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Area of Specialization	Habitat management, transgenic rice, entomopathogenic nematodes and integrated pest management in rice.
Relevant publications	<p>Padmakumari, A P and I C Pasalu 2003. Influence of planting pattern of trap crops on yellow stem borer, <i>Scirpophaga incertulas</i> (Walker) damage in rice. <i>Indian Journal of Plant Protection</i> 30 (1): 78-83.</p> <p>Surekha, K, A P Padmakumari, M N Reddy, K.Satyanarayana and P C Sta cruz. 2003. Crop residue management to sustain soil fertility and irrigated rice yield. <i>Nutrient cycling in Agroecosystems</i> 67:145-154</p> <p>Katti, G, A P Padmakumari, J S Prasad 2003. An entomopathogenic nematode infecting rice yellow stem borer, <i>S. incertulas</i>. <i>Indian Journal of Plant Protection</i> 31(2):80-84.</p> <p>Padmakumari, A P, J S Bentur, I C Pasalu 2004. <i>Echinochloa</i> sp- an alternate host for Asian rice gall midge <i>O. oryzae</i>. <i>Indian Journal of Entomology</i> 66(1): 33-36</p> <p>Padmakumari, A P and I C Pasalu 2005. Paspalidium midge, <i>O.fluvialis</i> and its parasitoids on rice. <i>Oryza</i> 42 (2):164-166</p> <p>Sailaja, B, D Krishnaveni, A P Padmakumari and B Mishra 2004. Developing computer expert for management of pathogens and insect pests in rice. <i>Journal of Mycology and plant Pathology</i> 34(2): 495-499.</p> <p>Ramesh S, Nagadhara, D, I C Pasalu, A P Padmakumari, N P Sarma, V D Reddy and K V Rao. 2004. Development of stem borer resistant transgenic parental lines involved in the production of hybrid rice. <i>Journal of Biotechnology</i> 111: 131-141.</p>

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- Pasalu I C, Gururaj Katti, N V Krishnaiah and **Padmakumari, A P** 2006. Integrated pest management modules in rice – A multilocational study. Poster presented (Abstract ID: 1378) pp 417-418 in: Abstracts – 26th International Rice Research Conference, 2nd International Rice Congress 2006, October 9-13, New Delhi, India.
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