



Finished size and design

Jars of Late Summer
A row-by-row harvest of half-square lids and folded-cloth shelves.

Finished quilt: 59½ × 55½ in, measured inside the binding. Twenty-four upright jars form four rows of six. Each jar unit finishes at 9 × 12 in; five ½-in vertical sashings separate the units in each row. Three 1½-in cream shelf bands separate the rows. A 1½-in cream border surrounds the field; a slate-blue binding frames it. Use ¼-in seams throughout. Construction is straight machine piecing with stitch-and-flip upper jar corners; the fine diagonal lines seen across the jars are *quilting*, not piecing.

Coordinates below are measured in finished inches from the upper-left corner of the indicated unit or of the complete quilt. All jars are upright: no block is rotated or mirrored. Finished dimensions describe the visible portion after assembly; unfinished dimensions include the next enclosing seams.

Materials and yardage

Fabric ID and color placement	Purchase; 42-in usable width	Cutting basis
Fabric A — warm cream muslin: background, corner triangles, sashings, shelves, borders	2½ yd	67¼ in of WOF-strip width; 76½ in purchased
Fabric B — mottled slate blue: all lids and binding	¾ yd	5 in for lids plus 17½ in for binding strips
Fabric C — tomato red: eight bodies	⅝ yd	Two 10-in WOF rows
Fabric D — dill green: seven bodies	⅝ yd	Two 10-in WOF rows
Fabric E — honey amber: five bodies	⅝ yd	Two 10-in WOF rows
Fabric F — plum: four bodies	⅙ yd	One 10-in WOF row
Soft gingham backing, 42-in usable width	3¾ yd	Two 64-in lengths; 128 in consumed before reserve
Batting	At least 68 × 64 in	At least 4 in beyond each quilt edge

Also have cream and blue piecing thread, low-contrast cream quilting thread, 80/20 or similar batting, a walking foot, safety pins or basting spray, rotary cutter, ruler, mat and removable marking pencil. Fabrics are standard quilting cotton. Press and square the fabric before cutting; maintain the stated 42-in usable width. Directional prints run vertically on P1 jar bodies.

Cutting

Piece ID legend: P1 jar body; P2 stitch-and-flip shoulder square; P3 blue lid; P4 upper background; P5 background at each end of lid; P6 background below lid; P7 left/right body background; P8 lower background; P9 vertical sashing; P10 shelf band; P11 left/right border; P12 upper/lower border; P13 binding. Every rectangular cut dimension below includes ¼-in allowance on all four sides. Cut P2 squares exactly as specified; their diagonal is the sewing line, not an extra patchwork seam.

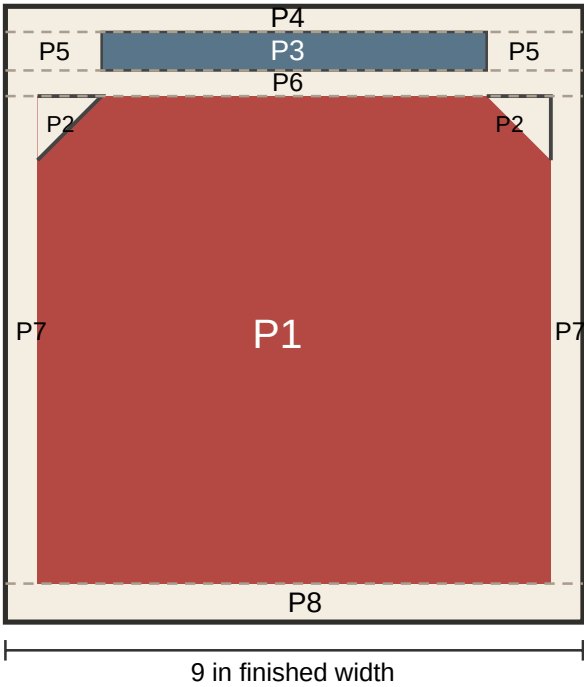
Fabric	ID / shape	Quantity	Cut size, inches	Finished role / grain
C / D / E / F	P1 rectangle	8 / 7 / 5 / 4	8½ × 10	8 × 9½ body; 10-in side follows vertical grain
A	P2 square	48	1½ × 1½	Two 1-in diagonal shoulders per body; no mirroring
B	P3 rectangle	24	6½ × 1¼	6 × ¾ lid; long dimension horizontal
A	P4 rectangle	24	9½ × 1	9 × ½ upper background
A	P5 rectangle	48	2 × 1¼	Two 1½ × ¾ lid-end backgrounds
A	P6 rectangle	24	9½ × 1	9 × ½ gap beneath lid
A	P7 rectangle	48	1 × 10	Two ½ × 9½ body-side backgrounds
A	P8 rectangle	24	9½ × 1¼	9 × ¾ lower background
A	P9 rectangle	20	1 × 12½	½ × 12 vertical sashing
A	P10 pieced strip	3	2 × 57 assembled raw	1½ × 56½ shelf; horizontal grain along length
A	P11 pieced strip	2	2 × 53 assembled raw	1½ × 52½ side border
A	P12 pieced strip	2	2 × 60 assembled raw	1½ × 59½ top/bottom border
B	P13 WOF strip	7	2½ × 42	Double-fold binding; joined with diagonal seams

