

SCIENTIST PROFILE



1. Name & Designation : Dr.(Mrs.) Urmila Dhua
Principal Scientist
2. Date of Birth : 30th August, 1954
3. Date of joining ICAR : 12th September, 1977
4. Date of joining the present post : 1st July, 1998
5. Qualification (Highest degree) : Ph.D
6. Post Doctoral Research Experience/Training:
 - Training at Rothamsted Experimental Station, Harpenden, Herts, U.K on “Techniques and principles involved in Plant Epidemiological studies” for 7 months.
7. Area of Specialization/research interest: Plant Pathology
8. Significant Contribution including products and patents (Five bullets):
 - A selective method for isolating *Pyricularia* from blast lesions.
 - Integrated Scoring System for rice blast.
 - Induction of tolerance in rice to Rice Tungro Virus by false smut treatment.
 - Identification and management of emerging diseases of rice
 - Identification and evaluation of bio-control agents (endophytes and cowshed bacteria) against rice pathogen and impact of bio-control agents on host plant was also studied.
9. Awards/Honours: Best Worker Award, CRRI, Cuttack during 1992.
10. Publications (10 best):
 - i. **Dhua U**, Dhua SR and Chhotaray A (2011). Identification of rice endophytes and their impact on host cultivars in coastal Orissa. **Oryza** 48(3): 244-249.
 - ii. Dhua SR, **Dhua U** and Chhotaray A (2010). Seedling Blight of Rice variety Sarala. **Oryza** 47(3): 257-259.
 - iii. **Dhua U**, Sahoo I, Nayak S , Behera L, Mohanty SK and Dhua SR (2008). Identification of *Fusarium* isolates for use in pathogen derived resistance in the management of seed discolouration of rice. **Oryza** 45(4): 303-307.
 - iv. **Dhua U** and Dhua SR (1999) Evaluation of rice germplasm against false smut disease of rice. **Oryza** 36(2): 190-191.
 - v. **Dhua U** (1998) Integrated Scoring System for rice blast. **Indian Phytopath**, 51(1): 57-60.
 - vi. **Dhua U** (1998). Induction of tolerance in rice to Rice Tungro Virus by false smut treatment. **Journal of Mycol. Plant Pathology** 28(3): 321-322.
 - vii. **Dhua U** (1989). Relation between colour, size and sporulation ability of rice blast lesions. **Journal of Phytopath** 124: 27-30.
 - viii. **Dhua U** (1987). Association of green island with rice blast lesions and its utility in varietal screening. **Current Science** 56(4): 192-193.
 - ix. **Dhua U** (1986). A selective method for isolating *Pyricularia* from blast lesions. **Current Science** 55(8): 410-411.
 - x. **Dhua U** (1986). Perpetuation of blast pathogen in rice stubbles. **Current Science** 55(10): 510-511.