Situation Overview

As a result of heavy snowfall and decrease of temperatures (-1 to -9 °C) in the period of March 29- April 1, 2015 a significant damage caused to agriculture crops and orchards in Sughd Province (northern part of Tajikistan).

Damage Information

In April 6, 2015 the joint (government and international organizations) mission was deployed to Sughd Province to conduct an assessment on evaluation of the situation and determine the scale of economic loss and approximate amount of the required financial support.

The assessment was conducted by six Working Groups in the following cities and districts of Sughd Province: Isfara, B.Ghafurov, Konibodom, J.Rasulov, Spitamen, Ghonchi and Istaravshan.

The results of assessment showed that the frost significantly damaged the harvests of orchards, vineyards and other crops.

As per assessment report, the frost affected 34,140 ha of the orchards, which is 81,8% of the total area of the commercial plantations.

In Asht, J. Rasulov, Zafarobod, Konibodom, Mastchoh, and Spitamen districts, orchards have been damaged for 100%. In other districts, percentage of the damages are as follow: Isfara - 88,5%, Ayni - 83,5%, B Gafurov - 79,1%, Panjakent - 35,1%, Istaravshan - 17,3%, Ghonchi - 14,2% and Shahriston - 3,7%.

Besides the orchards and vineyards, the frost negatively affected the other agricultural crops as well. According to the observations in B. Gafurov, Konibodom, Ghonchi, J. Rasulov, Mastchoh, and Spitamen districts the planted crops have been partially damaged.

The total area of the planted crops in the above mentioned districts consist of 15,902.6 ha, from which 6,776.8 ha have been damaged, which is equal to 42,6%.
According to the analyses, it has been identified that **total amount of the damages in the region is 548,9 million Somoni** (for more information on agricultural loss in Sughd Province per districts, please see the Annex I.)

### Needs Information

According to the results of assessment, the following needs were identified:

#### Seeds:
- Corn (for seeds) - 227,203 kg
- Corn (for fodders) - 392,733 kg
- Haricot – 116,846 kg
- Mung bean – 186,630 kg
- Vegetable seeds – 82,765 kg
- Diesel fuel – 6,491 tons
- Different fertilizers – 38,948 kg

#### Food needs:
- Wheat flour - 5,364.5 tons
- Oil – 608,6 tons
- Buckwheat - 338,1 tons
- Rice - 450,8 tons
- Pearl barley - 225,4 tons
- Haricot - 225,4 tons
- Pea – 225,4 tons

#### Pesticides and fertilizers:
- Karate – 38,948.7 kg
- NGO – 23,369.2 kg
- Kurzait – 155,794.7 kg
- Mineral fertilizers – 6,491.4 tons

For more information, please contact:

- Col. Jamshed Kamolov, CoES Department for Protection of Population and Territories, Tel: (+992 37) 221-8742
- REACT Secretariat in Dushanbe: Tel: (+992 44) 600-5922/600 5596/97/98; email: react.dushanbe@undp.org
# Rapid Emergency Assessment & Coordination Team | Tajikistan

## Annex I

### Information on agricultural loss in Sughd Province as the result of the frost on 29 March-1 April 2015

<table>
<thead>
<tr>
<th>#</th>
<th>Towns and districts</th>
<th>Ha</th>
<th>Amount (thousand TJS)</th>
<th>Overall damage</th>
<th>Including</th>
<th>Consequences of the damage will lead to:</th>
<th>Overall damage cost in all sectors (thousand TJS)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Ayni</td>
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<td>90578,0</td>
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</table>

### Statistical Data

- **Total in Province:**
  - 45079.5
  - 480998.7
  - 38302.7
  - 417918.8
  - 6776.8
  - 63079.8
  - 45080.0
  - 13523.9
  - 1758.1
  - 9015.9
  - 6761.9
  - 34139.9
  - 548940.2

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91/10 Shevchenko street, Dushanbe, Tajikistan,
Office: (+992 44) 6005922, 6005919. www.untj.org