Exact WOF cutting plan

Cut P1 four across each 42-in WOF row ($4 \times 8\frac{1}{2} = 34$ in): two 10-in rows each from C, D and E; one 10-in row from F. Cut blue P3 six across each 1¼-in WOF row ($6 \times 6\frac{1}{2} = 39$ in), four rows total. Reserve seven additional 2½-in WOF strips of B for P13.

Cut A in separate WOF strips, subcutting along the strip: P2, two 1½-in strips (28 squares fit across each); P5, three 1¼-in strips (21 per strip); P4, six 1-in strips (four per strip); P6, six 1-in strips; P7, twelve 1-in strips (four 10-in pieces per strip); P8, six 1¼-in strips; P9, seven 1-in strips (three 12½-in pieces per strip). Cut five 2-in WOF strips for P10: three full 42-in segments and three 15½-in segments from the remaining two strips. Sew one of each segment together with a ¼-in straight seam to obtain each 57-in raw shelf. Cut three 2-in strips for P11: two 42-in segments plus two 11½-in segments from the third strip; piece to 53 in raw. Cut three more 2-in strips for P12: two 42-in segments plus two 18½-in segments from the third strip; piece to 60 in raw. The A strip widths total 67¼ in; all pieced lengths account for the ½ in consumed at their joining seams. Press strip-joining seams open.

Piecing and unit construction



Finished unit coordinates (in):

P4 y = 0–½; P3 y = ½–1¼

P6 y = 1¼–1¾

P1 y = 1¾–11¼

P8 y = 11¼–12

Body x = ½–8½

Lid x = 1½–7½

Shoulder slopes: (½, 2¾) to (1½, 1¾), mirrored on right.

P2 is sewn on each upper corner of P1, then flipped.

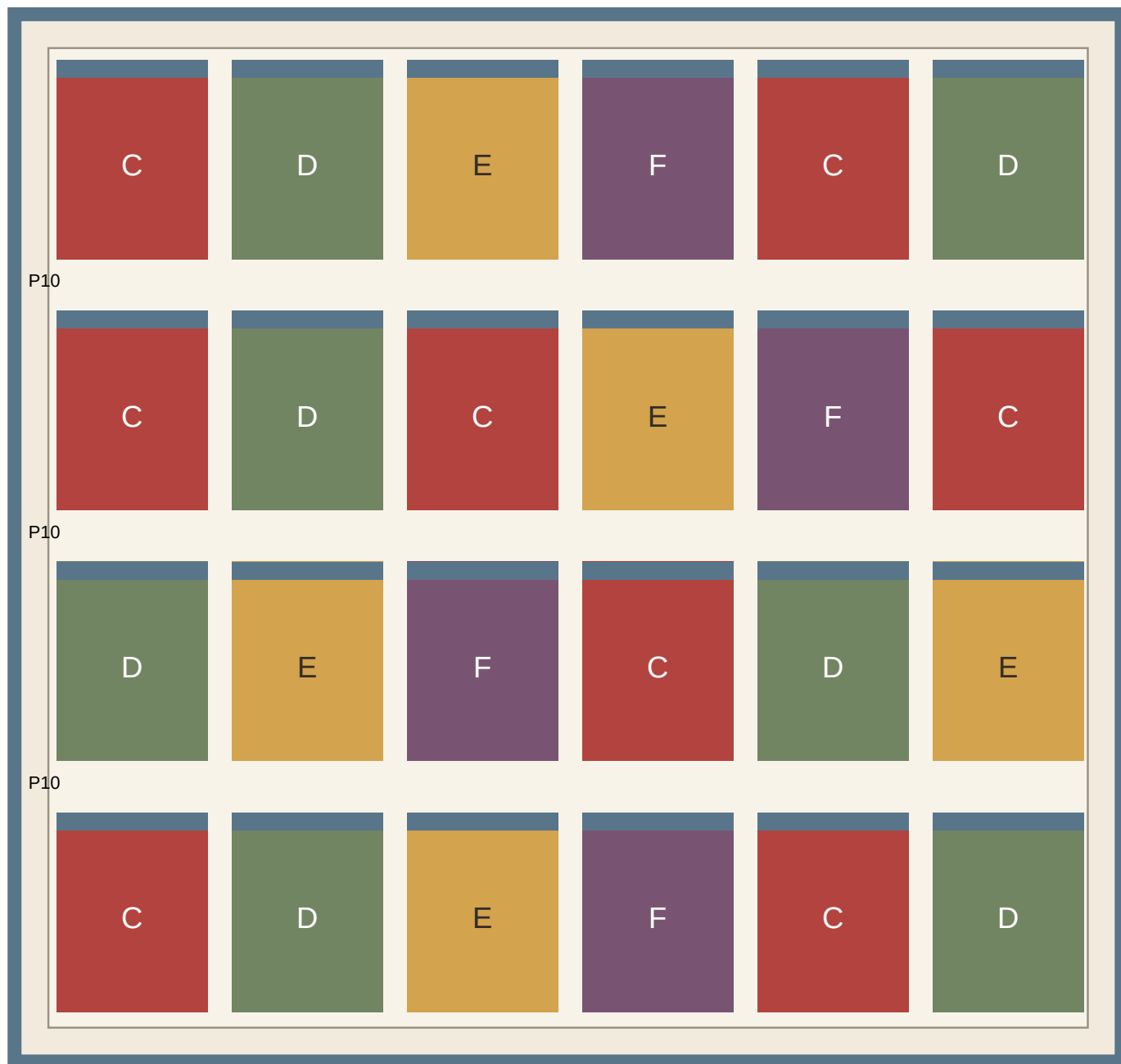
Finished unit: all positions are measured from its top-left corner. The diagonal P2 seams form the two jar shoulders; diagonal lines crossing the entire quilt are quilting only.

