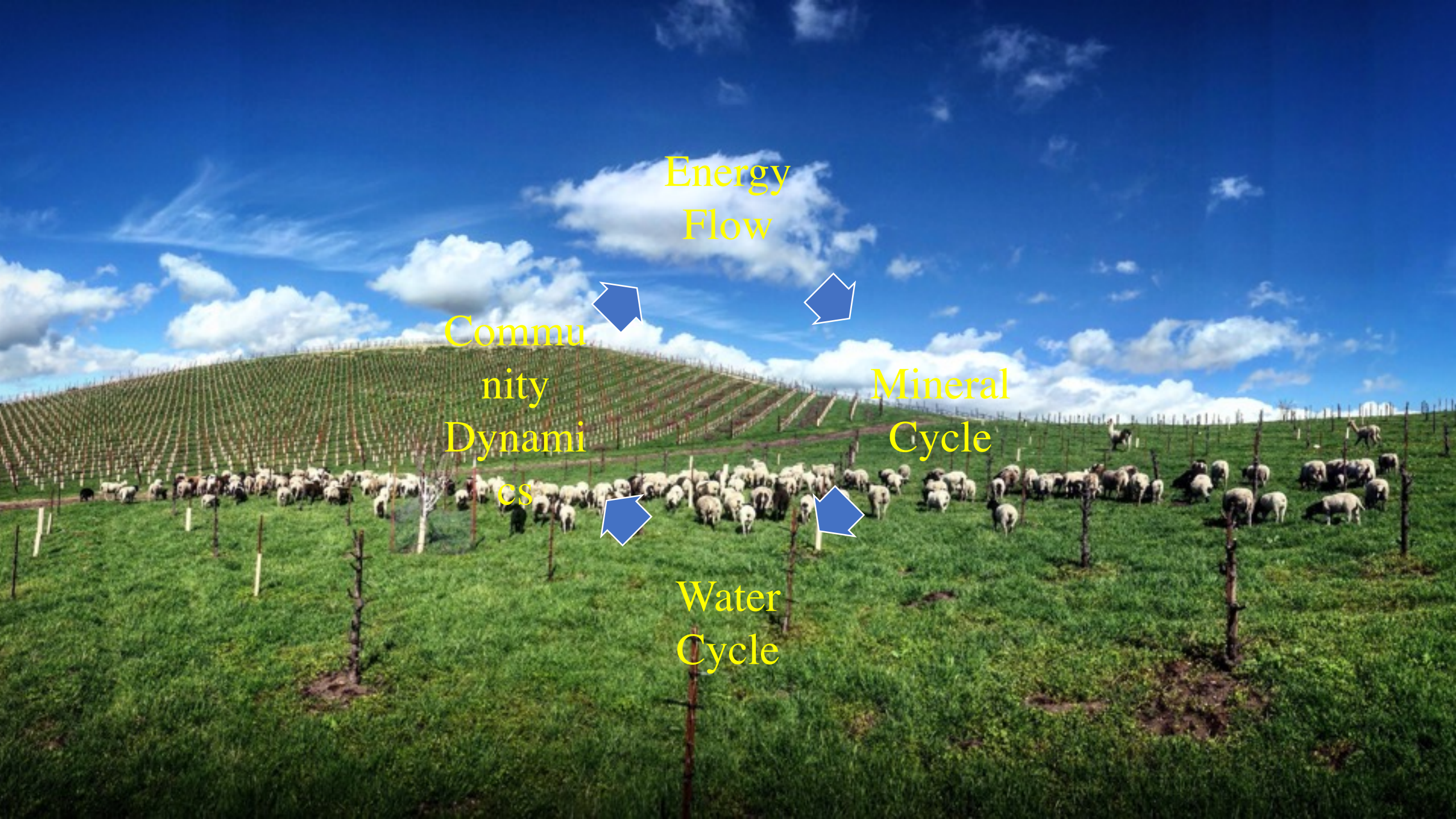


A flock of sheep is grazing in a vineyard. The foreground is filled with the dark, gnarled, and leafless branches of grapevines. The sheep, mostly white with some brown ones, are scattered throughout the green grassy field. In the background, more rows of bare grapevines stretch across a hillside under a pale sky. A blue rectangular box with white text is overlaid in the upper center of the image.

# Sheep in the Vineyard





Energy  
Flow

Commu  
nity  
Dynami  
cs

Mineral  
Cycle

Water  
Cycle



A scenic view of a green valley with rolling hills, a small pond, and a flock of sheep grazing in a field. The sheep are in the foreground, and the hills are in the background.

## Fertilizing with Manure

- A 100 lb sheep drops 2-4 lbs of manure daily
- 200 sheep will drop 400-800 lbs per day





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## Carbon Sequestration

- Improves soils ability to sequester carbon
- Improves water holding capacity.











