

## LEGAL WEIGHTS AND MEASURES IN CANADA.

In Canada the law provides, with respect to weights, that the unit shall be the standard pound (avoirdupois) of 7,000 grains, one-sixteenth part of the standard pound shall be an ounce (437½ grains), one hundred pounds a cental, and two thousand pounds a ton, and that four hundred and eighty grains shall be an ounce troy.

As regards measures—That the unit or standard measure of capacity, as well for liquids as for dry measures, shall be the gallon, containing ten standard pounds weight of distilled water, weighed with the water and air at a temperature of sixty-two degrees Fahrenheit, with the barometer at thirty inches, that the quart shall be one-fourth part of the gallon, and the pint one-eighth part of the gallon, and that eight gallons shall be a bushel.

This gallon, commonly known as the "Imperial gallon," contains 277.274 cubic inches.

The standard measure of length is the yard, one-third part of which it is provided shall be a foot, and the twelfth part of such foot shall be an inch.

### IMPERIAL MEASURE.

Special note should be made of the fact that certain standards of weights and measures used in some of the states of the United States are not legal (though frequently used), in Canada. These standards are not so large, being about 20 per cent. smaller in capacity than the legal standards in Canada, i.e., the Imperial pint, quart and gallon.

The following tables shew the legal weight in Canada of certain commodities by the Barrel, Bushel, Bag, etc.:-

### COMMODITIES BY THE BARREL.

Every barrel, half barrel, bag, sack or package must have marked thereon the name of the packer and the brand and the weight of the contents, and in the case of feed, the composition thereof.

	Net Weight in Dominion Standard pounds.	
	Barrel.	Half-barl.
Flour.....	196	98
Meal.....	196	98
Rolled oats.....	180	90
Rolled wheat.....	100	50

### APPLES.

Barrels used for packing apples must be 26½ inches between the heads inside measure, 17 inches in diameter at head, and have a middle diameter of 18½ inches, containing as nearly as possible 96 quarts. Boxes used for packing apples must be not less than 10 inches deep, 11 inches in width and 20 inches long, representing as nearly as possible 2,200 cubic inches. Every such package (barrel or box), must be marked with the name of the person or corporation doing the packing, the name of the variety and the grade, viz.:- Fancy, No. 1, No. 2, No. 3.

The weight of a barrel of apples varies considerably according to the variety. The standard weight as accepted by the railway companies is 165 pounds. The average would probably be about 155 pounds. This includes weight of the barrel, which is about 15 pounds.

### VEGETABLES AND OTHER ARTICLES.

Unless a bushel by measure is specially agreed upon, it must weigh the number of pounds set opposite each article.

Bushels.	Weight in Dominion Standard pounds.
Artichokes.....	56 lbs.
Barley.....	48 "
Beans.....	60 "
Beets.....	50 "
Buckwheat.....	48 "
Bituminous coal.....	70 "
Blue grass seed.....	14 "
Carrots.....	50 "
Castor beans.....	40 "
Clover seed.....	60 "
Hemp seed.....	41 "
Indian corn.....	56 "
Lime.....	70 "
Malt.....	36 "
Oats.....	34 "
Onions.....	50 "
Parsnips.....	45 "
Peas.....	60 "
Potatoes.....	60 "
Rye.....	56 "
Timothy seed.....	48 "
Turnips.....	50 "
Wheat.....	60 "

### COMMODITIES BY THE BAG.

A bag of any of the articles mentioned, must weigh the number of pounds set opposite the name of such article.

Bags.	Weight in Dominion Standard pounds.
Artichokes.....	84 lbs.
Beets.....	75 "
Carrots.....	75 "
Onions.....	75 "
Parsnips.....	65 "
Potatoes.....	90 "
Turnips.....	75 "

### POTATOES IN BARRELS, 165 LBS.

A barrel of potatoes shall mean, unless a barrel of specified size, kind or content by measure is agreed upon, 165 Dominion Standard pounds of potatoes.

### EGGS.

When eggs are described as sold by the standard dozen, the dozen shall mean one pound and a half.

## TABLES OF WEIGHTS AND MEASURES.

### AVOIRDUPOIS WEIGHT.

16 drams.....	= 1 ounce
16 ounces.....	= 1 pound
7,000 grains.....	= 1 "
14 pounds.....	= 1 stone
100 ".....	= 1 hundred weight or cental
20 hundredweight.....	= 1 ton

### DRY MEASURE.

2 pints.....	= 1 quart
4 quarts.....	= 1 gallon
2 gallons.....	= 1 peck
4 pecks.....	= 1 bushel