SMART SYSTEMS FOR ANIMAL CONTROL

## Energized Fencing System Planning Guide

Thank you for choosing a Zareba energized fencing system. As a recognized leader in the electric fencing industry, Zareba is committed to helping you easily and effectively plan, install and maintain your system. Use this worksheet to ensure that you have everything you need before you begin, and please visit us at www.zarebasystems.com if you need any additional information.

## Planning your Zareba fence system

## 1 Create your layout.

Plan your fence layout in advance and pick the components you'll need to complete the installation.
Using pencil and the graph below, sketch out the area you wish to enclose, noting distances. Also include in your plan:

- Location of building or barns that will be enclosed by or are adjacent to your fence
- Location of fence energizer and electrical source
- Trees or other obstacles
- Location of water supplies and feeding stations
- Low or wet spots
- Entrance or exit points where gates are needed
- Fence termination points



## 2 Determine your perimeter length.

These distances are based on square-shaped perimeters. Shape of area will affect perimeter length.

| $1 / 4$ acre $=417$ feet | 4 acres $=1,670$ feet |
| :---: | :---: |
| $1 / 2$ acre $=590$ feet | 5 acres $=1867$ feet |
| $3 / 4$ acre $=722$ feet | 10 acres $=2,640$ feet |
| 1 acre $=835$ feet | 20 acres $=3,743$ feet |
| 2 acres $=1,181$ feet | 40 acres $=5,280$ feet |
| 3 acres $=1,446$ feet | 50 acres $=5,903$ feet |

## 3 Use this checklist to select your Zareba system components:

- PERIMETER DISTANCE TO ENCLOSE
-FENCE ENERGIZER (AC/DC/SOLAR)
- POST

1. type of line post (step-in, t-post, wood post, rod post)
2. post spacing-feet between post (normal is 12 to 15 feet)
3. number of line posts (perimeter ft ./ post spacing)
4. type of corner post (normally 8' wood set 48" in the ground)
5. number of posts for gates/corners/termination points

- FENCE WIRE

1. type of wire (aluminum/steellpolywire)
2. number of strands
3. total feet needed (perimeter x \# of strands)

- INSULATORS

1. type of insulator (t-post/wood post/rod post)
2. number of insulators (number of fence posts $x$ number of strands)
3. type of insulator (cornerpost)
4. number of corner insulators (number of strands $x$ number of corner posts)

- Gate handles (number of gates x number of strands)
- Grounding system (8' ground rod/clamp/20,000 volt insulated hook-up wire)

The height and spacing of the wires will vary based on the size of the animal(s) you are containing. We always recommend positioning one electrified wire at animal's shoulder height, so the animal will hit the fence with its nose. This is an effective way of helping the animal learn not to approach the fence. For more information about recommended wire heights by animal, please visit www.zarebasystems.com.

We hope this guide was helpful.
Thank you again for choosing Zareba. We appreciate your business.

