

NERICA Bibliography

1987

Jacquot, M. 1987. Varietal improvement programme for pluvial rice in Francophone Africa. In, I. W. Buddenhagen and G. J. Persley (eds). *Rice in Africa*. London & New York: Academic Press).

1989

Pham, J.-L. & Bougerol, B. 1989. Abnormal segregation patterns in crossed between *Oryza sativa* and *O. glaberrima*. *Rice Genetics Newsletter* 6: 80-82.

1991

Dingkuhn, M., Schnier, H.F., De Datta, S.K., Doerffling, K., Javellana, C., 1991. Relationship between ripening phase productivity and crop duration, canopy photosynthesis and senescence in transplanted and direct seeded lowland rice. *Field Crops Research* 26, 327-345.

1993

Pham, J.-L. & Bougerol, B. 1993. Abnormal segregations in crosses between 2 cultivated rice species. *Heredity* 70: 466-471.

1996

Dingkuhn, M., 1996. Modelling concepts for the phenotypic plasticity of dry matter and nitrogen partitioning in rice. *Agricultural Systems* 52: 383-397.

Jones, M.P., D.E. Johnson and T. Kouper, 1996. Selection for weed competitiveness in upland rice. *International Rice Research Notes* 21(1): 32-33.

1997

Johnson, D. E., Riches, C. R., Diallo, R. & Jones, M. J. 1997. Striga on rice in West Africa; Crop host range and the potential of host resistance. *Crop Protection* 16: 153-157.

Jones, M. P., Mande, S. & Aluko, K. 1997a. Diversity and potential of *Oryza glaberrima* Steud in upland rice breeding. *Breeding Science* 47: 395-398.

Jones, M. P., Dingkuhn, M., Aluko, G. K. & Semon, M. 1997b. Interspecific *Oryza sativa* L X *O. glaberrima* Steud progenies in upland rice improvement. *Euphytica* 92: 237-246.

Dingkuhn, M., Jones, M.P., Fofana, B., Sow, A., 1997b. New high yielding, weed competitive rice plant types drawing from *O. sativa* and *O. glaberrima* gene pools. In: Kropff, M.J., Teng, P.S., Aggarwal, P.K., Bouma, J., Bouman, B.A.M., Jones, J.W., van Laar, H.H. (Eds.), *Application of Systems Approaches at the Field Level*, vol. 2. Kluwer Academic Publishers, Dordrecht, The Netherlands, pp. 37-52.

Sahrawat, K.L., M.P. Jones and S. Diatta, 1997. Extractable phosphorus and rice yield in an Ultisol of the humid forest zone in West Africa. *Communications in Soil Science and Plant Analysis* 28: 711–716.

Sahrawat, K.L., M.P. Jones and S. Diatta, 1997. Direct and residual phosphorus effects on yield and phosphorus efficiency of upland rice in an Ultisol. *Nutrient Cycling in Agroecosystems* 48: 209–215.

1998

Albar, L., M. Lorieux, N. Ahmadi, I. Rimbailt, A. Pinel, A.A. Sy, D. Fargette and A. Ghesquière, 1998. Genetic basis and mapping of the resistance to rice yellow mottle virus. I. QTLs identification and relationship between resistance and plant morphology. *Theoretical and Applied Genetics* 97: 1145–1154.

Audebert, A., M. Dingkuhn, M.P. Jones and D.E. Johnson, 1998. Physiological mechanisms for vegetative vigor of interspecific upland rices—Implications for weed competitiveness. *Japanese Journal of Crop Science* 67(2): 358–359.

Dingkuhn, M., Jones, M. P., Johnson, D. E. & Sow, A. 1998. Growth and yield potential of *Oryza sativa* and *O. glaberrima* upland rice cultivars and their interspecific progenies. *Field Crops Research* 57: 57-69.

Futakuchi, K., A. Audebert, M.P. Jones and M. Dingkuhn, 1998. Lowland adaptability of interspecific progenies from *Oryza sativa* and *O. glaberrima* crosses. 1. Screening for growth and yield performance of progenies in lowland conditions. *Japanese Journal of Crop Science* 67(2): 12–13.

Johnson, D.E., M. Dingkuhn, M.P. Jones and M.C. Mahamane, 1998. The influence of rice plant type on the effect of weed competition on *Oryza sativa* and *Oryza glaberrima*. *Weed Research* 38: 207–216.

Johnson, D.E., Dingkuhn, M., Jones, M.P., Mahamane, M.C., 1998. The influence of rice plant type on the effect of weed competition on *O. sativa* and *O. glaberrima*. *Weed Research* 38, 207-216.

