

A PRELIMINARY NOTE ON DIFFERENT, GALL TYPES CAUSED BY RICE GALL MIDGE, *ORSEOLIA ORYZAE* (WOOD—MASON)

The rice gall midge, *Orseolia oryzae* (Wood Mason) (Diptera:Cecidomyiidae) typically causes hollow, long, tubular galls of silver shoots.

A regular survey of rice crop in representative climatic zones of Madurai district of Tamil Nadu during 1981-82 revealed eight different types of galls caused by this insect. The detailed description of each gall type, the rice variety affected and other details of each are given in Table 1.

Table 1
Details of gall types observed during the surveys

Sl. No.	Gall characteristic	Description	Rice variety/culture
1	Purple coloured	Whole gall shows purple pigmentation	Chitraikar, Ariyan, Puzhithikar, TKM 9, Intan, Ramnad Local and IET 6757
2	Purple and green intensities	Same variety showed colour galls of various intensities	Vaigai (Co 37)
3	Normal gall with suture	Gall is purple with suture on length wise	Pushpha
4	Spikelet gall	Two flowers of spikelet infested and glumes were enlarged with a small gall	CSRI
	Spiral gall	Devoid of (spongy) pithy region, shows curling all over	Jaya, IR 20, Bhawani
	Twisted gall	Purple and green line all around and concavity, twisting at middle portion of gall	Jaya, IR 20, Bhawani, IET 7012
	Triple gall	One tiller shows 3 galls and one of them big with 2 small gall at one place	TNAU 20997
	Double gall	Seen in large numbers on this particular variety with 2 galls on one tiller	Co 42

This type of gall midge study in different varieties of rice is reported at various rice tracts of Tamil Nadu for the first time in India though Hidaka (1974) also reported similar type of findings in some rice varieties in Thailand.

സംഗ്രഹം

റെസ്പ ഗാരമിഡ്ജ് *Orseolia oryzae* (Wood-Mason) തമിഴ്നാടിന്റെ വിവിധ നെൽകൃഷി സ്ഥലങ്ങളിൽ പല ഇനം നെല്ലുകളിൽ വരുത്തുന്ന ഗാഢ (gall) ന്റെ ഒരു വർണ്ണന ഇതിൽ നൽകിയിരിക്കുന്നു.

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References

Hidaka, T. 1974. Recent studies on the rice gall midge *Orseolia oryzae* (Wood-Mason) Cecidomyiidae:Diptera). *Rev. Plant. Prot. Res.* 7:99-143

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