

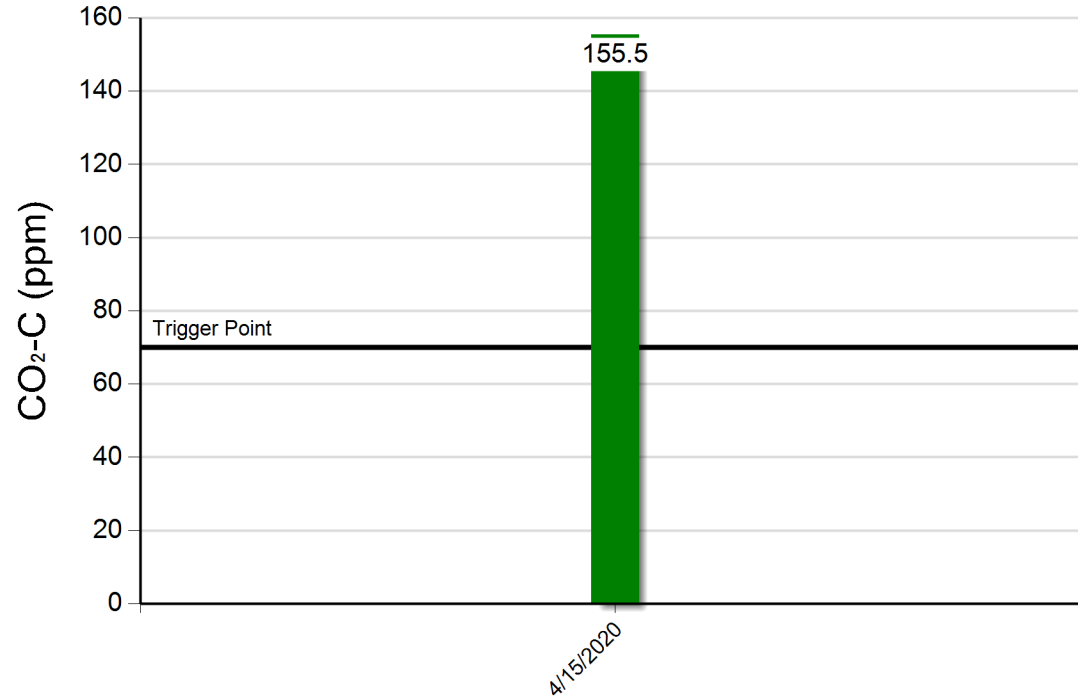
Fieldman:

Description: TREATED



| Date Sampled | CO <sub>2</sub> -C (ppm) |
|--------------|--------------------------|
| 4/15/2020    | 155.5                    |

## Solvita Respiration



Notes

| CO <sub>2</sub> -C Burst (ppm) | Potential N-Mineralization   | Soil Condition / Microbial Biomass Carbon  |
|--------------------------------|--|--|
| 71-160                         | High N-Potential Soil: May be sufficient N for many crops without added N-fertilizer.            | Soil very well supplied with organic matter; Microbial Biomass Carbon < 3500 ppm |
| 31-70                          | Moderately: Soil has limited need for supplemental N.  | Moderate well supplied; Biomass Carbon < 1500 ppm                                |
| 13-30                          | Moderate-Low: Supplemental N may be required for some crops.                                     | Medium-Low in active organic matter; Biomass Carbon < 600 ppm                    |
| 6-12                           | Low: Will not provide sufficient N for most crops  | Low in microbial activity; Biomass Carbon < 250 ppm                              |
| 0-5                            | Very Low: Little biological activity & insufficient humus; may require significant fertilization | Soil very low in microbes; Biomass Carbon < 100 ppm                              |