ASGA
AMERICAN SOLAR GRAZING ASSOCIATION

SOLAR GRAZING MANAGEMENT PLAN TEMPLATE

Reference ASGA's Guide to Developing a Grazing Management Plan for Solar Grazing Operations for additional instructions and guidance when preparing your Grazing Management Plan. The following template is provided as a reference to help you work through the grazing planning process. It is expected that you will adapt this template to your specific operational and solar site conditions. What you ultimately submit to a solar company client should be your own unique document with your own branding.

Presented by the American Solar Grazing Association

Project / solar facility	
Site location / county / state	
Asset owner / client	
Grazing contractor / company	
Plan year / version	
Prepared by / date	
Client representative / contact	
Contract / statement of work reference	

Instructions: Complete all fields. Adapt sections to the actual contract, site, species, and service scope. Mark nonapplicable items N/A. Dates and animal numbers are planning estimates, subject to field conditions and client approval.

1. Executive Overview and Scope

Vegetation-management objectives and proposed service approach

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Contract vegetation maximum height (in.)	
Minimum residual / special height rules	
Services included (grazing / mowing / herbicide)	
Areas excluded / third-party responsibilities	
Contract term / grazing season	

Scope of work alignment, exceptions, and client approvals

2. Baseline Site Assessment

Total site acreage	
Actual grazeable acreage	
Estimated nonvegetated / inaccessible acreage	
Array type (fixed tilt / tracker)	
Row spacing / panel lead-edge clearance	
Cable / driveshafts	
Access gates / vehicle access	
Terrain / slopes / ruts / rock / drainage	
Perimeter fence condition / predator risks	

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Water source / availability / delivery	
Permit restrictions on grazing / mowing	
Site visit date / assessor	

Vegetation composition, forage condition, site history, and estimated productive capacity

Problem species, woody plants, low-palatability vegetation

Safety hazards, sensitive habitats, wetlands, pollinator areas, and infrastructure obstacles

3. Management Zones and Site Map

Site map / GIS file reference	
Proposed number of paddocks / zones	
Typical paddock size (acres)	
Cross-fence / movement access limitations	

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Zone-by-zone management strategy and special management areas

Map attachment / aerial imagery / paddock boundaries (insert or attach separately)

4. Grazing and Livestock Management

Livestock species / class	
Initial livestock headcount	
Peak planned headcount	
Average animal weight (lb)	
Expected deployment / removal dates	
Estimated grazing days / moves per week	
Estimated recovery interval (days)	
Estimated forage dry matter (lb/acre)	
Planned forage utilization (%)	
Planned stocking adjustment triggers	

Rotation approach, paddock movement, seasonal deployment, and access coordination

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Livestock scaling plan, if initial numbers are below eventual requirements

Forage stockpiling, supplemental feeding, and approval requirements

5. Supplemental Mowing and Vegetation Treatments

Mowing responsibility / subcontractor	
Estimated mowable acreage	
Equipment type / cutting width	
Expected effective mowing rate (acres/hour)	
Estimated mowing frequency / months	
Spare equipment / downtime contingency	
Herbicide included? (yes / no)	
Application timing / authorization	

Areas and vegetation requiring mowing or other treatment; criteria for intervention

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Equipment fit, panel clearance, debris controls, wet-weather and downtime precautions

6. Annual Management Calendar

Enter an activity or code in each applicable month (e.g., G = grazing, M = mowing, H = herbicide, V = vegetation monitoring, S = soil monitoring, F = supplemental feed). Timing is approximate.

Activity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Livestock on site / rotation												
Mowing / mechanical work												
Herbicide (if authorized)												
Forage / height inspections												
Soil / site monitoring												
Water / fencing inspections												
Seasonal review / client meeting												

Calendar assumptions / weather, rainfall, growth surges, seasonal access:

7. Livestock Health, Welfare, and Biosecurity

Veterinarian / VCPR contact	
Water delivery / daily check process	
Fencing / predator mitigation	
Shelter / weather contingency	

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Biosecurity / quarantine approach	
Emergency animal transport / removal	

Animal health monitoring, parasite management, disease response, and emergency procedures

8. Site Safety, Coordination, and Compliance

Site access / training requirements	
PPE / electrical and panel proximity rules	
Insurance / certificates required	
Signage / visitor safety	
Site O&M contact / reporting method and frequency	
Incident escalation contact	

Communication with owner, asset manager, and third-party contractors

Emergency, severe weather, drought, saturated ground, and access restrictions response

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9. Monitoring, Reporting, and Adaptive Management

Vegetation height measurement method	
Inspection / reporting cadence	
Grazing days tracking method	
Mowed acres / labor hours log	
Equipment downtime log	
Flock body condition / forage observations	
Annual plan review date	

Compliance triggers, corrective actions, documentation, and plan revision process

10. Recommendations and Assumptions

Site improvements recommended to owner / operator (fencing, water, vegetation, access)

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11. Review and Acknowledgment

- [ ] Site assessment and maps complete
- [ ] Animal numbers and grazing schedule provided
- [ ] Mowing resources and seasonal surge response adequate
- [ ] Calendar includes grazing, mowing, treatment, and monitoring
- [ ] Safety, welfare, water, and emergency provisions addressed
- [ ] Plan matches contract vegetation height limits and scope
- [ ] Responsibilities and client approvals documented

Prepared by / title / date	
Reviewed by / title / date	
Client acknowledgment / date	
Next scheduled annual review	

Acknowledgment confirms review of the planning framework; contractual obligations remain governed by the executed agreement.

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