



## **Protected Culture Tomato Breeding Goals**



- •Foliar disease resistancetomato mosaic virus, leaf mold, powdery mildew
- Yield
- •Blossom end rot resistance
- Vigor
- Open plant habit, easy to maintain "low labor"
- Shelf life
- Flavor

Tomato rootstock breeding goals- high vigor, resistance to soilborne pathogens: fusarium, f. crown and root rot, corky root, nematodes, verticillium



## **Protected Culture Cucumber Breeding Goals**



**Protected Culture Pepper Breeding Goals-**



- •Disease resistance- tomato mosaic virus
- Yield
- Good leaf cover
- Blossom end rot tolerance
- •Level of vigor for greenhouse vs. hoophouse
- Plant habit- vining
- Shelf life
- •Flavor- not as varied as tomatoes

## Protected Culture Lettuce Breeding Goals



- •Disease resistance- downy mildew
- •Plant habit for use as head vs. salad mix
- •Tip burn resistance
- Bolting resistance
- Early maturity
- Dense/compact(i.e. yield)
- •Flavor
- Good color under low light conditions







