

APPENDIX 20 WEIGHT CHART (PLATE 25-4)

GREEN AND BONUS OVERLOADS*

MAXIMUM PERMIT WEIGHT ON TANDEM AXLES = 52,000 POUNDS

Example: 8' - 0" Distance Between First and Last Axle in Feet

| |
|--------|
| 43,680 |
| 50,232 |
| 54,600 |

4 tires, 8' - 0" Wide
8 tires, 8' - 0" Wide
8 tires, 10' - 0" Wide

Green Load = 1.3 x 700 (L + 40)
Green Load (+ 15%) = 1.15 x 1.3 x 700 (L + 40)
Green Load (+ 25%) = 1.25 x 1.3 x 700 (L + 40)

| IN. FT. | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 |
| 3 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 24,000 | 39,585 | 39,661 | 39,737 | 39,813 | 39,888 | 39,964 |
| 4 | 40,040 | 40,116 | 40,192 | 40,268 | 40,343 | 40,419 | 40,495 | 40,571 | 40,647 | 40,723 | 40,798 | 40,874 |
| 5 | 40,950 | 41,026 | 41,102 | 41,178 | 41,253 | 41,329 | 41,405 | 41,481 | 41,557 | 41,633 | 41,708 | 41,784 |
| 6 | 41,860 | 41,936 | 42,012 | 42,088 | 42,163 | 42,239 | 42,315 | 42,391 | 42,467 | 42,543 | 42,618 | 42,694 |
| 7 | 42,770 | 42,846 | 42,922 | 42,998 | 43,073 | 43,149 | 43,225 | 43,301 | 43,377 | 43,453 | 43,528 | 43,604 |
| 8 | 43,680 | 43,756 | 43,832 | 43,908 | 43,983 | 44,059 | 44,135 | 44,211 | 44,287 | 44,363 | 44,438 | 44,514 |
| 9 | 44,590 | 44,666 | 44,742 | 44,818 | 44,893 | 44,969 | 45,045 | 45,121 | 45,197 | 45,273 | 45,348 | 45,424 |
| 10 | 45,500 | 45,576 | 45,652 | 45,728 | 45,803 | 45,879 | 45,955 | 46,031 | 46,107 | 46,183 | 46,258 | 46,334 |
| 11 | 46,410 | 46,486 | 46,562 | 46,638 | 46,713 | 46,789 | 46,865 | 46,941 | 47,017 | 47,093 | 47,168 | 47,244 |
| 12 | 47,320 | 47,396 | 47,472 | 47,548 | 47,623 | 47,699 | 47,775 | 47,851 | 47,927 | 48,003 | 48,078 | 48,154 |
| 13 | 48,230 | 48,306 | 48,382 | 48,458 | 48,533 | 48,609 | 48,685 | 48,761 | 48,837 | 48,913 | 48,988 | 49,064 |
| 14 | 49,140 | 49,216 | 49,292 | 49,368 | 49,443 | 49,519 | 49,595 | 49,671 | 49,747 | 49,823 | 49,898 | 49,974 |
| 15 | 50,050 | 50,126 | 50,202 | 50,278 | 50,353 | 50,429 | 50,505 | 50,581 | 50,657 | 50,733 | 50,808 | 50,884 |
| 16 | 50,960 | 51,036 | 51,112 | 51,188 | 51,263 | 51,339 | 51,415 | 51,491 | 51,567 | 51,643 | 51,718 | 51,794 |
| 17 | 51,870 | 51,946 | 52,022 | 52,098 | 52,173 | 52,249 | 52,325 | 52,401 | 52,477 | 52,553 | 52,628 | 52,704 |
| 18 | 52,780 | 52,856 | 52,932 | 53,008 | 53,083 | 53,159 | 53,235 | 53,311 | 53,387 | 53,463 | 53,538 | 53,614 |

* A set of tandem axles with spacing between axles of less than 3' - 6" is considered as a single axle.