

Fieldman: ELKE FORNACIARI

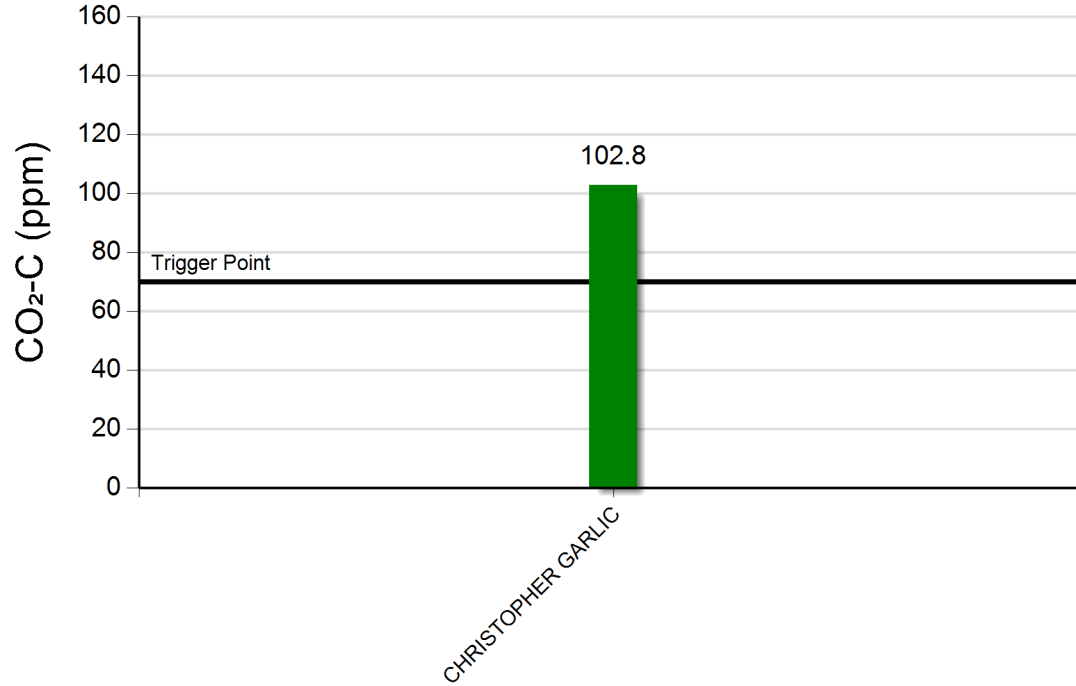
Date Sampled: 11/29/2021



Field Description	CO ₂ -C (ppm)
CHRISTOPHER GARLIC	102.8

Notes

Solvita Respiration



CO ₂ -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