A wide-angle photograph of a large flock of sheep grazing in a lush green field. The sheep are of various breeds, including white, black, and brown. They are scattered across the field, some standing and some lying down. In the background, there is a long, low stone wall made of rough-hewn stones. The sky is overcast and grey. The text "Planned Grazing" is overlaid in the center of the image in a large, white, sans-serif font.


# Planned Grazing



## Vineyard Grazing Programs 2018

252 views

All changes saved in Drive

 Add layer  Share  Preview

☒ where they've been

 Individual styles

 2/27/17-3/2/17

 11/1/16

 11/2/16

 11/3/16

 11/4/16-11/8/16

 11/9/16

 1/17/17

 11/11/16-11/13/16

 11/14/16

 11/15/16-11/18/16

 11/18/16-11/20/16

 11/21/16

 11/22/16-11/23/16

 11/28/16

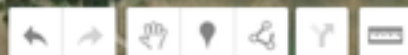
 11/29/16

 11/30/16

 11/30/16

 12/2/16-12/4/16 weekend

 12/11/16



Thomas Creek Vineyard

Vineyard Dr  
Adelaide Rd

Vineyard Dr

Vineyard Dr

Vineyard Dr

Google MyMaps

Map data ©2018 Google Imagery ©2018, AMBAG, DigitalGlobe, USDA Farm Service Agency
























## Vineyard Grazing Programs 2018

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-  11/29/16
-  11/30/16
-  11/30/16
-  12/2/16-12/4/16 weekend
-  12/1/16
-  12/6/16
-  12/7/16
-  12/8/16
-  12/9/16-12/11/16
-  12/14/16
-  12/13/16
-  12/19/16
-  12/12/16-12/13/16
-  1/3/17-1/9/17
-  12/14/16-12/16/16
-  12/17/16-12/19/16
-  12/19/16
-  12/21/16
-  1/9/17
-  1/10/17
-  1/12/17-1/13/17



12/14/16-12/16/16

moved here for the rain coming on the 15th. We had 2.3 inches of rain and a lot of south wind. Glad I got them off Mourvedre Mountain

