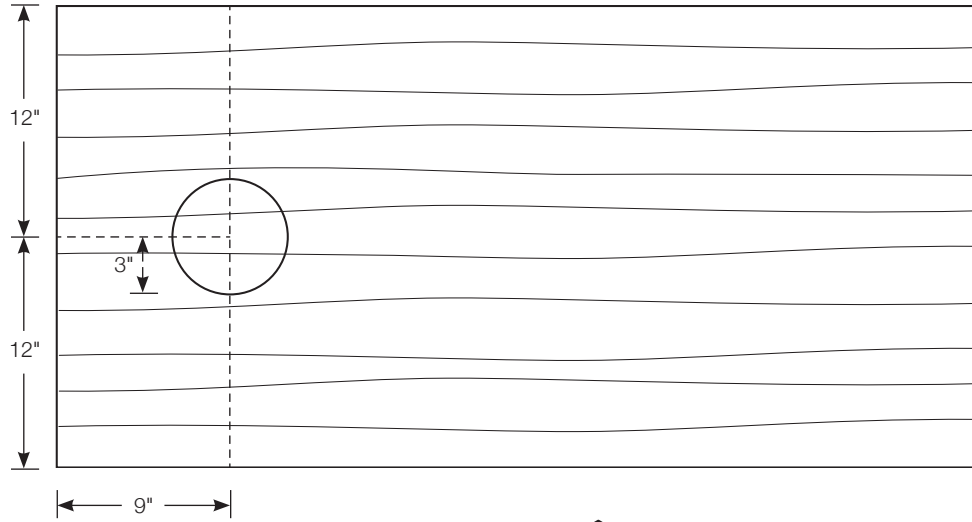


Fig. 2

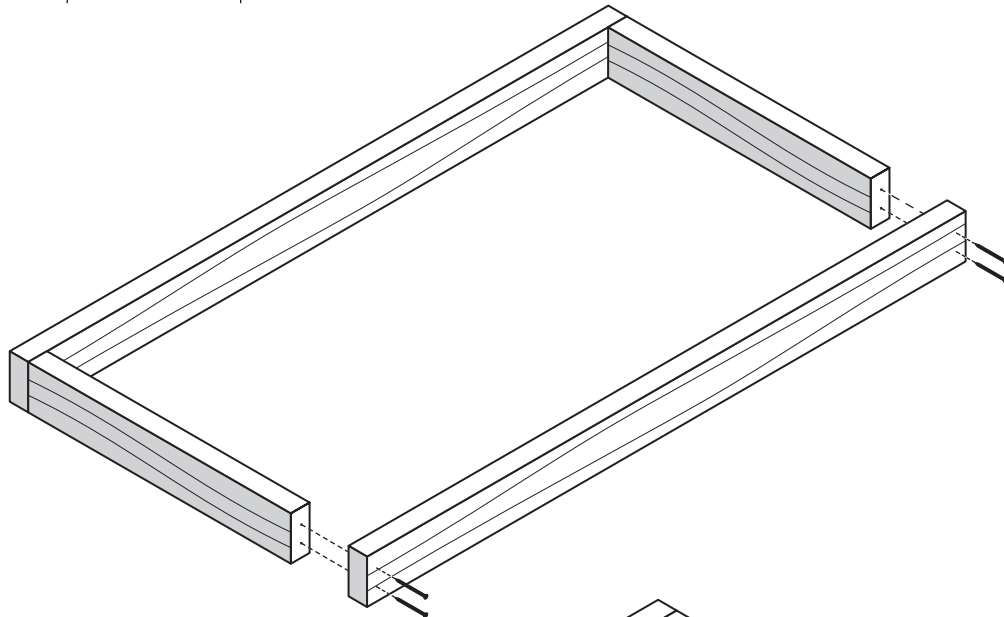


Fig. 3

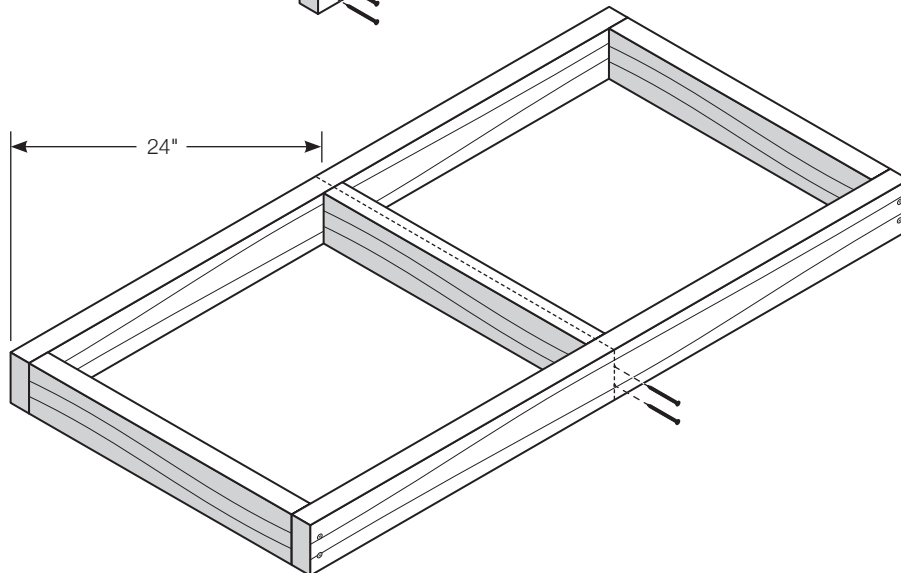


Fig. 4

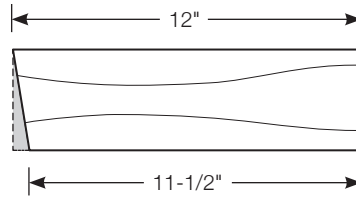


