

Activity 1

Self-Evaluation (PRE)

1. Describe one challenge or risk your operation faces due to drought
 2. Describe one strategy you have taken in the past to cope with drought
 3. Describe one opportunity you have during drought
 4. On a scale of 1 (not at all) to 5 (very) please circle your level of preparedness for the next drought

Not at all 1 2 3 4 5 Very prepared



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Activity 2: Planning Before Drought Hits

Goals, strategies and triggers

Tips for writing good goals and objective

Goals are typically understood as statements about the overarching reality you would like to see. **Objectives** are more specific measurable. Use the worksheet below to start thinking about your goals. Once you have your goal, you can start thinking about strategies (how do you get there?) and “triggers” (what signs do you use to prompt a change in management). Why? Thinking ahead to **strategies** will help you be more prepared and less reactive when drought hits. Setting a predefined **trigger** may help reduce the stress involved in decisions, and help you make the best possible decisions given little information. Strategies and triggers will help you think about proactive actions, and when an action will take place.

Step 1: Set a general goal that motivates you. This can be a general statement about how you'd like the world to be or about how you'd like to react in drought.

Step 2: After you have a general goal you can get more specific. Start thinking about the following: “In the next drought, what would you”

- Expect to see...
- Like to see...
- Love to see...

Step 3: Strategies to reach each goal. Drought preparation and coping strategies include:

- Anticipate drought with conservative stocking rates
- Predicting drought/using weather tools
- Flexible stocking
 - a. Yearlings, dry cow grazing, replacement heifers
 - b. unique marketing approaches, different classes of livestock
- Movement across space to offset variability in time
 - a. Adaptive pasture movements across broader areas
 - b. Leasing pasture
- Sharing resources and information with neighbors
- Storage
 - a. Water
 - b. Forage
- Diversify: livestock, income sources
- Market-based strategies

Step 4: Define a trigger for action. When will you make a move or change, given you can't predict weather?

- E.g. “When forage drops below X lbs/ acre I will drop stocking rates by 40%”
 - a. Or “When stock tank in X pasture drops below 20% full, I know conditions are dry and will start to implement de stocking plan.”
- May include multiple levels of triggers e.g. “early warning” and “action” triggers

Step 1: Write a general goal (a general statement about how you would like the world to be):

Example: "Stay financially viable in drought"

Step 2: Break down your expectations for that goal

Given all the constraints and opportunities I would

A. Expect to see:

Example: "Cover operating loan in drought without outside income"

B. Like to see:

Example: "Reduce number of mother cows culled in dry years to less than 5%"

C. Love to see:

Example: "Turn a profit in a drought year."

Step 3: Identify strategies, triggers and monitoring needed to achieve your goal

Strategy or strategies	Trigger(s)	Monitoring/ info you will need
Example: Lower stocking rate (sell yearlings) to match forage supply and demand	Example: When rainfall is less than 75% of average by X date	Example: Current year rainfall data, 30-year average rainfall values, dates by which most precipitation comes historically



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<https://goo.gl/xzleLn>

Activity 3

Prioritizing Impacts & Actions

Instructions

Step 1: List 3 potential impacts you expect to be the most important and likely to affect your operation this year.

Step 2: Once you have those, you can start thinking about what you can reasonably do in response (i.e., actions).

Step 3: Finally, for each action, brainstorm a ‘trigger’ or something that will help you decide when to take action.

Worksheet on reverse



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Impact # 1:

Potential action in response to Impact 1:

'Trigger' for action 1:

Impact # 2:

Potential action in response to Impact 2:

'Trigger' for Action 2:

Impact # 3:

Potential action in response to Impact 3:

'Trigger' for Action 3:
