

**Directorate of Pulses Development, GOI, Bhopal**  
**Ministry of Agriculture & Farmers Welfare, GOI**  
**Bhopal-462004 (MP)**

To

The Joint Secretary (Crops)  
Government of India  
Ministry of Agriculture and Farmers Welfare  
Department of Agriculture & Cooperation  
Krishi Bhavan, New Delhi 110001

Sub.: Report on incidence of YMV and insect-pests infestation under soybean crop in  
Madhya Pradesh state- Reg.

Reference: telephonic conversation dated August 28 & September 04, 2015.

Sir,

In the State of MP, during current Kharif season, against a total Kharif coverage of 126.37 lakh ha, as on 3.9.2015 approx 59.06 lakh ha is under Soybean crop. The area covered in the state is 102.10% of the state's Normal soybean area of 57.84 lakh ha.

2. The physiological stage of the crop in different districts based on the dates of sowing is from flowering to pod formation and pod filling stage.

3. The major varieties grown in the state are JS 9560, JS 9305, JS 335, NRC 7 etc. Variety JS-9560 is in maximum area.

4. Continuous rains in differ parts of Malwa area (Dewas, Indore, Sehore etc.) from 19<sup>th</sup> July to 18<sup>th</sup> August, 2015 affected the inter-culture operations including the prophylactic IPM measures. The insects like blue beetle, white fly, stem fly, gram semi-looper and Girdle beetle etc. are the major insects. The farmers have also sprayed Trizophos 40 EC @ 0.80 litre per ha, Chloropyriphos 20 EC @ 1.5 litre per ha, Profenophos 50 EC @ 1.25 litre per ha etc.

5. The Directorate also visited in the districts of Hoshangabad, Harda, Sagar, Damoh, Raisen, Shahdole, Umaria during July, 2015 and Rewa, Sidhi, Satna, Indore, Ujjain, Dewas, Sehore, Guna, Ashoknagar, Shajapur etc. recently during August.

..2/-

The field report during July was normal for almost all the crops. The recent observations during August has recorded the reports of flower drops, due to continuous rains, YMV, sucking pests, girdle beetle, semi-looper, *Helicoverpa* etc. However, the intensity of infestation in the visited area was found below ETL, except some pockets where suitable control measures were adopted by the farmers.

6. On September 3-4, 2015, field visit in District Bhopal and Raisen has revealed that the pest complex including collar rot and YMV is visible and this may affect the yield levels.

7. The State Department of Agriculture, as per their preliminary report as on 28.08.2015 has indicated an area of about 1.09 lakh ha (1.85% ) infested due to YMV (vector white fly) and about 1.58 lakh ha ( 2.68%) due to other insect-pests. The Division-wise detail on infestation is as under **Table 1**.

The State Agriculture Department has informed that Joint survey Team comprising Agriculture Department + Revenue Department has been assigned to carry out survey on actual loss in affected districts, the detailed report would follow accordingly.

**Table 1 : Division-wise infested area**

(Area: 000 ha)

S. N.	Division	Area Sowing	Area infested due to YMV		Area infested due to Pest		% area infested of total sowing	Village Affected
			Area	%	Area	%		
1	Jabalpur	214.70	38.33	<b>17.85</b>	3.81	<b>1.78</b>	19.63	
2	Sagar	541.50	15.72	<b>2.90</b>	25.01	<b>4.62</b>	7.52	215
3	Rewa	135.50	0.72	<b>0.53</b>	-	-	0.53	
4	Sahdole	25.40		<b>0.00</b>	-	-	0.00	
5	Indore	888.60	8.12	<b>0.91</b>	22.37	<b>2.52</b>	3.43	787
6	Ujjain	1830.50	16.77	<b>0.92</b>	86.69	<b>4.74</b>	5.65	
7	Gwalior	549.90	10.20	<b>1.85</b>	-	-	0.00	109
8	Morena	44.10		<b>0.00</b>	-	-	0.00	
9	Bhopal	1102.20	12.30	<b>1.12</b>	19.22	<b>1.74</b>	2.86	674
10	Hosangabad	501.50	7.26	<b>1.45</b>	1.40	<b>0.28</b>	1.73	
<b>State</b>		<b>5904.40</b>	<b>109.42</b>	<b>1.85</b>	<b>158.49</b>	<b>2.68</b>	<b>4.54</b>	

Yours faithfully,

(Dr. A. K.Tiwari)  
Director