

## Approximate Measurements.

A cord of stone will make about 100 cu. ft. of wall. 3 bu. of lime and 1 cu. yd. of sand will lay a cord of stone.

A bushel stricken measure contains about  $1\frac{1}{2}$  cu. ft. The bulk of the bushel heaped measure is  $\frac{1}{2}$  greater than that of the stricken measure.

A gallon contains about  $\frac{1}{8}$  of a cubic foot. Six quarts dry measure are equal to nearly 7 quarts liquid measure. A barrel of  $31\frac{1}{2}$  gal. contains about  $4\frac{1}{2}$  cu. ft. A ton of hay occupies from 450 to 550 cu. ft. A ton of coal occupies from 34 to 36 cu. ft.

## Weight of a Bushel in Pounds Avoirdupois.

|                   |        |                    |        |
|-------------------|--------|--------------------|--------|
| Wheat .....       | 60 lb. | Blue-grass Seed .. | 14 lb. |
| Indian Corn ..... | 56 "   | Lime .....         | 80 "   |
| Rye .....         | 56 "   | Castor Beans ..    | 40 "   |
| Pease .....       | 60 "   | Potatoes .....     | 60 "   |
| Barley .....      | 48 "   | Turnips .....      | 60 "   |
| Malt. ....        | 36 "   | Carrots .....      | 60 "   |
| Oats .....        | 34 "   | Parsnips .....     | 60 "   |
| Beans .....       | 60 "   | Beets .....        | 60 "   |
| Flax Seed .....   | 56 "   | Onions .....       | 50 "   |
| Hemp .....        | 44 "   | Clover .....       | 60 "   |
| Buckwheat .....   | 48 "   | Timothy .....      | 60 "   |

## A Table of Specific Gravities.

|                                      |         |                                 |       |
|--------------------------------------|---------|---------------------------------|-------|
| Air . . . . .                        | .001292 | Ice . . . . .                   | .93   |
| Alcohol (pure) . . . . .             | .80     | Iron (cast, average) . . . . .  | 7.21  |
| Butter . . . . .                     | .94     | Lead . . . . .                  | 11.35 |
| Bone . . . . .                       | 1.66    | Limestone (average) . . . . .   | 2.70  |
| Brass (average) . . . . .            | 8.38    | Lime . . . . .                  | .804  |
| Brick (average) . . . . .            | 2.00    | Milk . . . . .                  | 1.03  |
| Clay . . . . .                       | 2.16    | Salt . . . . .                  | 2.13  |
| Coal (anthracite, average) . . . . . | 1.56    | Sand (average) . . . . .        | 1.65  |
| " (bituminous, average) . . . . .    | 1.18    | Sea-water . . . . .             | 1.02  |
| Copper (average) . . . . .           | 8.75    | Silver . . . . .                | 10.5  |
| Cork . . . . .                       | .24     | Steel . . . . .                 | 7.81  |
| Glass (average) . . . . .            | 2.76    | Wood — Pine (average) . . . . . | .49   |
| Gold . . . . .                       | 19.30   | Oak . . . . .                   | .85   |
| Human body (alive) . . . . .         | .89     | Lignum vitae . . . . .          | 1.34  |