



**INTERPERA** International  
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# 1-MCP – Best Practices

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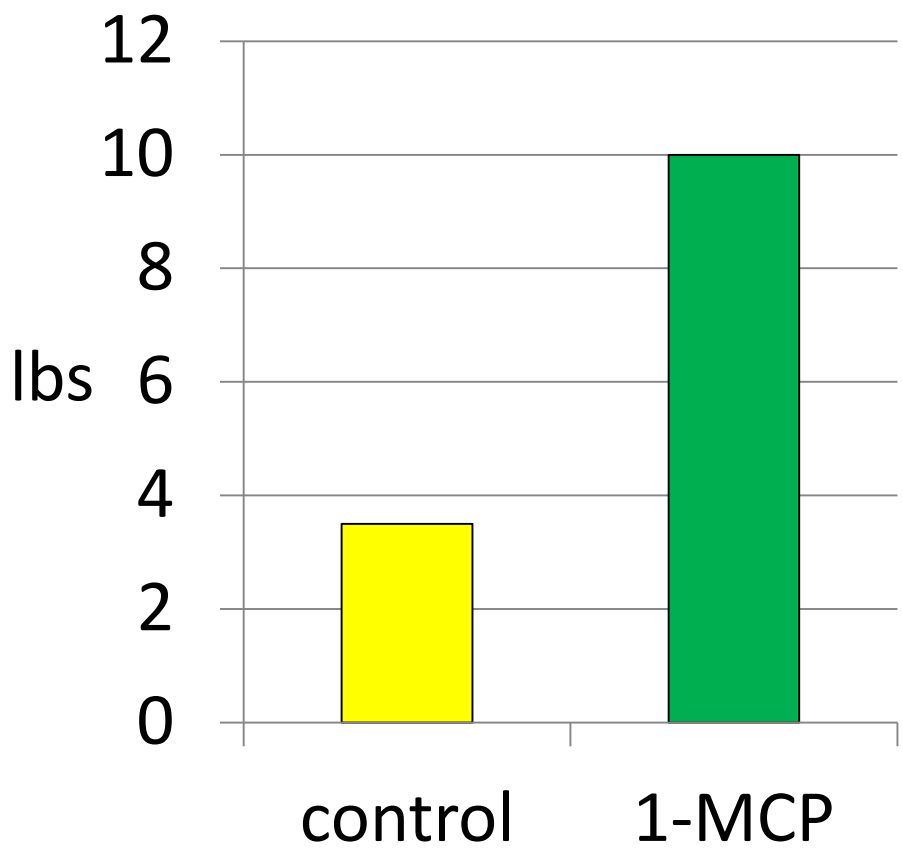
USDA, ARS Wenatchee, WA



# 'Bartlett' 4 months + 7 days



# 'Bartlett' firmness: 4 months



# Factors Influencing Pear Fruit Response to 1-MCP

- 1-MCP treatment concentration
- treatment duration
- treatment temperature
- fruit maturity/season/region/variety
- treatment delay after harvest
- [ethylene] during treatment
- storage temperature
- storage atmosphere
- storage duration
- post-storage temperature
- post-storage duration



# Best Practices

- Delay but allow predictable ripening
- Manage ripening-related disorders
- Maintain or enhance consumer response
- Consistent with commercial operations