Note – these goals are mainly for conservation land management where 'expectations' are different than grasslands on private lands.

Goal: Maintain a mosaic of different habitat types including different grassland types – *remote sensing, aerial photography, soil mapping, identification of* **reference sites**

Goal: Create a management plan. Include a budget for monitoring and data analysis (at least 10% of the budget is DFG's standard). *Keep track of how much money you spend on monitoring*

Goal: Managing composition along a trajectory that includes more desirable and fewer undesirable species

THE FOLLOWING ARE GENERAL SUBGOALS – YOU SHOULD CREATE BETTER DEFINED **OBJECTIVES** IN A MANAGEMENT PLAN, WHICH DEFINE TIME FRAME, SPATIAL SCALE, AND DESIRED AMOUNT OF CHANGE

WE AREN'T SUGGESTING THAT EVERYBODY SHOULD HAVE ALL THESE GOALS, BUT SHOULD PICK WHICH ARE THEIR HIGHEST PRIORITY TO SELECT A MONITORING PROTOCOL

Subgoal: maintain a variety of grassland types based on environmental heterogeneity (e.g. aspect, soil) –

soil mapping, topography, veg classification and mapping

Subgoal: increase/maintain native forb species richness – *presence/absence survey over a large scale*

Subgoal: increase/maintain native forb cover – *cover or frequency plots a few focal species (probably listed), doing detailed monitoring not feasible*

Subgoal: increase/maintain seedbank/cover of listed plant species – *cover or frequency plots a few focal species (probably listed), doing detailed monitoring of multiple species is difficult*

Subgoal: increase/maintain native grass richness – *frequency survey over a large scale*

Subgoal: increase/maintain native grass cover – *use cover class scales*

Subgoal: preventing invasion by eradication or containing nascent invasions of high impact exotic species – *can't monitor "impact" only spread, broad scale surveys to locate outliers: frequency survey over a large scale*

Subgoal: reducing cover and extent of high impact exotic species – *defined by scale, before/after cover*

class estimates at small scale, maybe use aerial photo analysis at regional scale

Subgoal: reducing cover of naturalized exotic species (mostly annual grasses) – *use cover classes in lots of small plots*

Subgoal: reducing native shrub and tree invasion – *photo plots, frequency survey over a large scale, or aerial photography*

Subgoal: maintain sustainable abundance of specific faunal species – *specific monitoring protocols for different species*

Goal: maintaining watershed health/ecosystem processes

Subgoal: minimizing bare ground

Subgoal: maintain RDM levels per UC recommendations

Goal: maintaining economic values of grasslands

Subgoal: sustainable livestock grazing – *residual dry matter*