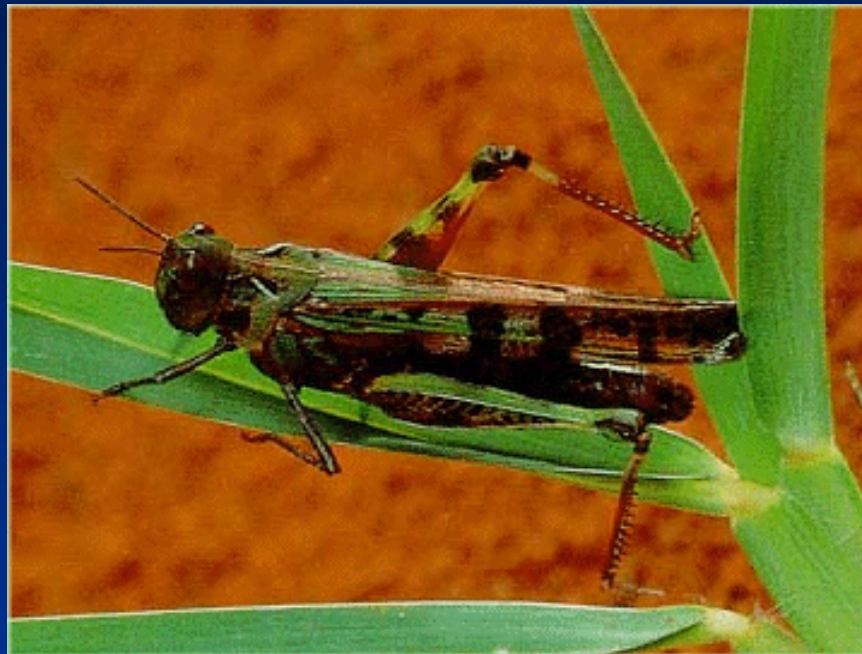


PROTECTION OF CROPS FROM LOCUST INFESTATION TAJIKISTAN

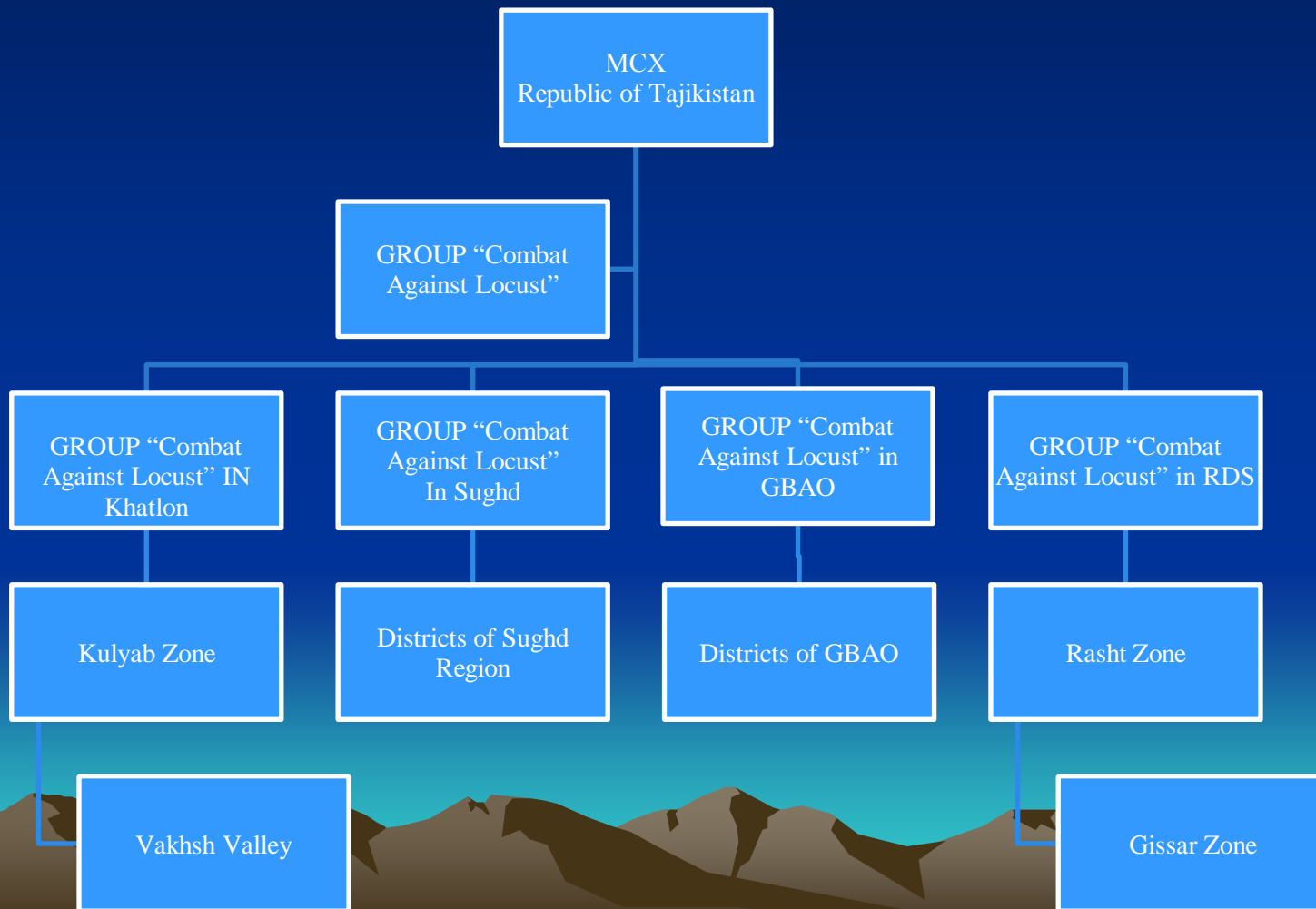


Head of State Republican Unitary Enterprise «Combat Against Locust» of the Republic
of Tajikistan Ganiev K. S
Dushanbe

- Due to the drought in 2011, areas inhabited by locust, reached almost 159 000 hectares, which is 54 000 ha more than in 2010. Surveyed area was 245,500 ha, of which 158,516 hectares were occupied and 137 518 hectares treated, including 120 015 hectares against the DMA and 17,503 hectares as against CIT. At the end of the season, State Republican Unitary Enterprise (GROUP) "Combat against Locust" conducted a summer survey of 62 183 ha. The company has been involved in combating the locust, and 66 tractor 1822 manual sprayer, including 300 turbo aero zonal sprayers. More than 4000 workers struggled daily with the locusts. The most serious problems concentrated along the border with Afghanistan, Uzbekistan and Kyrgyzstan, because of limited access in the neutral zone and inaccessible to thousands of acres of foothill areas inhabited by locusts were not treated.