- For every P1, place one A P2 right sides together at each upper corner, edges flush. Draw the corner-to-corner diagonal on the wrong side of P2 so its line runs from the point 1½ in inward along P1's top edge to the point 1½ in down its side edge. Sew on the line. Trim the outer corner ¼ in beyond the stitching; flip P2 outward and press toward the cream. Repeat at the other upper corner, mirrored in position but using the same square. P1 remains 8½ × 10 in unfinished; the visible finished shoulders rise 1 in diagonally.
- Sew one P7 to each vertical side of the prepared P1, full 10-in edges aligned. Press toward P1. The completed body band is 9½ × 10 in unfinished.
- Make each lid band P5–P3–P5, with P3 centered and its long edge horizontal. Press toward P3. Band measures 9½ × 1¼ in unfinished; its visible blue area is 6 × ¾ in.
- Assemble each unit from top to bottom P4, lid band, P6, body band, P8; align raw 9½-in edges at each join. Press seams toward the cream when possible, otherwise open. Completed unit is 9½ × 12½ in unfinished, finishing at 9 × 12 in. Check that lid and top of jar both occupy x = 1½–7½ in, and that the body is centered.

Color variants: C red units: 8; D green: 7; E amber: 5; F plum: 4. All four are constructed identically; only P1 fabric and the specific row/column assignment below differ. P3 remains B blue and every background piece remains A cream for every variant.

Quilt top assembly

Map key: C red, D green, E amber, F plum. Entries identify the P1 body fabric. All blocks are upright (0°), all lids face the top edge. P9 is inserted between neighboring jars in every row; a continuous P10 runs between adjacent rows. The upper edge of row 1 is the quilt's upper edge.



Complete layout map, top to bottom. Cream channels between colored shapes include the narrow P9 sashings and the backgrounds already built into each jar unit. Blue lid bars are P3.

1. Make each of four rows by alternating six $9\frac{1}{2} \times 12\frac{1}{2}$ -in unfinished units and five P9 $1 \times 12\frac{1}{2}$ -in sashings in the mapped order. Match top and bottom edges; press joins toward P9. Each completed row is **$57 \times 12\frac{1}{2}$ in unfinished** and finishes at $56\frac{1}{2} \times 12$ in.
2. Join rows from top to bottom with three P10 2×57 -in unfinished shelf bands. Press joins toward P10. The field is **57×53 in unfinished**, finishing at $56\frac{1}{2} \times 52\frac{1}{2}$ in. The shelves occupy finished quilt $y = 13\frac{1}{2}$ –15, 27–28½ and 40½–42 in, after including the upper border.
3. Sew P11 to both vertical sides of the field; press outward. Top now measures **60×53 in unfinished**. Sew P12 to the top and bottom; press outward. Top measures **60×56 in unfinished** and finishes at **$59\frac{1}{2} \times 55\frac{1}{2}$ in**. The 1½-in borders cover $x = 0$ –1½ and 58–59½; top and bottom borders cover $y = 0$ –1½ and 54–55½.

