

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:1591  
ANSWERED ON:06.03.2006  
WILT PROBLEM IN RED GRAM  
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**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether wilt problem to the red gram has emerged in Karnataka and other States of the country;
- (b) if so, the details thereof; and
- (c) the steps being taken by the Government in this regard?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTILAL BHURIA)

(a)&(b): Red gram wilt disease is reported to cause the following average plant mortality in Karnataka and other States:

Karnataka 1.1 %  
Bihar 18.3%  
Gujarat 5.4 %  
Andhra Pradesh 5.3 %  
M.P. 5.4 %  
Maharashtra 22.6 %  
U.P. 8.2 %  
West Bengal 6.12 %  
Tamil Nadu 1.4 %  
Other States Below 1 %

(c): Wilt resistant/tolerant varieties such as Maruthi, Asha, BSMR 736, BSMR 853, ICPL 87051, ICPL 87, JA 4, MA 3, MA 6, NDA 98-2, BDN2, Narendra Arhar 1, Amar, Azad and DA 11 have been developed and released. Seed treatment with carbendazim+Thiram or bio-agents (*Trichoderma* spp.) has been recommended. Intercropping and crop rotation with sorghum has also been advocated. All these components have been integrated into a Package of Practices under Integrated Pest Management which is demonstrated and implemented in Karnataka and other parts of the country through Farmers Field Schools.