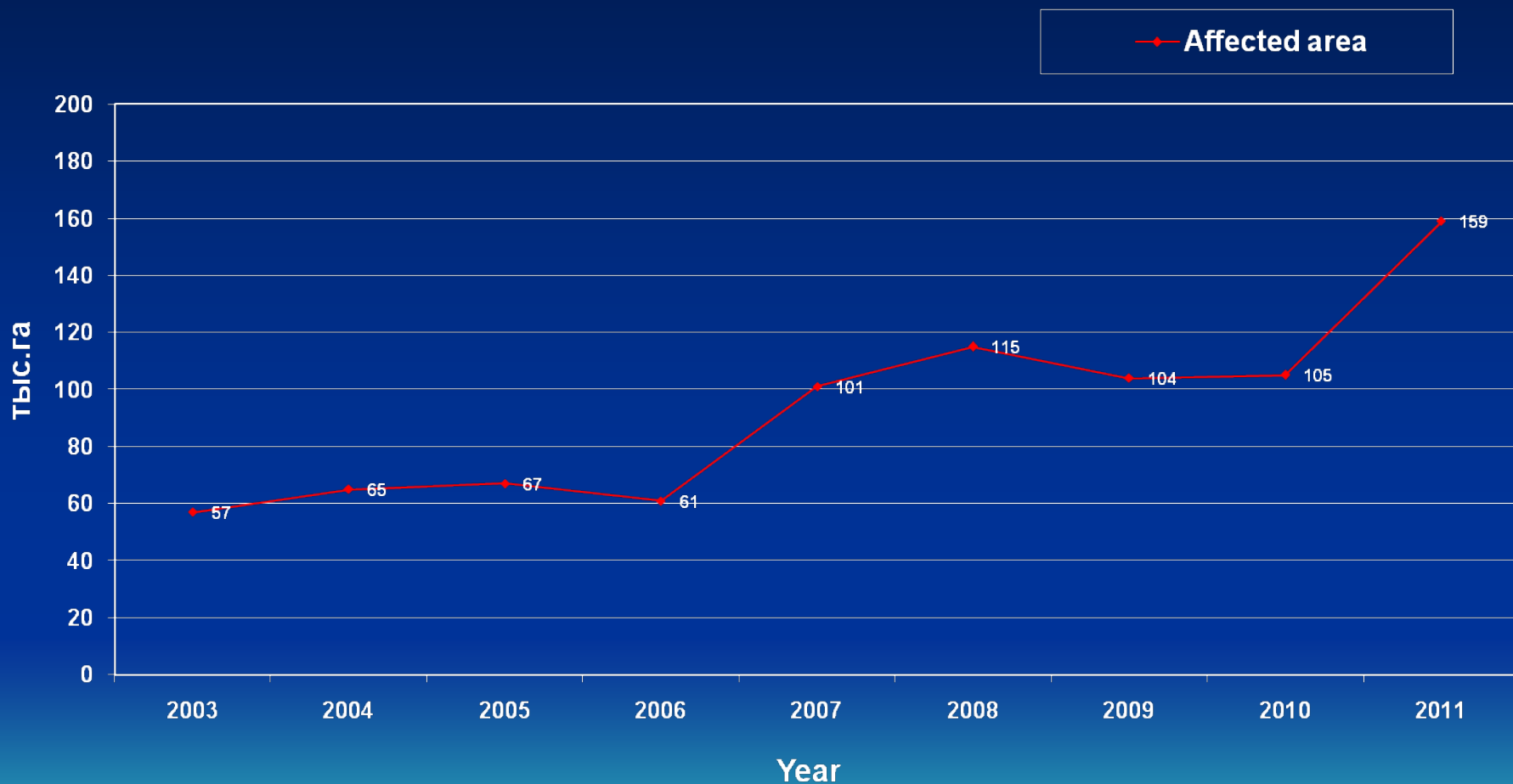
Structure of the State republican Unitary Enterprise “Combat Against Locusts”



Trainings on combating against locusts



The tendency of locust infestation in 2003 - 2011



Affected and surveyed area in the Republic of Tajikistan (1991 – 2011)

Year	Area Surveyed	Area Affected	Area Treated		
			Against Moroccan locust	Against Italian Locust	Total
1991	335 000	176360	26 200	14 000	40 200
2004	140700	60800	10570	4200	14773
2005	128200	67250	13000	2003	15003
2006	88740	61840	22870	2544	25414
2007	146225	100106	64094	12000	76094
2008	211493	115688	96930	10982	107712
2009	233479	104334	83940	9328	93268
2010	275000	105080	73550	8174	81724
2011	245500	158516	120015	17503	137518

Chemical treatments completed in 2011

Name	Area of survey, ha	Area Surveyed, ha	Area affected, ha	Area Treated, ha
Khatlon	68500	105000	84280	77900
Sughd	45000	91500	45156	39463
DRS	38000	48000	28880	20005
GBAO	1000	1000	200	150
Total	152500	245500	158516	137518

Migration of locust to the territory of the Republic of Tajikistan



15 11:11AM

Chemical treatment in manual mode



Химическая обработка тракторами МТЗ.



Эффективность химической обработки.



The length of the borders between the CA countries

Uzbek - Afghan	137 км
Uzbek - Kazakh	2203 км
Turkmen – Afghan	744 км
Turkmen - Iran	992 км
Tajik - Uzbek	913 км
Tajik - Kyrgyz	1332 км
Tajik - Afghan	1344 км
Tajik - Chinese	514 км
Kazakh - Kyrgyz	1051 км
Kazakh - Chinese	1533 км
Kazakh - Russian	7000 км

Основные зоны массового размножения
стадных саранчовых в приграничных
регионах стран Центральной Азии

Приложение 2



Outputs and objectives of the State Republican Unitary Enterprise “Combat Against Locust”

- Protect crops and pastures from damage by locusts, and particularly dangerous pests
- Providing continuous monitoring of the development and distribution of grasshoppers and particularly dangerous pests, as well as identification of contaminated areas
- Carrying out timely measures against destructive locusts and particularly dangerous pests (physical, mechanical, agricultural, chemical)
- Ensuring the protection of crops from the locusts, and particularly dangerous pests, reducing losses and saving the crop, cultivated farmer facilities and population
- Make a definite contribution to food security of our Republic

Thank you for attention

