**References**

Alfian A, Suharsono, Tjahjoleksono A. 2020. Expression of c-lysozyme gene in transgenic potatoes cv. jala ipam against bacterial wilt disease caused by *Ralstonia solanacearum*. Internat J Agric Biol. 23(6):1136-1140. doi:10.17957/IJAB/15.1397.

Bhattacharya A, Sood P, Citovsky V. 2010. The roles of plant phenolics in defence and communication during *Agrobacterium* and *Rhizobium* infection. Molec Plant Path. 11(5):705-719. doi:10.1111/j.1364-3703.2010.00625.x.

Butaye KMJ, Cammue BPA, Delauré SL, De Bolle MFC. 2005. Approaches to minimize variation of transgene expression in plants. Molec Breed. 16(1):79-91. doi:10.1007/s11032-005-4929-9.

Charkowski A, Sharma K, Parker ML, Secor GA, Elphinstone J. 2020. Bacterial diseases of potato. In: Campos H dan Ortiz O, editor. The Potato Crop: Its Agricultural, Nutritional and Social Contribution to Humankind. Peru: Springer Nature Switzerland. p351-388.

Davidson RD, Xie K. 2014. Seed potato production. In: Navarre R dan Pavek M, editor. The Potato: Botany, Production and Uses. London: CAB International. p115-130.

Dong S, Shew HD, Tredway LP, Lu J, Sivamani E, Miller ES, Qu R. 2008. Expression of the bacteriophage T4 lysozyme gene in tall fescue confers resistance to gray leaf spot and brown patch diseases. Transgenic Res. 17:47-57.

Farhanah A, Suharsono, Wattimena GA, Widyastuti U. 2017. Genetic engineering of potato plant (*Solanum* *tuberosum* L.) cv. Jala Ipam with MmPMA gene encoding plasma membran H+-ATPase. Pakistan J Biotechnol. 14(1):37-42.

FAOSTAT. 2020. Crops and livestock products. Food and Agriculture Organization of the United Nations.

Fock I, Collonnier C, Purwito A, Luisetti J, Souvannavong V, Vedel F, Servaes A, Ambroise A, Kodja H, Ducreux G, Sihachakr D. 2000. Resistance to bacterial wilt in somatic hybrids between *Solanum* *tuberosum* and *Solanum* *phureja*. Plant Sci. 160(1): 165-176. doi:10.1007/s12230-018-9643-3.

Gea N, Suharsono, Wattimena GA, Widyastuti U. 2017. Introduction of Hd3a gene in IPB CP1 potato cultivar through *Agrobacterium* *tumefaciens*-mediated transformation under the control of use 35S CaMV promoter. Pakistan J Biotechnol. 14(2):129-134.

Gururani MA, Venkatesh J, Upadhyaya CP, Nookaraju A, Pandey SK, Park SW. 2012. Plant disease resistance genes: Current status and future directions. Physiol Molec Plant Pathol. 78:51-65.

Habe I. 2018. An in vitro assay method for resistance to bacterial wilt (*Ralstonia solanacearum*) in Potato. Amer J Potato Res. p1-6. doi:10.1007/s12230-018-9643-3.

Hwang HH, Yu M, Lai EM. 2017. *Agrobacterium*-Mediated Plant Transformation: Biology and Applications. The Arabidopsis Book. 15:1-32. doi:10.1199/tab.0186.

Jollès P. 1996. Lysozymes: Model Enzymes in Biochemistry and Biology. Basel (DE): Birkhäuser Verlag. p449.

Ko DK, Nadakuduti SS, Douches DS, Buell CR. 2018. Transcriptome profiling of transgenic potato plants provides insights into variability caused by plant transformation. PLoS One. 13(11):1-16. doi:10.1371/journal.pone.0206055.

Kohli A, González-Melendi P, Abranches R, Capell T, Stoger E, Paul Christou P. 2006. The quest to understand the basis and mechanisms that control expression of introduced transgenes in crop plants. Plant Signaling Behavior. 1(4):185-195. doi:10.4161/psb.1.4.3195.

Leng PH, Su SC, Wei F, Yu F, Duan YF. 2009. Correlation between browning, total phenolic content, polyphenol oxidase and several antioxidation enzymes during pistachio tissue culture. Acta Horticulturae. 829:127-132. doi:10.17660/Acta Hortic.2009.829.17.

Lowe-Power TM, Khokhani D, Allen C. 2018. How *Ralstonia* *solanacearum* exploits and thrives in the flowing plant xylem environment. Trends Microbiol. 26(11):929-942. doi:10.1016/j.tim.2018.06.002.

Masekesa TR, Gasura E, Ngadze E, Icishahayo D, Kujeke GT, Chidzwondo F, Robertson I. 2016. Efficacy of Zeatin, Kinetin and Thidiazuron in induction of adventitious root and shoot from petiole explants of sweetpotato cv. Brondal. South African J Bot. 104:1-5. doi:10.1016/j.sajb.2015.11.001.

McHughen A, Jordan M, Feist G. 1989. A preculture period prior to *Agrobacterium* inoculation increases production of transgenic plants. J Plant Physiol. 135 (2):245-248. doi:10.1146/annurev.cellbio.22.011105.102022.

Nakano Y. 2017. Effect of acetosyringone on *Agrobacterium*-mediated transformation of Eustoma grandiflorum Leaf Disks. Japan Agric Res Quarterly. 51 (4):351-355. doi:10.6090/jarq.51.351.

Park SH, Morris JL, Park JE, Hirschi KD, Smith RH. 2003. Efficient and genotype-independent *Agrobacterium*-mediated tomato transformation. J Plant Physiol. 160(10):1253-1257. doi:10.1078/0176-1617-01103.

Sangwan RS, Bourgeois Y, Brown S, Vasseur G, Sangwan-Norreel B. 1992. Characterization of competent cells and early events of *Agrobacterium*-mediated genetic transformation in *Arabidopsis* *thaliana*. Planta. 188:439-456.

Senjaya SK. 2017. Genetic engineering of potato plant cultivar Jala Ipam with c-lysozyme gene [Master Thesis]. [Bogor]: Institut Pertanian Bogor.

Serrano C, Arce-Johnson P, Torres H, Gebauer M, Gutierrez M, Moreno M, Jordana X, Venegas A, Kalazich J, Holuigue L. 2000. Expression of the chicken lysozyme gene in potato enhances resistance to infection by *Erwinia carotovora* subsp. *atroseptica*. Amer J Potato Res. 77(3):191-199.

Suharsono. 2002. [Construction of genomic library of soybean cultivar Slamet]. Hayati. 9(3):67-70.

Thaveechai N, Hartman GL, Kosittratana W. 1989. Bacterial Wilt Resistance Screening. Laboratory Course on Bacterial Wilt of Tomato. Thailand. Kasetsart University.

Yong WTL, Abdullah JO, Mahmood M. 2006. Optimization of *Agrobacterium*-mediated transformation parameters for *Melastomataceae* spp. using green fluorescent protein (GFP) as a reporter. Sci Hort. 109:78-85. doi:10.1016/j.scienta.2006.03.005.