



Locust Prevention measures in Tajikistan

Topic: Chemical Treatment

State Unitary Organization “Locust Prevention”
UNDP DRMP

May 24th, 2011



Background information

Locust prevention measures are being implemented within the framework of the State Program for Locust Prevention 2011-2015.

(Draft document was adopted on October 30th, 2010 by the Government of Tajikistan).

Locust coverage in Tajikistan as of May 20, 2011

- Total locust coverage territory - **125,247** ha (**68,600** in 2010);
- Chemical treatment coverage on **99,373** ha (**55,639** in 2010);
- Involved labor force at total **3,476** people;
- Involved field-engine at total **66** pieces (cotton spraying machine);
- Manual spraying device at total **1,822** pieces.

	2010 (ha)	(%)	2011 (ha)	(%)
Total territory	68600		125247	
Chemical treatment	55639	81%	99373	79%

Direct Rule Districts of Tajikistan

- Total locust coverage territory – **16,900** ha (**1,800** ha less than in 2010);
 - Rudaki – **6,500** ha;
 - Hissar – **3,100** ha;
 - Shahrinav **3,000** ha;
 - Tursunzade **2,800** ha;
- Chemical treatment coverage on **12,980** ha (**77%**) (6 field-engines, 295 manual spraying devices, 395 people).

Khatlon Region

- Total locust coverage territory – **80,050** ha (**43,750** ha more than in 2010);
 - J.Rumi – **12,000** ha;
 - Vakhsh – **9,500** ha;
 - Farkhor – **7,050** ha;
 - Kumsangir – **6,800** ha;
 - Pyanj – **6,300** ha;
 - Dangara – **5,000** ha;
 - Shahrituz – **4,900** ha;
- Chemical treatment coverage on **69,990** ha (**87%**) (30 field-engines, 1,210 manual devices, 2,725 people).

Sughd Region

- Total locust coverage territory – **28,097** ha
(**14,837** ha more than in 2010);
 - Bobojon Gafurov – **5,790** ha;
 - Zafarobod – **4,102** ha;
 - Asht – **3,760** ha;
 - Mastchoh – **3,660** ha;
 - Istaravshan – **3,220** ha;
- Chemical treatment coverage on – **16,403**
(**58%**).

Gorno-Badakhshan Autonomous Oblast (GBAO)

- Total locust coverage territory - **200** ra (**800** ha less than in 2010);
- No chemical treatment has been reported

Causes

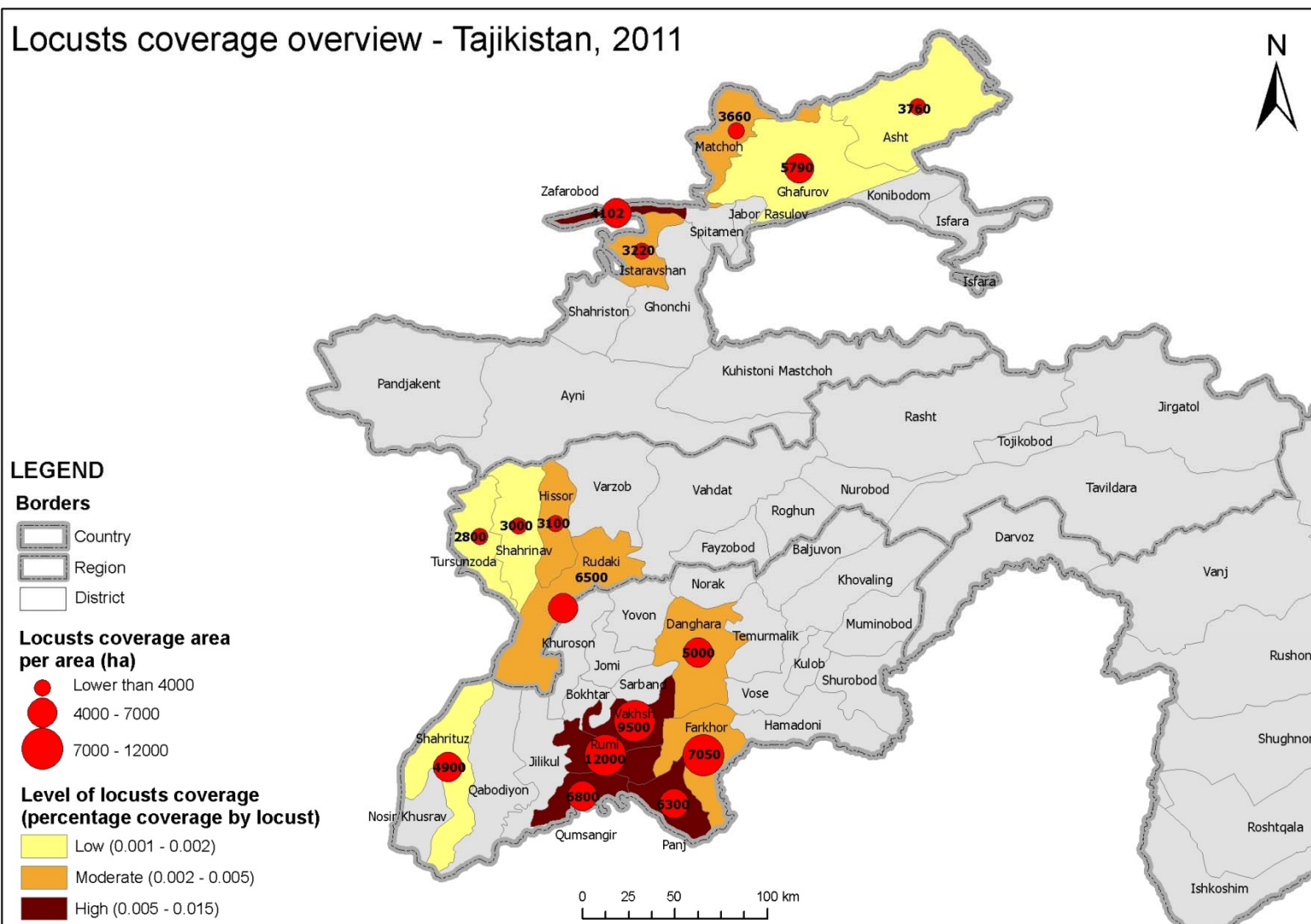
- Drought;
- Migration from higher elevations and bordering countries;

Egg-laying places

- In-accessible places (mountains and foothills);
- Sunny places during spring;
- Pasture;
- One grasshopper (100 eggs);
- 1 m² has 17,000 grasshoppers;
- 35-40 the most active period (life time totals 85-90 days);

Map of locust coverage in Tajikistan, 2011

Locusts coverage overview - Tajikistan, 2011





Thank You!

State Unitary Organization “Locust Prevention”

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