

Table 6
Declared Iraqi Research on Chemical Munitions

Munitions Researched	Fill	Research
750-kg Aerial Bombs	None	Unknown test results
Al Noaman 250 kg Cluster Bomb	Unknown	1988-89 Successful field test
	Mustard (H), GB, GF	One-bomb storage tests for each agent
250-Gauge Aerial Bombs ^a	Riot Agent (CS)	1984 Successful test
	White Phosphorus (smoke)	1987-88 Unsuccessful test
	Mustard (H), GB, GF, Binary G	One-bomb storage tests for each agent
500-Gauge Aerial Bombs ^a	Riot Agent (CS)	1984 Successful test
	White Phosphorus (smoke)	1987-88 Unsuccessful test
	Mustard (H), GB, GF, Binary G	One-bomb storage tests for each agent
	VX	Three-bomb VX storage test
DB-2 Bomb	Mustard (H), GB, GB/GF	One-bomb storage tests for each agent
DB-0 Bomb	Mustard (H)	One-bomb mustard storage test
R-400 Bomb	GB/GF	One bomb to test purity of mixing of binary components
Spray Tank/Drop Tank	Unknown	CW potential investigated in 1988, abandoned August 1988
120-mm Mortar Shells	Mustard (H), GA, GB	Agent storage tests
122-mm Rockets	Mustard (H), VX	One-rocket agent storage tests
	Binary GB	Five rockets tested
130-mm Shells	GA	1982-83
	Phosgene	1983 Unsuccessful test
155-mm Shells	Mustard (H), GA, GB	Agent storage tests
	Binary GB	1988 mixing tests and successful field tests
152-mm Binary Chemical Projectile	Mustard (H)	1988 unsuccessful field test
	GB	1988 successful field test
FROG ^b Warhead	Unknown	Engineering drawings were initiated without further development
Al Husayn Missile Warhead	Degraded GB	April 1990 flight test
Gas Canisters	Adamsite	1988 unsuccessful test

^aThe types of bombs investigated included the Al QaQa, Al Muthanna, Nassar/Modified Nassar, and Spanish BR-250 and BR-500.

^bFree Rocket Over Ground, an 80-km-range unguided rocket.