Sahrawat, K.L., M.P. Jones and S. Diatta, 1998. Plant phosphorus and rice yield in an ultisol of the humid forest zone in West Africa. *Communications in Soil Science and Plant Analysis* 29(7-8): 997–1005.

1999

- Asch, F., Sow, A. and Dingkuhn, M. 1999. Reserve mobilization, dry matter partitioning and specific leaf area in seedlings of African *rice* cultivars differing in early vigor. *Field Crops Research* 62: 191-202.
- Asch, F., M. Dingkuhn, C. Wittstock and K. Doerffling, 1999. Sodium and potassium uptake of rice panicles as affected by salinity and season in relation to yield and yield components. *Plant and Soil* 207: 133-145.
- Dingkuhn, M. & Asch, F. 1999. Phenological responses of *Oryza sativa*, *O-glaberrima* and inter-specific rice cultivars on a toposquence in West Africa. *Euphytica* 110: 109-126.
- Dingkuhn, M., A. Audebert, M.P. Jones, K. Etienne and A. Sow, 1999. Control of stomatal conductance and leaf rolling in *O. sativa* and *O. glaberrima* upland rice. *Field Crops Research* 61: 223-236.
- Dingkuhn, M., Johnson, D. E., Sow, A. & Audebert, A. Y. 1999. Relationships between upland rice canopy characteristics and weed competitiveness. *Field Crops Research* 61: 79-95.
- Jones, M.P., 1999. Food security and major technological challenges: The case of rice in Sub-Saharan Africa. *Japanese Journal of Crop Science* 67 (extra issue 2): 57-64.
- Jones, M.P., 1999. Basic breeding strategies for high yielding rice varieties at WARDA. *Japanese Journal of Crop Science* 67 (extra issue 2): 133-136.
- Lorieux, M., M.-N. Ndjiondjop and A. Ghesquière, 1999. A first interspecific *Oryza sativa* × *O. glaberrima* microsatellite-based genetic linkage map. *Theoretical and Applied Genetics* 100: 593-601.
- Ndjiondjop, M.-N., L. Albar, D. Fargette, C. Fauquet and A. Ghesquière, 1999. The genetic basis of high resistance to rice yellow mottle virus (RYMV) in cultivars of the two cultivated rice species. *Plant Disease* 83: 22-24.
- Plowright, R.A., D.L. Coyne, P. Nash and M.P. Jones, 1999. Resistance of the rice nematodes *Heterodera sacchari*, *Meloidogyne graminicola* and *M. incognita* in *Oryza glaberrima* and *O. glaberrima* × *O. sativa* interspecific hybrids. *Nematology* 1(7-8): 745-751.
- Sahrawat, K.L., M.P. Jones and S. Diatta, 1999. Phosphorus, calcium, and magnesium fertilization effects on upland rice in an Ultisol. *Communications in Soil Science and Plant Analysis* 30(7&8): 1201-1208.
- Sie, M., Ghesquiere, A. & Miézan, K. 1999. Structure genetique des varietes traditionnelles de riz (*Oryza sp.*) du Burkina Faso. *Agronomie Africaine* 11: 57-71.

2001

- Williams, C. T., Ukwungwu, M. N., Singh, B. N. & Okhidievbie, O. 2001. Assessment of host plant resistance in *Oryza sativa* to the African rice gall midge, *Orseolia oryzivora* Harris and Gagne (Dipt., Cecidomyiidae), with a description of a new method for screening under artificial infestation. *Journal of Applied Entomology-Zeitschrift fur Angewandte Entomologie* 125: 341-349.

2002

George, T., R.Magbanua, D.P. Garrity, B.S.Tubana and J.Quiton, 2002. Rapid yield loss of rice cropped successively in aerobic soil. *Agronomy Journal* 94(5): 981-989.

Omoloye, A. A., Odebiye, J. A., Williams, C. T. & Singh, B. T. 2002. Tolerance indicators and responses of rice cultivars to infestation by the African rice gall midge, *Orseolia oryzivora*. *Journal of Agricultural Science* 139: 335-340.

2003

Dalton, T. J. & Guei, R. G. 2003. Productivity gains from rice genetic enhancements in West Africa: Countries and ecologies. *World Development* 31: 359-374.

2004

Harsch, E., 2004. Un riz miracle africain: Des variétés de Nerica à haut rendement, contre la faim et la pauvreté rurale. *Afrique Relance* 17(4): 10-22.

Harsch, E., 2004. Persistance, innovation et lait de noix de coco. *Afrique Relance* 17(4): 22-28.