Check: $6 \times 9 + 5 \times \frac{1}{2} + 2 \times 1\frac{1}{2} = 59\frac{1}{2}$ in wide; $4 \times 12 + 3 \times 1\frac{1}{2} + 2 \times 1\frac{1}{2} = 55\frac{1}{2}$ in high. Within each row, jar centers are at finished quilt $x = 6, 15\frac{1}{2}, 25, 34\frac{1}{2}, 44$ and 53½ in; row centers are $y = 7\frac{1}{2}, 21, 34\frac{1}{2}$ and 48 in.

Basting, quilting and binding

Backing: Cut two 64-in lengths of gingham from the purchased 3¼ yd. Remove selvages and join their 64-in edges with a ½-in seam, pressing open. From the joined panel cut a centered backing at least 68×64 in; align gingham checks across the join. The two 64-in cuts consume 128 in, leaving 7 in cutting reserve. Lay the backing wrong side up, batting centered, top right side up; baste from center outward, keeping at least 4 in of backing and batting beyond each quilt edge.

Quilting: Stitch in the ditch along P9 sashings, both sides of every shelf band and the inside edge of the border. Then mark a continuous 45° diagonal grid at **1-in perpendicular spacing** across jars and cream field; add the opposing 45° lines at the same spacing to make the small diamond lattice visible over the colored jar bodies. Continue the fine lines through lids and shelves, without inventing additional pieced diamonds. On each shelf stitch two extra straight horizontal lines, ⅜ in from its upper and lower finished edges, suggesting folded fabric. Quilt a simple line ½ in inside the outer border edge. Use even walking-foot stitches about 2½ mm long; begin near the center and work outward, alternately reversing travel direction to prevent drift.

Binding: Perimeter = $2(59\frac{1}{2} + 55\frac{1}{2}) = 230$ in. Allow 12 in for joining and closing: 242 in required. Seven P13 WOF strips yield approximately $7 \times 40 = 280$ usable inches after bias joins, safely exceeding 242 in. Join strips end to end at 45°, trim joins to ¼ in and press open; fold the resulting 2½-in-wide strip in half lengthwise, wrong sides together. Square and trim batting/backing to

the quilt top. Sew raw binding edges to quilt front with a ¼-in seam, miter four corners, join ends with a diagonal seam, turn the fold to the back and stitch down without pulling the edge inward. Finished quilt size is measured at the seam line beneath the binding.

Finishing notes

Inspect all P2 shoulder seams and corner points, secure thread ends, and ensure borders lie flat. After binding, measure both diagonals and gently block to 59½ × 55½ in if necessary. Add a maker/date/care label to the back. Wash gently in cool water with a color catcher; dry flat or tumble low, then store clean and dry without prolonged direct sunlight.

Printable templates and print check

All components are rotary-cut straight shapes; no curved or nonrectangular cutting template is required. The full-size P2 guide below supplies a cutting outline, ¼-in inset reference seam lines and the exact diagonal *stitch line* for the jar shoulders. Cut 48 P2 squares from Fabric A, all face up; do not mirror. The diagonal goes on the wrong side. On the assembled P1, the *finished* jar shoulder is the portion of that diagonal between the two ¼-in finished-edge lines, spanning 1 in horizontally and 1 in vertically. Do not add allowance to, enlarge, or rescale the guide.

Print at 100% / Actual Size. Disable Fit to Page, Shrink to Fit, or any automatic page scaling. Measure both independent squares before using the template; they must measure exactly as labeled.

PRINT SCALE TEST — MUST MEASURE EXACTLY

2 in × 2 in

50 mm × 50 mm

P2 • Fabric A • cut 48

38.1 × 38.1 mm CUT outline

Red: diagonal stitch / flip line

Dashed: 6.35 mm edge allowance

Ticks: edge center matching marks

P2 grainline: square edges parallel to fabric grain.

Orientation: place at either upper P1 corner;
turn square to aim diagonal across that corner.

No mirror cutting. Finished diagonal = 1 in × 1 in.

Square outlines and P2 are independent, actual-size measuring guides.

All other P pieces are cut with a ruler using the cutting table.