

Remember this image from the PSA Grower Training course 

• Generic E. coli is a type of fecal coliform

• Fecal coliform is a type of total coliform

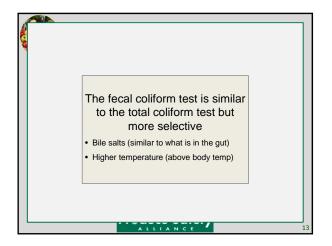
ALLIANCE

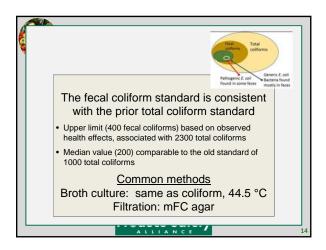


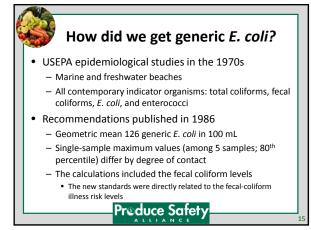
Governing Concepts Emerged

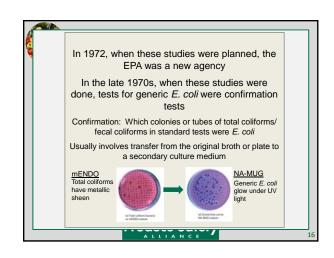
Needs to be achievable
Should not appreciably increase
observed illness rates
Consistent with other standards
(by common sense)



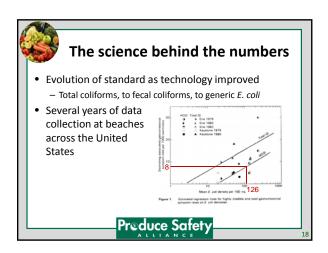


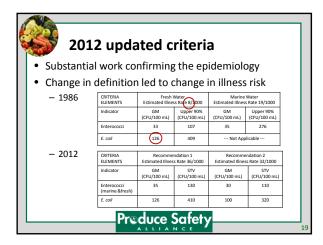


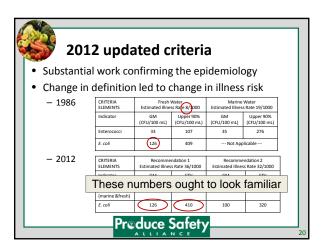


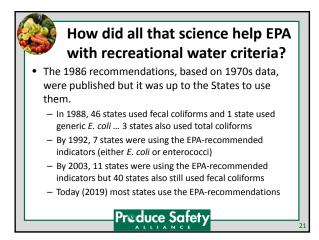


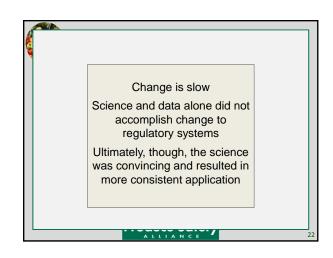
Common methods
In the 1980s a new agar called mTEC was developed for easier detection (Method 1103)
In the 2000s, an easier-to-use version called modified mTEC (Method 1603) was released
Another 2000s medium, MI, was developed primarily for drinking water tests

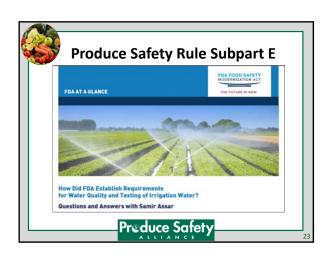


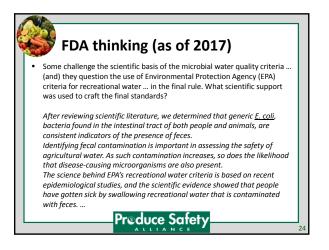


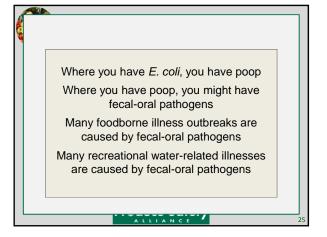


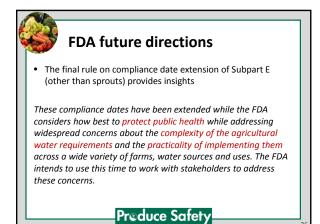




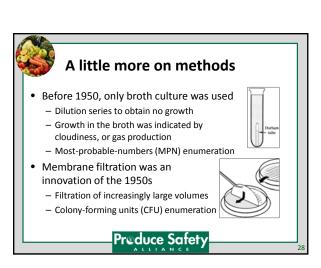


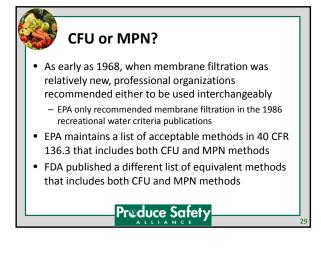




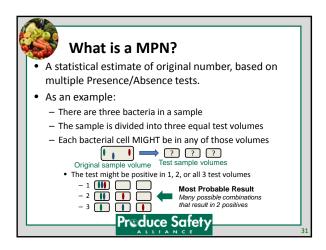


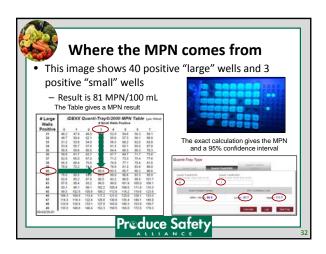


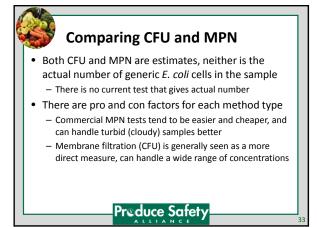


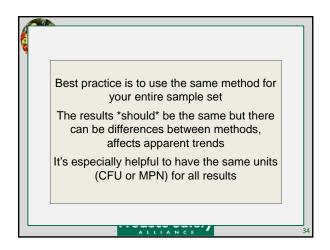


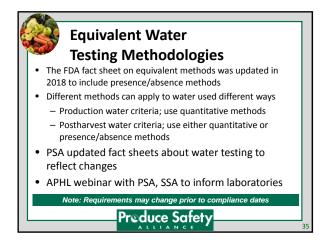


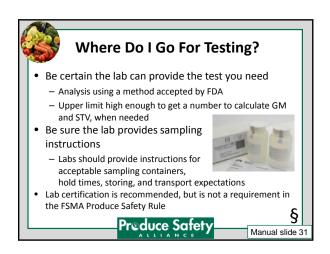


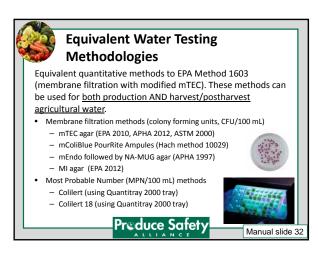


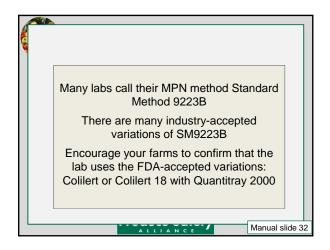












Other variations of SM 9223B that may be acceptable in other settings
None of these is on the FDA list
Colisure using Quantitray 2000
Colilert 18 using Quantitray 200
Colilert using Quantitray 200

Manual slide 32

