

PUBLIKACJE NAUKOWE

Stimulation of ex vitro growth of Rhododendron hybrids 'Nova Zembla' and 'Alfred' by inoculation of roots with *Serendipita indica*

Trzewik A., Orlikowska T., Kowalczyk W., Maciorowski R., Marasek-Ciołakowska A., Klocke E.

2020

Horticultural Science, 47(4): 194-202

endophyte, growth stimulation, micropropagation, Rhododendron, roots colonisation

Summer brood interruption as integrated management strategy for effective Varroa control in Europe

Büchler R., Uzunov A., Kovačić M., Prešern J., Pietropaoli M., Hatjina F., Pavlov B., Charistos L., Formato G., Galarza E., Gerula D., Gregorc A., Malagnini V., Meixner M., Nedić N., Puškadija Z., Rivera-Gomis J., Rogelj Jenko M., Smodiš Škerl M.I., Vallon J., Vojt D., Wilde J., Nanetti A.

2020

Journal of Apicultural Research, 59(5): 764-773

Varroa mite, biotechnical control, brood interruption, colony losses

System kontroli jakości roślin truskawki, maliny, jagody kamczackiej i czosnku rozmnażanych metodą in vitro

Wojtania A., Markiewicz M., Wójcik D., Cieślińska M., Orlikowska T., Kucharska D., Malinowski T., Kiszczak W., Matysiak B., Gabryszewska E., Góraj-Koniarska J., Górecka K., Sowik I.

2020

Red. A. Wojtania. Wyd. Instytut Ogrodnictwa, Skierniewice: 48 s. ISBN: 978-83-65903-84-6

Ten years of VINQUEST: first insight for breeding new apple cultivars with durable apple scab resistance

Patocchi A., Wehrli A., Dubuis P.H., Auwerkerken A., Leida C., Cipriani G., Passey T., Staples M., Didelot F., Phillion V., Peil A., Laszakovits H., Ruehmer T., Boeck K., Baniulis D., Strasset K., Vávra R., Guerra W., Masny S., Ruess F., Le Berre F., Nybom H., Tartarini S., Spornberger A., Pikunova A., Bus V.

2020

Plant Disease, 104(8): 2074-2081

Venturia inaequalis, apple breeding, apple scab, durable resistance, molecular marker, virulence

The apple REFPOP—a reference population for genomics-assisted breeding in apple

□Jung M., Roth M., Aranzana M.J., Auwerkerken A., Bink M., Denance C., Dujak C., Durel C-E., Font i Forcada C., Cantin C.M., Guerra W., Howard N.P., Keller B., Lewandowski M., Ordidge M., Rymenants M., Sanin N., Studer B., Żurawicz E., Laurens F., Patocchi A., Muranty H.

2020

Horticulture Research, 7: 189

The comparison of different types of heat accumulators and benefits of their use in horticulture
Kurpaska S., Knaga J., Latała H., Cupiał M., Konopacki P., Hołownicki R.
2020
Sensors, 20(5): 1417
accumulators, plastic tunnel, energy, efficiency, sensor

The dependent chemical composition of tomatoes grown in high plastic tunnels from the plant growth medium and the supply of heat
Sikorska-Zimny K., Kowalczyk W., Konopacki P., Hołownicki R.
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International Journal of Environmental Science, 5: 53-62
Solanum lycopersicum, lycopene, rock-accumulator, substrate, vitamin C

The dynamic of polyphenols concentrations in organic and conventional sour cherry fruits: results of a 4-year field study
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Prunus cerasus, organic farming, conventional farming, polyphenols, anthocyanins

The glucosinolates and their bioactive derivatives in Brassica: a review on classification, biosynthesis and content in plant tissues, fate during and after processing, effect on the human organism and interaction with the gut microbiota
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Brassica, glucosinolates gut microbiota, human body, microorganisms

The influence of organic fertilizer prototypes with the Trichoderma on the sanitary and enzymatic conditions of soil and the yield of spinach (*Spinacia oleracea* L.)
Wolna-Maruwka A., Niewiadomska A., Grzyb A., Piechota T., Szczech M., Rychlik P.
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Applied Ecology and Environmental Research, 18(2): 2807-2821
pathogens, molds, soil, biofertiliser, plant
