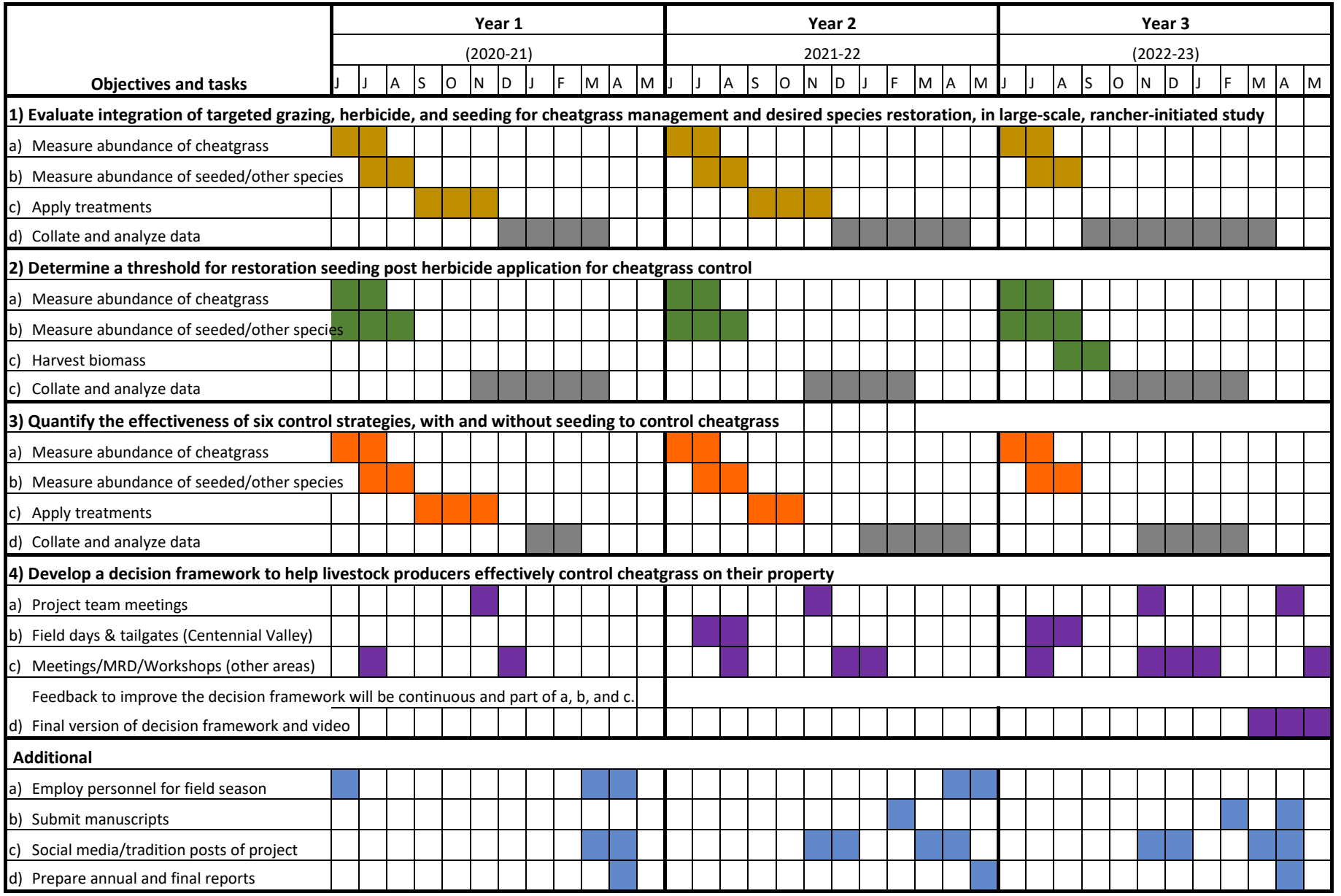
Year 1
(2020-21)
Year 2
2021-22
Year 3
(2022-23)
Objectives and tasks
J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M
1) Evaluate integration of targeted grazing, herbicide, and seeding for cheatgrass management and desired species restoration, in large-scale, rancher-initiated study
a) Measure abundance of cheatgrass
b) Measure abundance of seeded/other species
c) Apply treatments
d) Collate and analyze data
2) Determine a threshold for restoration seeding post herbicide application for cheatgrass control
a) Measure abundance of cheatgrass
b) Measure abundance of seeded/other species
c) Harvest biomass
c) Collate and analyze data
3) Quantify the effectiveness of six control strategies, with and without seeding to control cheatgrass
a) Measure abundance of cheatgrass
b) Measure abundance of seeded/other species
c) Apply treatments
d) Collate and analyze data
4) Develop a decision framework to help livestock producers effectively control cheatgrass on their property
a) Project team meetings
b) Field days & tailgates (Centennial Valley)
c) Meetings/MRD/Workshops (other areas)
Feedback to improve the decision framework will be continuous and part of a, b, and c.
d) Final version of decision framework and video
Additional
a) Employ personnel for field season
b) Submit manuscripts
c) Social media/tradition posts of project
d) Prepare annual and final reports