How to secure loads

These examples, from the California Highway Patrol, show how to protect against shifting and falling cargo for hauling bins of produce, whether in multiple bins or boxes or bins that have been unitized or secured as one unit of cargo. Ag haulers of perishable products must retrofit trucks to meet these standards by next harvest season unless the temporary exemption is extended past Dec. 1.

Example 1: Multiple Articles
1. 4x4-foot bins loaded with apples
2. 48 bins at 500 lbs. each
3. 4,000 lbs. per row, 24,000 lbs. total
Two straps first row (first 10 feet)
One strap each row thereafter
Each strap rated with a working load limit of 2,000 lbs.

Example 2: Unitized
1. 4x4-foot bins loaded with apples
2. 48 bins unitized to a single article
3. Cargo is 24 feet long
Two straps first row (first 10 feet)
One strap each 10 linear feet
Total working load limit of straps must equal at least 12,000 lbs.

(Title 49, Code of Federal Regulations, Part 393, Sub-Part I, Protection Against Shifting and Falling Cargo)