Prizes and Publications

Prizes

NARO RESEARCH PRIZE 2019

Higashide, Ahn and Saito (2019) Growth and yield prediction tool for horticultural crops.



Scientific Journals

Oota et al. (2019) Development of Small Automatic Guided Vehicle by Contact Detection to Hydroponics Cultivation System. JARQ
53(1):31-40

• Oota et al. (2019) Development of yield and harvesting time monitoring system for tomato greenhouse production. EAEF 12(1):40-47

• Mochizuki *et al.* (2019) Application of a Growth Model to Validate the Effects of an Ultrafine-bubble Nutrient Solution on Dry Matter Production and Elongation of Tomato Seedlings. Hort. J. **88**(3): 380–386

• Kawasaki et al. (2018) Differences in Water and Assimilate Fluxes in Tomato Fruits among Cultivars, and Relationships with Fruit Yield and Soluble Solids Content. Hort. J. 87(2): 229–235

• Oyama *et al.* (2017) Bayesian QTL mapping using genome-wide SSR markers and segregating population derived from a cross of two commercial F1 hybrids of tomato. Theor. Appl. Genet. **130**:1601-1616

• Higashide *et al.* (2017) Differential Influences of Leaf Tip Trimming on Light Interception and Dry Matter Production in Tomato Dutch Cultivar Gourmet and Japanese Cultivar Momotaro York. Hort Sci. **52**(5):686-691

Books

• Nakano et al. (2018) Production of environmental control system for ICT agriculture. Seibundo-Shinkousya. (Japanese)

• Higashide (2016) Solanum Lycopersicum: Production, Biochemistry and Health Benefits. Nova Science Publishers.

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Mail form

Solanum Lycopersicum







