CHAPTER 15: PESTICIDE RESIDUE AND TOLERANCE

- **Deposit** = pesticide on surface at application
- **Residue** = pesticide remaining on surface after application
- **Tolerance** = maximum amount of residue safely left on a crop (determined by Federal law)

Registration and Use of pesticides is strictly controlled in the USA
(Food Quality Protection Act, EPA, FDA, USDA)
To determine that a pesticide can be used with “reasonable certainty of no harm” the EPA considers:

- toxicity and breakdown products
- how much applied and how often
- how much remains in or on at market

To ensure tolerance are met by users of a pesticide, labels include:

- Preharvest Interval (PHI)
- Preslaughter Interval
- Freshening interval (dairy)
- Grazing restrictions