Supplementary Material

Lanthanum affects bell pepper seedling quality depending on the genotype and time of exposure by differentially modifying plant height, stem diameter and concentrations of chlorophylls, sugars, amino acids and proteins

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**Supplementary Material 1.** Main agronomic descriptors of sweet bell pepper varieties evaluated.

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| **Variety** | **Fruit shape /lobes per fruit** | **Fruit color/maturation** | **Fruit size** | **Reference** |
| Sven | Blocky/4 | Dark green/Golden yellow | Large | Rijk Zwaan, 2014a |
| Sympathy | Blocky/4 | Orange/glossy | Large/extra large | Rijk Zwaan, 2014b |
| Yolo Wonder | Blocky/3 to 4 | Dark green/red | 4 to 4.5 inches | Rijk Zwaan, 2006 |
| Zidenka | Blocky/4 | Red | Large/extra large | Rijk Zwaan, 2010 |

**References**

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Rijk Zwaan. (2014a). Sven Rz F1. July 8th, 2016. www.rijkzwaanusa.com/wps/wcm/connect/RZ+USA/Rijk+Zwaan/Products\_and\_Services/Products/Crops/Sweet+Pepper?pcpage=3&frm=1&varname=SVEN%20RZ%20F1%20(35-220)&his=c293LHVuZGVmaW5lZCwwO2hhcnYsdW5kZWZpbmVkLDA7cGxhbnQsdW5kZWZpbmVkLDA7cmFkaW9zY2hlZCxoYXJ2LDA7

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