Fig. 5

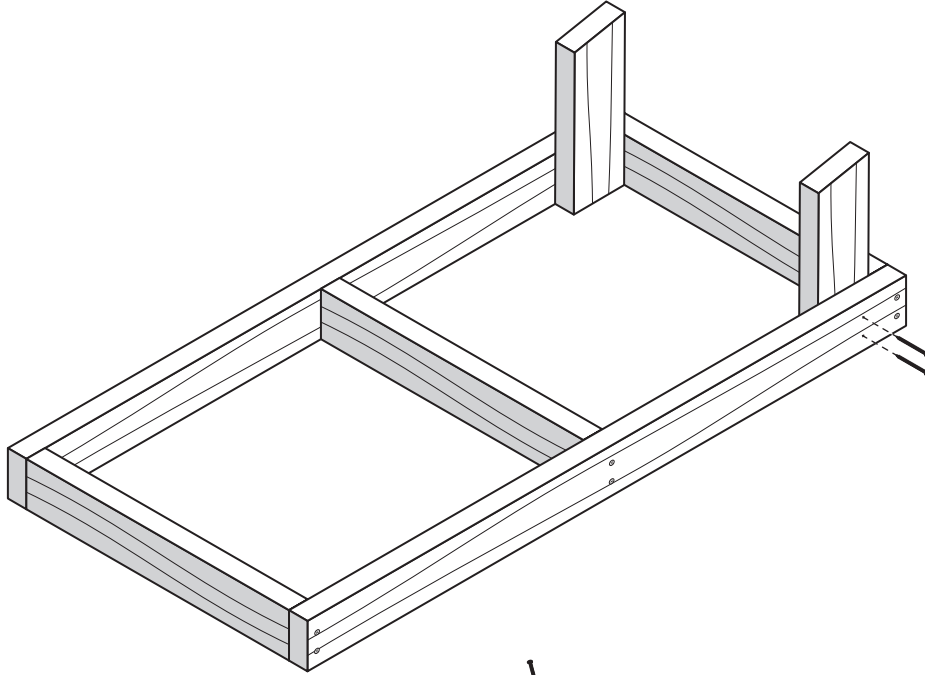
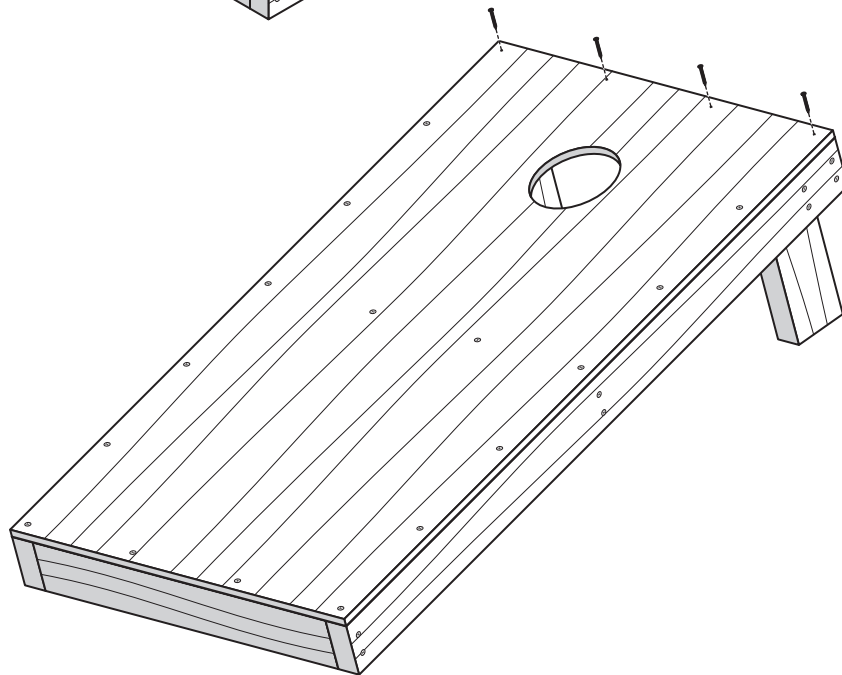


Fig. 6



Cut the Deck Holes

Refer to Fig. 1 illustration on page 3.

