

# Drought Tolerant near Isogenic Lines (NILs) of Pusa 44 I Introgression of qDTY2.1 and qDTY3.1 Enhances Yield u Stress

Agriculture (Switzerland)

11, 64

DOI: [10.3390/agriculture11010064](https://doi.org/10.3390/agriculture11010064)

Citation Report

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Introgression of qDTY1.1 Governing Reproductive Stage Drought Tolerance into an Elite Basmati Rice Variety "Pusa Basmati 1" through Marker Assisted Backcross Breeding. <i>Agronomy</i> , 2021, 11, 202.                       | 3.0 | 17        |
| 2  | Molecular Breeding for Improving Productivity of <i>Oryza sativa</i> L. cv. Pusa 44 under Reproductive Stage Drought Stress through Introgression of a Major QTL, qDTY12.1. <i>Genes</i> , 2021, 12, 967.                      | 2.4 | 6         |
| 3  | Development of near isogenic lines for grain softness through marker assisted backcross breeding in wheat. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2022, 31, 410-420.   | 1.7 | 1         |
| 4  | Drought Tolerant Near Isogenic Lines of Pusa 44 Pyramided With qDTY2.1 and qDTY3.1, Show Accelerated Recovery Response in a High Throughput Phenomics Based Phenotyping. <i>Frontiers in Plant Science</i> , 2021, 12, 752730. | 3.6 | 2         |
| 6  | Root System Architecture and Omics Approaches for Belowground Abiotic Stress Tolerance in Plants. <i>Agriculture (Switzerland)</i> , 2022, 12, 1677.   | 3.1 | 5         |
| 7  | Phytofunctionalized ZnO nanoparticles ameliorate water stress and its recovery in <i>Oryza sativa</i> L.. <i>Acta Physiologiae Plantarum</i> , 2022, 44, .   | 2.1 | 5         |
| 8  | Marker assisted backcross breeding to develop the drought tolerant version of IR58025B, a popular maintainer line of hybrid rice. <i>Oryza</i> , 2022, 59, 418-429.  | 0.4 | 1         |
| 9  | Principles of Variety Maintenance for Quality Seed Production. , 2023, , 153-172.  |     | 1         |
| 10 | Genetic dissection of drought resistance for trait improvement in crops. <i>Crop Journal</i> , 2023, 11, 975-985.  | 5.2 | 5         |
| 11 | Promising drought and salinity tolerance features of <i>Nigrospora</i> species existing as endophytes in <i>Oryza sativa</i> . <i>3 Biotech</i> , 2023, 13, .  | 2.2 | 1         |
| 12 | Integration of miRNA dynamics and drought tolerant QTLs in rice reveals the role of miR2919 in drought stress response. <i>BMC Genomics</i> , 2023, 24, .  | 2.8 | 3         |
| 13 | Estimation of upland rice samples for the presence of the drought resistance gene qDTY1.1 using a DNA marker. <i>Grain Economy of Russia</i> , 2023, , 48-55.  | 0.6 | 0         |
| 14 | Implications of tolerance to iron toxicity on root system architecture changes in rice ( <i>Oryza sativa</i> ) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50  | 3.9 | 0         |