

Russia's BW Delivery Systems During the Soviet Program (1973-1992)

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DELIVERY SYSTEM	METHOD OF DISSEMINATION
Spray-tanks attached to delivery vehicles, such as Ilyushin bombers [1]	Line source aerosol dissemination
Aerial cluster bombs carrying specialized bomblets delivered by bombers [2]	Point source aerosol dissemination
Single and multiple-warhead intercontinental ballistic missiles [3]	Point source aerosol dissemination
Cruise missiles containing BW canisters [4] (Unknown whether or not this system was operationalized)	Point source/multiple point source aerosol dissemination
Insect vectors for use in anti-agricultural biological warfare [5]	Live insect vectors

Sources:

- [1] Ken Alibek with Stephen Handelman, *Biohazard: The Chilling True Story of the Largest Covert Biological Weapons Program in the World—Told from Inside by the Man Who Ran It* (New York: Random House, Inc., 1999), p. 38; Ken Alibek and Jonathan B. Tucker, "Biological Weapons in the Former Soviet Union: An Interview with Dr. Kenneth Alibek," *Nonproliferation Review*, Spring-Summer 1999, <http://cns.miis.edu>.
- [3] Ken Alibek and Jonathan B. Tucker, "Biological Weapons in the Former Soviet Union: An Interview with Dr. Kenneth Alibek," *Nonproliferation Review*, Spring-Summer 1999, <http://cns.miis.edu>.
- [4] Ken Alibek and Jonathan B. Tucker, "Biological Weapons in the Former Soviet Union: An Interview with Dr. Kenneth Alibek," *Nonproliferation Review*, Spring-Summer 1999, <http://cns.miis.edu>.
- [5] Ken Alibek with Stephen Handelman, *Biohazard: The Chilling True Story of the Largest Covert Biological Weapons Program in the World—Told from Inside by the Man Who Ran It* (New York: Random House, Inc., 1999), pp 140-141.
- [6] James Martin Center for Nonproliferation Studies, "Agricultural Biowarfare: State Programs to Develop Offensive Capabilities," (Update March 6, 2009), <http://cns.miis.edu>.

Related content is available on the website for the Nuclear Threat Initiative, www.nti.org.



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