

FACULTY PROFILE [SAMPLE]

 <p>Name: KISHOR CHANDRA DAHAL, PhD Position: Associate Professor Office: Institute of Agriculture and Animal Science (IAAS) Other Appointments: Dean, IAAS, TU; Member, Tribhuvan University Senate and Academic Council; Board member, Nepal Agriculture Research Council Contact Information: E: kishor.dahal@iaas.tu.edu.np M./W./V: +977 984 5046069</p> <p>Download CV (Link here)</p>	<p>Research Identifiers:</p> <p>Scopus: https://www.scopus.com/authid/detail.uri?authorId=57204915355 ORCID: https://orcid.org/my-orcid?orcid=0000-0001-5147-8037 Researchgate: https://www.researchgate.net/profile/Kc-Dahal?ev=hdr_xprf Google scholar: https://scholar.google.com/citations?user=r2iuzsQAAAAJ&hl=en</p> <p>Academic Qualifications:</p> <p>Bachelor: B.Sc.Ag. Rampur Campus, IAAS, TU, Nepal [2001] Master: M.Sc.Ag. Horticulture, IAAS, TU, Nepal [2005] PhD: Tablegrape production system in subtropics, CQUni, Aust. [2018]</p> <p>Research Interest/Expertise:</p> <p>Viticulture, Horticulture, Agricultural system transformation, Agricultural statistics, Higher education administration.</p> <p>Teaching:</p> <p>Undergraduate: Fundamental of horticulture, vegetable & spice crops, fruits & plantation crops, ornamental horticulture, post-harvest horticulture, agroforestry and introductory statistics. Postgraduate: Propagation & nursery management, growth & development of horticultural crops, technical writing, and statistical methods for biological sciences.</p> <p>Key Awards/Honors/Recognitions:</p> <p>Australia Awards 2014, Awarded by DFAT, Australia Faculty Research Grant, 2013 and 2019, UGC, Nepal Awardee of Research Endowment Fund TU-Grape Berry improvement Nepal coordinator- USDA-FAS funded climate smart crop technologies</p>
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Selected publications

- Dahal, KC, SP Bhattarai, David James Midmore, David Oag, Rekha Sapkota and Kerry Brian Walsh. In Situ Sucrose Injection for Alteration of Carbohydrate Reserve Dynamics in Grapevine. *Agronomy* 2024, 14(3), 425. [DOI: 10.3390/agronomy14030425]
- Dahal, KC, SP Bhattarai, DJ Midmore, DR Oag, and KB Walsh. 2021. Inflorescence development of 'Menindee Seedless' grapevines in the subtropics. *Journal of Horticultural Science and Biotechnology*. [DOI:10.1080/14620316.2021.1987845]
- Dahal, KC, SP Bhattarai, DJ Midmore, DR Oag, and KB Walsh. 2021. K⁺ ions improve hydraulic conductance of grapevine shoots for sucrose loading aimed at manipulation of vine carbohydrate reserves. *Fruits* 76(3), 107–115. [DOI: 10.17660/th2021/76.3.1]
- Dahal, KC, SP Bhattarai, DJ Midmore, DR Oag, and KB Walsh. 2019. Prior season gibberellic acid application influences table-grapevine fruitfulness. *Journal of Horticultural Science and Biotechnology* 95, 76 – 83. [DOI: 10.1080/14620316.2019.1642146].

- Dahal, KC, SP Bhattarai, DJ Midmore, DR Oag, and KB Walsh. 2019. Temporal yield variability in subtropical table grape production. *Scientia Horticulturae* 246, 951 – 956. [DOI: 10.1016/j.scienta.2018.11.063].
- Dahal, KC, SP Bhattarai, A Kicherer, DR Oag, and KB Walsh. 2018. Assessment of 'hen and chicken' disorder for marketable yield estimates of table grape using the 'Berry Analysis Tool'. *Vitis* 57, 27–34. [DOI: 10.5073/vitis.2018.57.27–34].
- Poudyal, D., C Ottosen, R Zhou and KC Dahal. 2023. Evaluating the physiological responses and identifying stress-tolerance of Akabare chili landraces to individual and combined drought and heat stresses. *AoB PLANTS*: 2041-2851. [DOI: 10.1093/aobpla/plad083]
- Poudyal, D., BK Joshi, KP Singh, SM Shakya and KC Dahal. 2023. A review of the diversity, distribution, and uses of Akabare chili landraces (*Capsicum* spp.) in Nepal. *Scientia Horticulturae*, 311: 111799.[DOI: 10.1016/j.scienta.2022.111799]
- Poudyal, D., C Ottosen, BK Joshi, KP Singh, SM Shakya and KC Dahal. 2023. Genetic diversity, production & Trade of chili with special reference to Nepal. *SABRAO Journal of Breeding & Genetics*, 55(1):1-14. [DOI: 10.54910/sabrao2023.55.1.1]
- Ghimire, N., P. Sapkota, P. Poudel, R. Sapkota, KC Dahal. (2024). Pruning date and hydrogen cyanamide effects on growth and yield of grapevine var. Cabernet Sauvignon. *Adv. Hort. Sci.* 3: 273-279. [DOI: 10.36253/ahsc16128]
- Poudyal, D, BK Joshi and KC Dahal. (2024). Insights into the agro-morpho-physiological responses of Akabare chili landraces to drought, heat, & their combined stress during pre-flowering & fruiting stages. *Heliyon* 10:e36239 [DOI:10.1016/j.heliyon.2024.e36239]
- Adhikari, SK, N Shrestha, KC Dahal & NR Adhikari. 2025. Characterization & Diversity Assessment of Selected Rice Varieties of Nepal Using SSR Marker. [<http://dx.doi.org/10.2139/ssrn.4992147>]
- Acharya, AK, DM Gautam, BB Khatri, PR Poudel, and KC Dahal.2025. Effect of gibberellic acid application on berry yield and quality of grapevine cv. Cabernet Sauvignon. [DOI: [10.31830/2454-1761.2025.CR-1008](https://doi.org/10.31830/2454-1761.2025.CR-1008)]
- Luitel, Gaurab and Panta, H. K. and Dahal, Kishor Chandra and Bhusal, Tara Prasad and Timsina, Krishna Prasad, From Leaves to Markets: Assessing Trade Competitiveness of Nepalese Tea in the WTO Era. [<http://dx.doi.org/10.2139/ssrn.5159478>]
- Khanal, A.; Regmi, P.P.; Gopal Bahadur, K.C.; Dilli Bahadur, K.C.; Dahal, K.C. 2021. Performance of IPM techniques on pesticide use and yield of vegetables. *Agriculture Science Digest*, 2-s2.0-85117207131. [DOI: 10.18805/ag.D-5273]

Thesis supervision: 9 (Major & Minor) PhD student and supervised >2 dozens of master students