

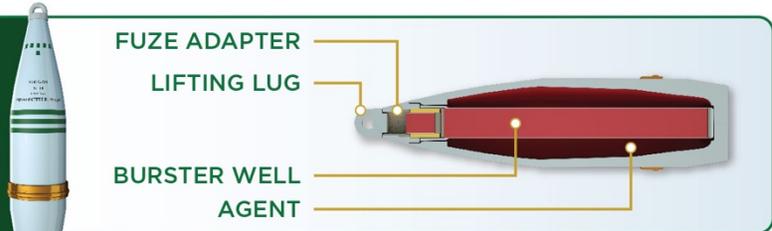


Chemical Munitions at Blue Grass

The [Blue Grass Chemical Agent-Destruction Pilot Plant \(BGCAPP\)](#) is safely destroying a chemical weapons stockpile stored at the [Blue Grass Army Depot](#), or BGAD. The depot, located near Richmond, Kentucky, provides conventional ammunition services, chemical defense equipment management and manufacturing capabilities for the Department of Defense. The [Blue Grass Chemical Activity](#), a tenant of the 15,000-acre depot, is responsible for safekeeping the chemical weapons stockpile stored at the depot. Together, the U.S. Army and the community surrounding BGAD are working in a committed partnership to support the safe destruction of the stockpile.

The Blue Grass chemical weapons stockpile was originally comprised of 523 U.S. tons of weaponized [blister](#) and [nerve](#) agent in M55 rockets, 155mm projectiles and 8-inch projectiles. Destruction operations began in June 2019 and are targeted to be completed in 2023.

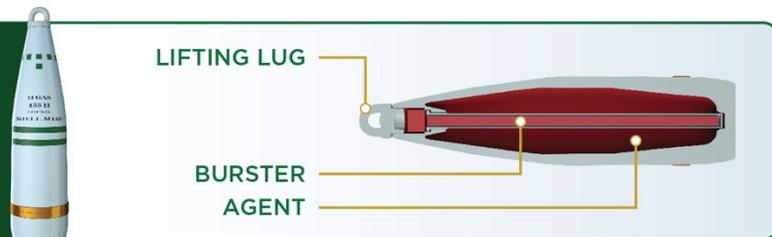
8-INCH PROJECTILES, M426 (GB)

LENGTH 35.1 in.	WEIGHT 203 lbs.	
DIAMETER 8 in.	AGENT GB NERVE	

Campaign Status: Complete | First munition destroyed: Jan. 17, 2020, Last munition destroyed: May 11, 2020

As of May 11, 2020, all 8-inch projectiles have been safely destroyed in Kentucky. Each 8-inch projectile weighed 203 pounds and was filled with approximately 14.5 pounds of liquified GB nerve agent. The agent was drained from the munitions and [neutralized](#). Metal parts were decontaminated and recycled in accordance with all environmental laws and regulations.

155MM PROJECTILES, M110 (H)

LENGTH 26.8 in.	WEIGHT 94.6 lbs.	
DIAMETER 6.1 in.	AGENT MUSTARD (H)	

Campaign Status: Complete | First munition destroyed: June 7, 2019, Last munition destroyed: Sept. 4, 2021

Blue Grass Chemical Stockpile Outreach Office
1000 Commercial Drive, Suite 2
Richmond, Kentucky 40475
(859) 626-8944 • bgoutreach@iem.com

Blue Grass Army Depot Public Affairs Office
(859) 779-6941

Blue Grass Chemical Activity
Public Affairs Office
(859) 779-6897





As of Sept. 4, 2021, all M110 155mm projectiles have been safely destroyed in Kentucky. The M110 155mm projectile was made of forged steel and filled with 11.7 pounds of blistering agent H, also known as mustard. In total, the munition, which contains a burster, weighed more than 94 pounds. BGCAPP destroyed 155mm projectiles filled with mustard agent using the [Static Detonation Chamber](#). Remaining metal parts were recycled after the munitions were destroyed.

155MM PROJECTILE, M121A1 (VX)

LENGTH 26.9 in.	WEIGHT 98.9 lbs.
DIAMETER 6.1 in.	AGENT VX NERVE

LIFTING LUG
BURSTER
AGENT

Campaign Status: Complete | First munition destroyed: Jan. 10, 2021, Last munition destroyed: May 28, 2021

As of May 28, 2021, all M121A1 155mm projectiles have been safely destroyed in Kentucky. The M121A1 155mm projectile was made of forged steel and filled with six pounds of VX nerve agent. In total, the munition weighed more than 98 pounds. BGCAPP destroyed these weapons using [neutralization](#). Metal parts were decontaminated and recycled in accordance with all environmental laws and regulations.

115MM CHEMICAL ROCKETS, M55 (GB or VX)

LENGTH 78 in.	WEIGHT 57 lbs.
DIAMETER 4.5 in.	AGENT GB or VX NERVE

FUZE **AGENT FILL** **ROCKET PROPELLANT**
BURSTER **IGNITER** **ROCKET MOTOR**

VX Campaign Status: Underway | First munition destroyed July 9, 2021

GB Campaign Status: Upcoming

The M55 115mm rocket consists of a chemical agent filled M56 warhead attached to a M67 rocket motor. It has a diameter of 115 millimeters (4.44 inches) and weighs a total of 77.5 pounds within the M441 shipping and firing tube container. The warhead is filled with 10 pounds of VX nerve agent or 10.7 pounds of GB nerve agent. BGCAPP is destroying these weapons using [neutralization](#). The drained rocket warheads and overpacked munitions will be destroyed in a [Static Detonation Chamber](#) unit.