

# Wildland Sprinkler System - Ordering Guide

For cottages and homes: plan your water supply, zones, and hose lengths before you order so the system performs when you need it.

## Quick sizing rule

Typical garden-hose pressure is about 30 PSI. Each sprinkler uses about 3 GPM at 30 PSI, so plan for 2-3 sprinklers per hose outlet (more sprinklers usually means weaker spray and less coverage).

## 1) Use zoning when you need more coverage

- If you need more than 2-3 sprinklers, use an automatic hose-bib divider / multi-outlet timer.
- Set up zones (example: 3 outlets = 3 zones). Run one zone for 20-40 minutes, then it switches to the next.
- Zoning can keep your roof, walls, and yard wet over time without overloading one hose outlet.

## 2) Measure hose runs and choose the right hose

- Measure from your hose faucet to each sprinkler location to order the right hose lengths.
- For main runs, 3/4-inch hose gives better flow with less friction loss than smaller hose sizes.
- Keep runs short and direct (long hose and lots of fittings reduce pressure).
- Plan spacing using each sprinkler's throw distance, then mount to cover roof edges, corners, and exposed sides.

## 3) Pick the hose type that matches your setup

- Roll-up forestry hose: lighter and easy to handle, but fixed lengths. If left outside in sun/weather, expect replacement every 2-3 years.
- Heavy-duty hose (cut and couple): heavier, but typically lasts longer and lets you build custom lengths on-site.
- Pre-install roof sprinkler mounts/locations so you can connect and start the system quickly in an emergency.

## Order checklist (fill this in before you buy)

Hose outlets available (and locations): \_\_\_\_\_

Total sprinklers: \_\_\_\_\_ Zones/outlets on timer/divider: \_\_\_\_\_

Hose type:  Roll-up forestry hose  Heavy-duty cut-and-couple hose  Mix of both

Sprinkler style(s):  Roof-mount  Offset  Spike  Tripod

Longest hose run (faucet to farthest sprinkler): \_\_\_\_\_ (ft / m)

Key fittings (check):  Hose-bib adapter  Timer/divider  Couplers  Tees  Mounts/clamps

Tip: Test coverage and zone timing on a normal day. Follow local watering/fire restrictions.