

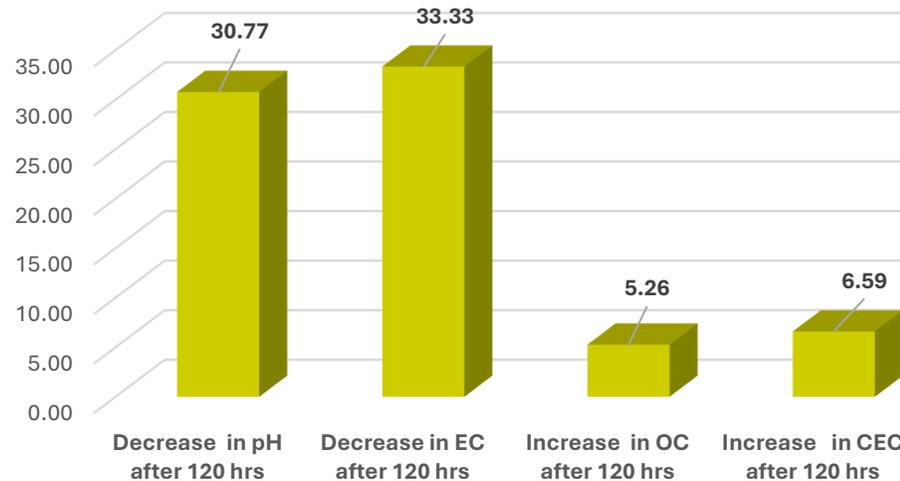
# Evaluation of **Eco-Xcid<sup>®</sup>** (78% organic acid) on Soil Physiochemical Properties, Growth and Yield Attributes in **Pea**



Green peas pods with seeds

<b>Institute Name</b>	Lovely Professional University
<b>Location</b>	Punjab
<b>Crop</b>	Pea
<b>Variety</b>	Sweet Ruby
<b>Product</b>	<b>Eco-Xcid<sup>®</sup></b>
<b>Method of Application</b>	Drip irrigation
<b>Effective treatment with dose</b>	<b>Eco-Xcid<sup>®</sup> @2 litre/ acre – 1<sup>st</sup> at sowing and 2<sup>nd</sup> application -30 days after sowing</b>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>•Regulates soil pH</li> <li>•No impact on EC/Salinity of soil</li> <li>•Enhances nutrient availability for uptake</li> <li>•Increases NPK uptake by plant</li> <li>•Increases organic carbon of soil</li> <li>•Increases the yield parameters.</li> </ul>

Performance of Eco-Xcid<sup>®</sup> over control (%)



## RESULTS

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

