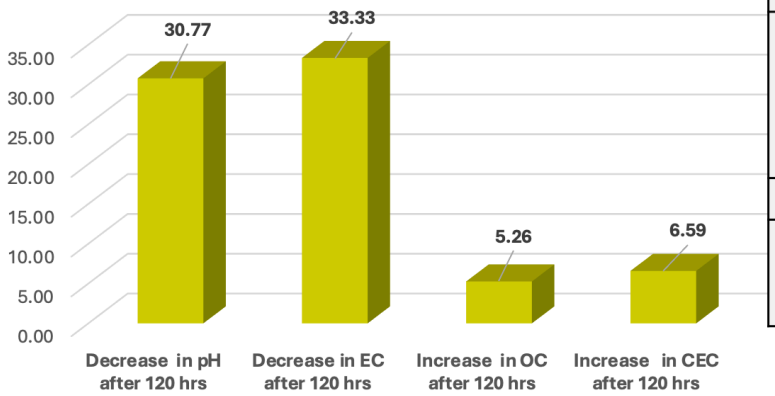
Evaluation of Eco-Xcid (78% organic acid) on Soil Physiochemical Properties, Growth and Yield Attributes in Pea

Institute Name	Lovely Professional University
Location	Punjab
Crop	Pea
Variety	Sweet Ruby
Product	**Eco-Xcid**
Method of Application	Drip irrigation
Effective treatment with dose	**Eco-Xcid @2 litre/ acre – 1st at sowing and 2nd application -30 days after sowing**
Benefits	•Regulates soil pH •No impact on EC/Salinity of soil •Enhances nutrient availability for uptake •Increases NPK uptake by plant •Increases organic carbon of soil •Increases the yield parameters.

Green peas pods with seeds

Performance of Eco-Xcid over control (%)



RESULTS

Parameters	No. of pods /plant	pod length /plant	Weight of pod /plant	No. of seeds/ pod	Seed Yield (kg/ha)
Effective treatment	11.5	12.9	17.65	7.42	49.99
Control	7.4	7.2	11.09	5.08	21
Increase over control	55.41	79.17	59.15	46.06	138.05