 2.52 ac  0.328 mi



Google My Maps



Cover cropping

Native grass

space

TIME

Stocking rate







space

TIME

Stocking rate





Leafing in cooler climates

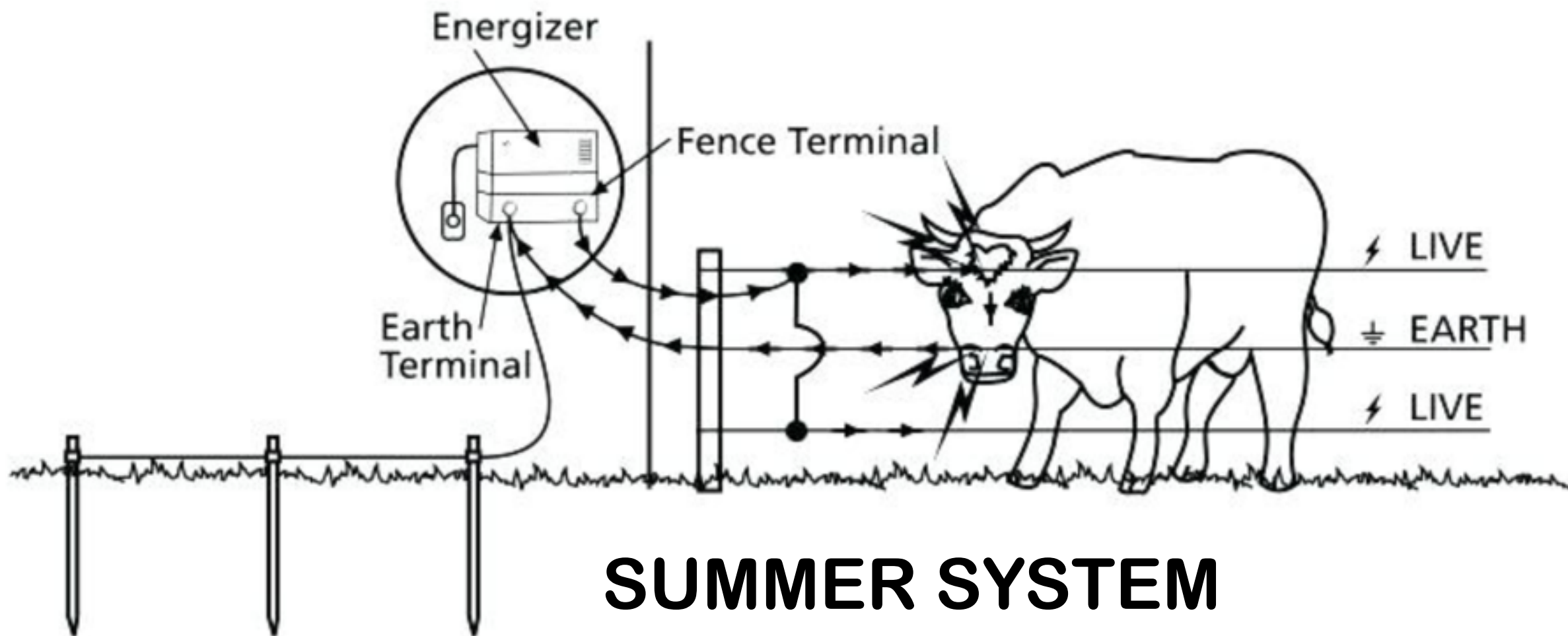
Suckering the vines



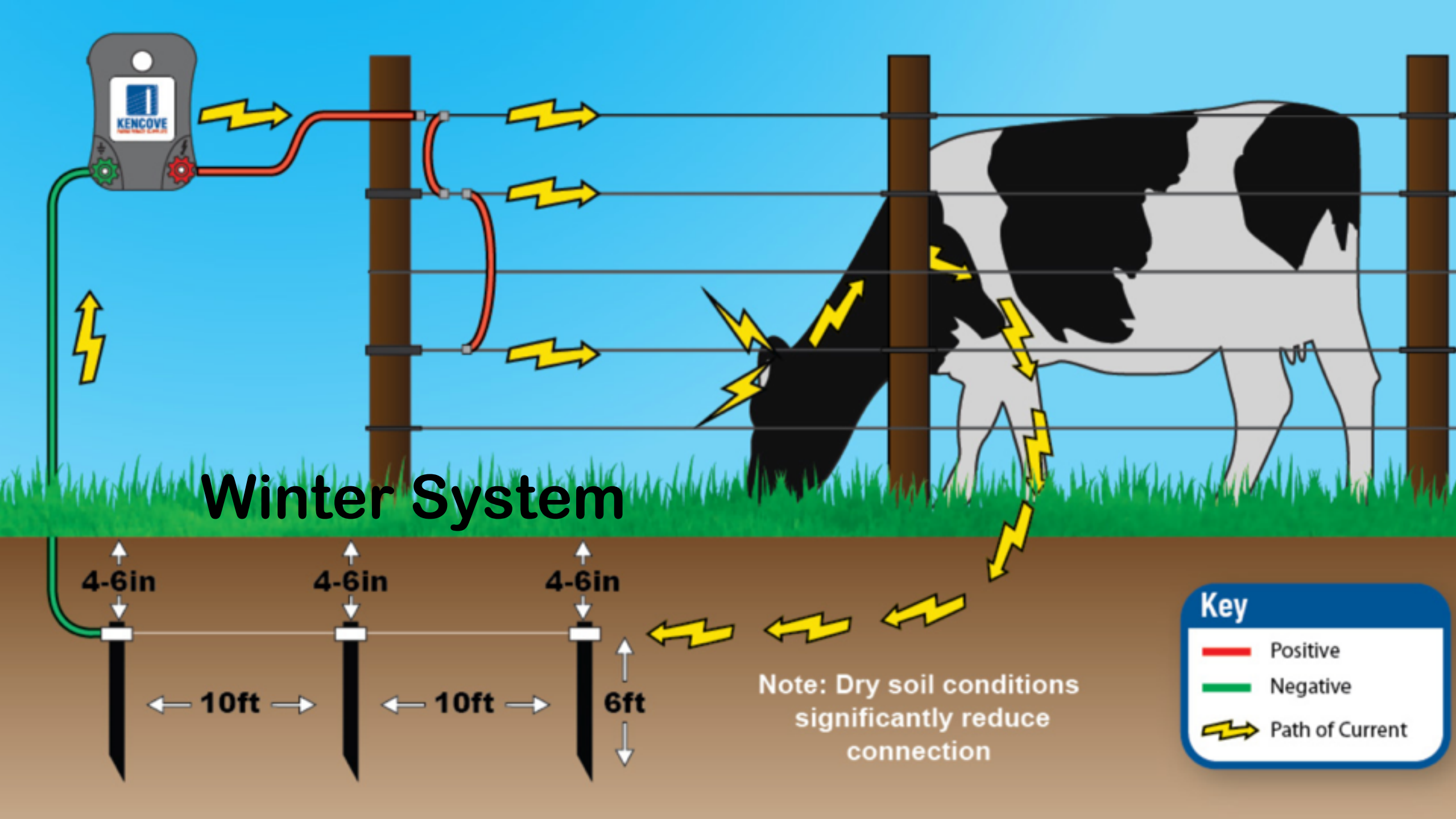


- Broken shoot can affect your pruning options or even bud count
- If vines are not completely dormant you could potentially be affecting next years vigor.
- If green grass has not started expect more vine damage
- You WILL have irrigation repair work.









