SOIL HEALTH ASSESSMENT FIELD DAY
JUNE 22, 2017

9:30: **Welcome** [Hunter Francis – Cal Poly]
- Importance of SOM / Biota
- Coming events and initiatives
- Introductions

9:40 **Farm Orientation / Tour** [Judith Redmond – Full Belly Farms]
- Welcome & tour
- Background: history and soil resource
- Farm management / Operations / Approach

10:10 **Traditional Soil Quality Assessments** [Z. Kabir & Tony Rolfes – NRCS]
- Intro to NRCS, Soil Health Division & Soil Quality Test Kit
- Overview of 9 soil health indicators (from Soil Health Field Assessment Worksheet)
- Slake test
- Rainfall simulator
- Penetrometer

10:40 **Assessing Biological Activity & Its Relation to Soil Testing** [Joe Mullinax – Denele Labs]
- Definition of key terms: soil ecology, biomass, diversity, activity, etc.
- Overview of lab assessment methods
- How biology relates to management and traditional soil tests
- Soil respiration: what it tells us about soil biology and nutrient availability

11:00 **Understanding Soil Assessments** [Joe Mullinax & Anthony Chica – Denele Labs]
- Case studies: looking at and understanding soil test examples
- Discussion and Q/A

11:30 **Adjourn (w/ optional informal networking)**