

Designed by Carter-Day to meet specifications of the U.S. Department of Agriculture and Canadian Grain Standards Commission, the Carter-Day Dockage Tester provides accurate and uniform tests of grain samples for dockage. It is the official testing machine used in grain inspection offices of the U.S. Department of Agriculture and Canadian Grain Standards Commission and by licensed inspectors, including State and Provincial grain inspection offices.

Official procedures have been established for testing wheat, corn, barley, rye, flaxseed, rice, and grain sorghums. Instructions on the proper riddles and sieves to use, along with other procedures for testing these grains, are furnished with the Tester.

| RIDDLE and SIEVE REQUIREMENTS FOR REMOVING | | | | |
|--|--------|-----------|--------------|--------------|
| GRAIN TYPE | RIDDLE | TOP SIEVE | MIDDLE SIEVE | BOTTOM SIEVE |
| Hard Red Spring and Red Durum Wheats | #2 | #2 | #2 | #2 |
| White Winter Wheat (Small to Medium Size) | #2 | #2 | #2 | #2 |
| Hard Red Winter | #2 | #2 | #2 | #2 |
| Soft Red Winter | #2 | #2 | #2 | #2 |
| Large White Winter Wheat | #2 | #2 | #2 | #2 |
| Rye and White Durum | #2 | #2 | #2 | #2 |
| Corn | — | — | — | — |
| Barley | #6 | #6 | #6 | — |
| Flax | 000 | 000 | #2 | #7 |
| Grain Sorghums | — | #6 | — | #1 |

Where current modified U.S.D.A standards are required, information will be furnished on sieves or riddles required.



DOCKAGE TESTER



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The Carter-Day Dockage Tester was designed to provide more consistent results than hand testing. The machine can use one riddle and three sieves simultaneously and also aspirates at the same time; it's quiet and vibration free.

The Dockage Tester is furnished complete with a 1/3 H.P. electric motor. When ordering, please specify whether your testing room has alternating or direct current along with the phase, cycle, and voltage.

NEW SOUND
REDUCTION PACKAGE



EQUIPMENT FOR GRADING OF ROUGH RICE

Ref. U.S.D.A., Federal Grain Inspection Service Manual

Notes: U.S.D.A.-F.G.I.S. disregards Variety and uses the Length-to-Width Ratio to determine dockage tests. Dockage consists of all material removed by the Standardized Carter-Day Dockage Tester Air Setting; Plus, all material (except rice) over top sieve; Plus, all material (except rice) over the middle sieve; Plus all material through bottom sieve. The No. 3 sieve may be used in the Top Sieve Carriage to facilitate removal of paddy kernels with stems remaining on them in samples of Western Production.

**If dockage remains in sample, composite all material except dockage and return.*

| | Long Grain | Medium Grain | | Short Grain | |
|----------------|-------------------|----------------|---------|-------------------|---------|
| L to W Ratio: | 3.4 to 1, or more | Southern | Western | Southern | Western |
| Production: | All | 2.3 - 3.3 to 1 | | 2.2 to 1, or less | |
| Top Sieve: | 28 | 28 | 31 | 31 | 31 |
| Middle Sieve:* | 25 | 25 | — | 26 | - |
| Bottom Sieve: | 22 | 4 | 27 | 4 | 21 |

NEW STANDS
FEET/ROLLERS



WARRANTY

All parts of our manufacture are guaranteed against defective materials and workmanship for a period of 2 years from date of shipment.