

<b><i>EFFECTS ON E.COLI WHEN NATMAX BIOSTIMULANT IS ADDED TO E.COLI</i></b>	<b>Under commercial environment and standard production conditions</b>	<b>In self-induction medium without IPTG under standard production conditions</b>
<b>Measured</b>	<b>NATMAX IMPACT ON E.COLI</b>	<b>NATMAX IMPACT ON E.COLI</b>
Bacteria produced increase (OD 600 nm)	33 %	320 %
Biomass produced increase (dry cell weight)	30 %	470 %
Protein produced increase	167 %	278 %
Production time reduction	26 %	37 %

<b><i>EFFECTS ON OTHER MICROBIAL STRAINS USING NATMAX BIOSTIMULANT</i></b>	<b><i>S. cerevisiae</i></b>	<b><i>L. plantarum</i></b>	<b><i>B.Subtilis</i></b>	<b><i>B. amylolique- faciens</i></b>
<b>Measured</b>	<b>NATMAX IMPACT</b>	<b>NATMAX IMPACT</b>	<b>NATMAX IMPACT</b>	<b>NATMAX IMPACT</b>
Ethanol production increase	40.6 % (over 48 hours)			
Optical density increase (OD 600 nm)	60.3 % (over 48 hours)	17.9 %	73.0 % (over 24 hours)	65.0 % (over 48 hours)  129.0 % (over 48 hours) (Synergic effect with culture medium supplementation with both NATMAX and yeast extract)
Microbial count increase			96.0 % (over 48 hours)	42.0 % (over 48 hours)