This section summarizes backflow prevention requirements when chemicals are applied through Florida irrigation systems. The sources of information are the Chapter 487 of the Florida Statutes and previously Amended Administrative Rule 5E-2.030.

Equipment requirements vary depending upon the types of chemicals injected. The two general types of chemicals are (1) pesticides and (2) chemicals other than pesticides. Also, pesticides are classified as either Chemical Toxicity Category-I (CTC-I) pesticide products or general use pesticides.

**Required Equipment**
- Check Valve
- Low Pressure Drain
- Vacuum Breaker
- Injection Line Check Valve
- Chemical Supply Shut-off Valve
- Interlocked Injector

**Backflow Prevention (non-toxic chemicals)**

**Installation of a Low Pressure Drain**
1. 2 Check Valves
2. 2 Low Pressure Drains
3. 2 Vacuum Breakers
4. Injection Line Check Valve
5. Chemical Supply Shut-off Valve
6. Interlocked Injector
7. Pressure Switch
8. Appropriate Signage

Required Equipment
(toxic chemicals)

Backflow Prevention
(toxic chemicals)