

Resource Summary Report

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GenStat

RRID:SCR_014595

Type: Tool

Proper Citation

GenStat (RRID:SCR_014595)

Resource Information

URL: <http://www.vsni.co.uk/products/genstat/>

Proper Citation: GenStat (RRID:SCR_014595)

Description: A statistical software which can be used for basic statistics, experimental design, sample size calculations, and analysis of linear mixed models, time series, and spatial analysis.

Resource Type: software resource

Keywords: statistics, statistical, experimental design, linear mixed model, time series, spatial, size calculation, sample size

Resource Name: GenStat

Resource ID: SCR_014595

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260801T190505+0000

Ratings and Alerts

No rating or validation information has been found for GenStat.

No alerts have been found for GenStat.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1705 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Colville L, et al. (2026) Exceptional desiccation resistance in recalcitrant seeds of *Brosimum alicastrum* may confer ecological advantage. *Planta*, 263(2), 36.

Rakau PN, et al. (2025) Optimizing ethyl methanesulphonate for mutagenesis of selected tef [*Eragrostis tef* (Zucc.) Trotter] genotypes. *Scientific reports*, 15(1), 27542.

Vincenzi E, et al. (2025) Dose-response of tomato fruit yield to far-red fraction in supplementary lighting. *Frontiers in plant science*, 16, 1618171.

Balla MY, et al. (2025) Intraspecific variation for heat stress tolerance in wild emmer-derived durum wheat populations. *Frontiers in plant science*, 16, 1523562.

Ormston S, et al. (2025) Efficiency of feed and energy use in primiparous and multiparous dairy cows fed contrasting dietary protein concentrations across lactation. *Animal : an international journal of animal bioscience*, 19(3), 101426.

Girkin NT, et al. (2025) Plant root carbon inputs drive methane production in tropical peatlands. *Scientific reports*, 15(1), 3244.

Mkhonza NP, et al. (2025) Sugarcane cultivation reduces charcoal C and Al/Fe-bound OC in selected Ferralsols. *Environmental monitoring and assessment*, 197(4), 491.

Ke Y, et al. (2025) A single-cell and spatial wheat root atlas with cross-species annotations delineates conserved tissue-specific marker genes and regulators. *Cell reports*, 44(2), 115240.

Mukuze C, et al. (2025) Genome-wide association mapping of bruchid resistance loci in soybean. *PloS one*, 20(1), e0292481.

Espinosa Del Alba C, et al. (2025) Functional trade-offs and ecological correlates of seed oil traits in alpine ecosystems. *Plant biology (Stuttgart, Germany)*, 27(7), 1401.

Yousuf HMB, et al. (2025) Comparative assessment of conventional and hermetic storage facilities on wheat grain quality, pest infestation, and bread development. *Scientific reports*, 15(1), 34725.

Effa EB, et al. (2025) Impact of NPK on morphology and biomass of *Tephrosia vogelii*. *Scientific reports*, 15(1), 34072.

Batista A, et al. (2025) The role of silver nanoparticles in yellow lupine (*Lupinus luteus* L.) defense response to *Fusarium oxysporum* f.sp. *lupini*. *Scientific reports*, 15(1), 16136.

Cheng L, et al. (2025) The use of nitrogen isotopic fractionation as a biomarker for feed conversion efficiency in pigs using blood and hair samples. *Animal biotechnology*, 36(1), 2473494.

Kusi F, et al. (2025) Genotype x environment interaction effect on grain yield of cowpea (*Vigna unguiculata* (L.) Walp) in Deciduous forest and Sudan savanna ecologies of

Ghana. PloS one, 20(1), e0314464.

Azeem W, et al. (2025) The nematicidal potential of *Moringa oleifera* extracts and rhizobacteria against *Meloidogyne incognita* in tomato. *Frontiers in plant science*, 16, 1562074.

Kiss T, et al. (2025) Ambient temperature influenced co-expression network of major developmental, circadian, and photoreceptor genes in bread wheat. *Scientific reports*, 15(1), 27751.

Edwards C, et al. (2025) *Cryptosporidium* prevalence in calves and its effect on local water quality prior to abstraction and treatment. *Current research in parasitology & vector-borne diseases*, 8, 100295.

Garg V, et al. (2025) An Australian chickpea pan-genome provides insights into genome organization and offers opportunities for enhancing drought adaptation for crop improvement. *Plant biotechnology journal*, 23(9), 3967.

Nzimande NA, et al. (2025) The effects of post-harvest pretreatments and drying methods on in vitro bioaccessibility of phenolics and carotenoids in tomato (*Solanum lycopersicum*) cultivars. *Journal of food science*, 90(2), e70001.