# Winter System

## Key

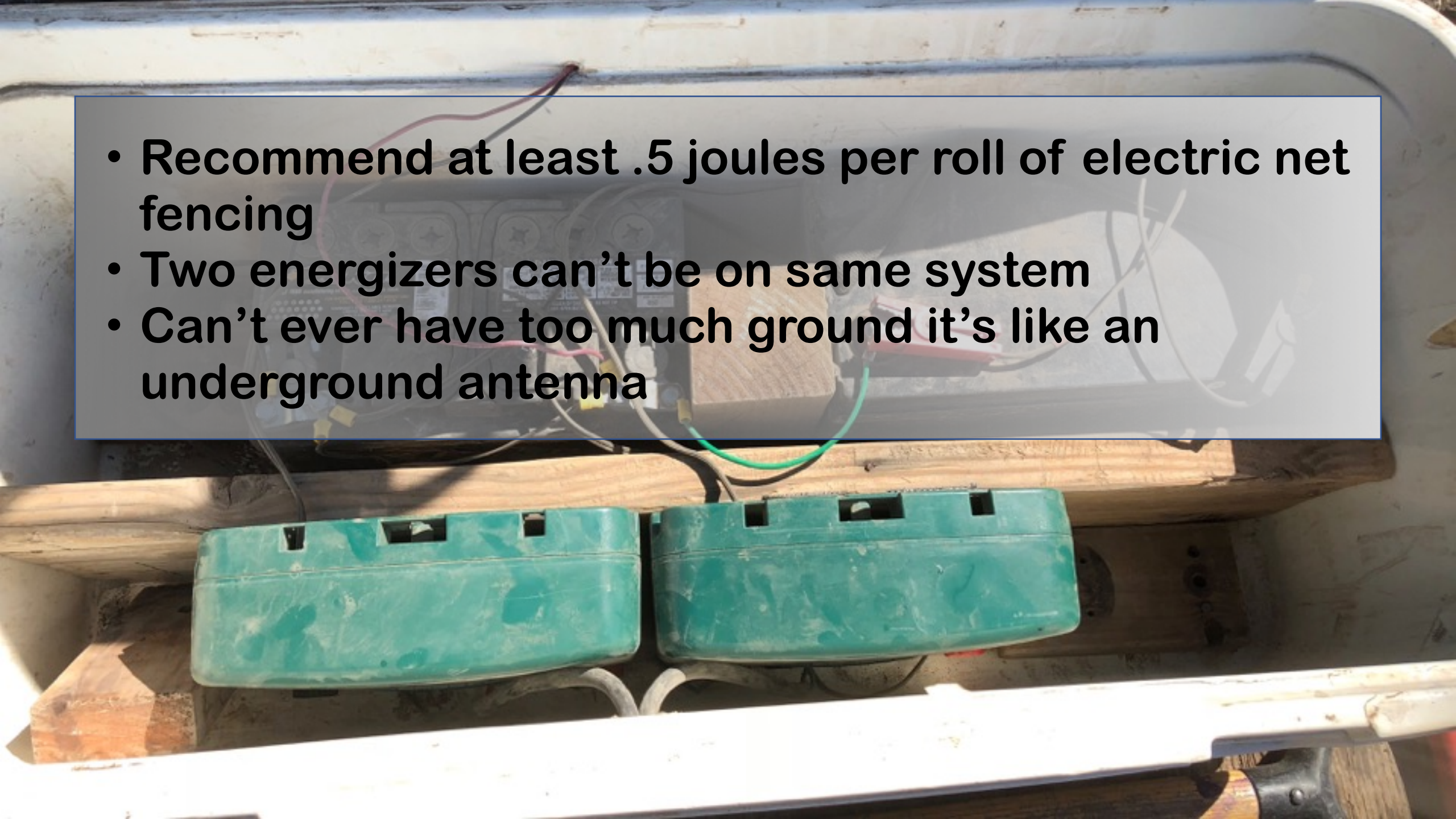
- Positive
- Negative
- Path of Current

Note: Dry soil conditions significantly reduce connection







- 
- Recommend at least .5 joules per roll of electric net fencing
  - Two energizers can't be on same system
  - Can't ever have too much ground it's like an underground antenna





Part No. 204000











- Electric net fencing is usually 100- 164 feet
- Long vineyard row can take up to 7 rolls
- Hog panels can help shorten rows

