

## Second season impact at tomato's – UNICA\* group (conducted by IFAPA\*\*)

Location	Almeria, Spain
Year	2017-2018
Plants	Tomato
Soil	Loam
Growth practices	<ul style="list-style-type: none"> <li>Standard local practice, head-to-head comparison with vermicompost (ca. 2 kg/linear meter), regular application</li> <li>NOVIHUM application rate ca. 0.5 kg/linear meter only one time prior to 1<sup>st</sup> season</li> </ul>
Comments	<p><u>1<sup>st</sup> season</u></p> <ul style="list-style-type: none"> <li>Similar total yield/higher amount of large fruits (Class I-G) after first season</li> <li>Significant higher BRIX values (+6%) after first season (means: sweeter fruits)</li> </ul> <p><u>2<sup>nd</sup> season</u></p> <ul style="list-style-type: none"> <li>14% more yield in second season</li> <li>Higher yield of high-grade yields</li> </ul>

### 1<sup>st</sup> season data

Grade (Fruit) Kg/m <sup>2</sup>	I-G	I-M	I-MM	I-3M	Green	III	Waste	Total
	<b>Marketable grades</b>							
Vermicompost	0,51	3,98	1,91	0,05		0,91	0,03	7,40
Novihum	0,63	3,82	1,83	0,02		0,91	0,03	7,25
Difference	+23,2%	-4,0%	-4,4%	-56,0%		+0,1%	+0,1%	-2,1%

### 2<sup>nd</sup> season data

Grade (Fruit) kg/m <sup>2</sup>	I-G	I-M	I-MM	I-3M	Green	III	Waste	Total
	<b>Marketable grades</b>							
Vermicompost	0,56	4,10	1,54	0,17	0,02	0,57	0,02	7,01
Novihum	0,66	4,70	1,75	0,19	0,04	0,69	0,03	8,05
Difference	+17,5%	+14,2%	+13,2%	+12,7%	+50,4%	+18,6%	+45,3%	+14,3%

\*<http://unicagroup.es/en/>

\*\*<https://www.juntadeandalucia.es/agriculturaypesca/ifapa/web/>