- On one 24" x 48" x 1/2" pressure-treated plywood, measure and mark a spot 9" in from one 24" end and centered 12" in from each 48" side.
- Position a compass point at that intersection and draw a 3" radius circle (6" diameter total).
- Drill a hole anywhere inside the circle for the jigsaw blade and use the jigsaw to cut out the circle.
- Repeat the above process to measure and cut a hole in the second sheet of pressure-treated plywood.

Assemble the Frames

Refer to Fig. 2 illustration on page 3.

- Select and position two 2" x 4" x 48" side boards and two 2" x 4" x 21" end boards in order to form a rectangle. The 21" end boards need to be positioned between (inside) the two 48" side boards.
- Make sure all four corners are flush and square and attach the side boards to the end boards using 3" #8 galvanized all-purpose screws and wood glue.
- Repeat the above directions to assemble the second frame.

Attach the Center Braces

Refer to Fig. 3 illustration on page 3.

- Measure and mark a line that's centered along the top edge of each side board.
- Position and center-align one 2" x 4" x 21" center brace between the two side boards.
- Make sure the top of the boards are flush and square and attach the side boards to the center brace using 3" #8 galvanized all-purpose screws and wood glue.
- Repeat the above directions to attach the second center brace to the second frame.

Attach the Legs

Refer to Figs. 4 and 5 illustrations on page 4.

- Select one 2" x 4" x 12" leg. Measure and mark a line 11-1/2" in from one end. Draw a diagonal line connecting that 11-1/2" mark to the opposite corner of the 12" side. Cut along that diagonal line.
- Lay the assembled frame down on a flat surface. Position the leg along one inside frame corner making sure the 11-1/2" diagonal cut is above the frame and facing inward.
- Attach the leg to the inside frame corner using 3" #8 galvanized all-purpose screws and wood glue.
- Repeat the above directions to attach the second leg to the opposite inside frame corner.
- Repeat the above directions to attach the other two legs to the inside corners of the second frame.

Attach the Decks

Refer to Fig. 6 illustration on page 4.

- Select one deck and lay it on top of an assembled frame. Make sure the deck's "best side" is facing outward and its hole is on the same end as the frame's legs.
- Align and flush the deck along the top outer edge of the frame.
- Attach the deck to the top of the frame and its center brace using 1-5/8" #8 galvanized all-purpose screws and wood glue.
- Repeat the above directions and attach the second deck to the other assembled frame.

Finish the Assembled Game Boards

- Use a putty knife and apply exterior wood putty to all countersunk holes.
- When putty has dried, use coarse, medium and fine grit sandpaper to smooth and debur all surfaces, including in and around the cut holes. Ideally, the top of the deck should be completely smooth.
- To preserve the final game boards, apply a quality exterior stain and sealer or primer and paint.

Bonus: Cornhole Game Bags

Prepare the Fabric

- Preshrink the fabric using a washer and dryer.
- Measure, mark and cut the fabric into eight 7" x 7" squares for each of the two different colors (or sixteen 7" x 7" squares total).

Sew the Bags

- Use upholstery thread or another heavy-duty thread to sew two squares together back-to-back.
- Sew each bag with 1/4 – 3/8" hems so when filled, they will measure 6" x 6".
- Leave a small section unsewn (to fill bags with feed corn).
Tip: The unsewn section can be anywhere from 1" long to a complete side.
- Turn the bags inside out so the seams are invisible.

Fill the Bags

- Each cornhole bag should be filled with approximately two cups of feed corn each so it weighs 14 – 16 oz. (1 lb.).
Tip: For easier filling, use the top of a pop or water bottle as a funnel.

Finish the Bags

- Double stitch the opening with a whip stitch or sewing machine.

Clean, odorless, nonstaining and nonirritating, ProWood MCA (micronized copper azole) treated lumber is safe for humans, animals and the environment. The process we use to treat has gained Environmentally Preferable Product (EPP) status as certified by Scientific Certification Systems (SCS), a third-party certification services and standards development company. The preservative in ProWood MCA treated lumber has earned NAHB's Green Approved Product Certification and the GREENGUARD Children & Schools Certification.



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