#### Timber Measurement in Scotland

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#### James Jones and Sons Limited — our history

Established over 170 years ago – incorporated in 1905.

Family owned and operated

Varied range of activities over the years including:

- Forestry
- Harvesting
- Nail production
- Ship building
- Telegraph and transmission poles
- Iron foundry
- Forestry engineering and equipment

We currently employ over 600 people in the UK, based at 11 strategically located sites



#### **James Jones and Sons Limited - today**

In the UK, the group has interests in:

- forestry
- harvesting
- sawmilling
- pallet manufacture and repair
- engineered timber
- agricultural boxes
- renewable energy

In North America we created a joint venture company, Stella-Jones Inc, in 1994, producing railway sleepers, utility poles and residential lumber. The company is now North America's largest wood treatment operator with annual sales in excess of \$1.2 Billion.

## A Quick Comparison



#### Idaho

Land Area
Forested Area
Population

83,642 sq. miles 34,283 sq. miles (41%)

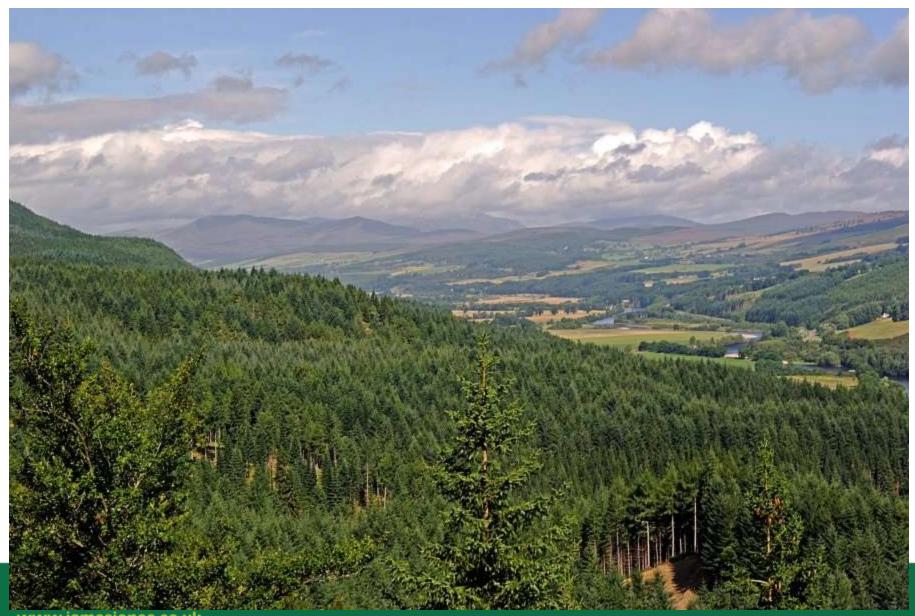
1,630,000

#### **Scotland**

Land Area Forested Area Population 30,265 sq. miles 5,347 sq. miles (17%)

5,300,000





www.jamesjones.co.uk

#### A Bit of History

• 1980's

Sawmill Consumption 50,000m³

Average Felling Coupe 2000m³

Today

Sawmill Consumption 360,000m³

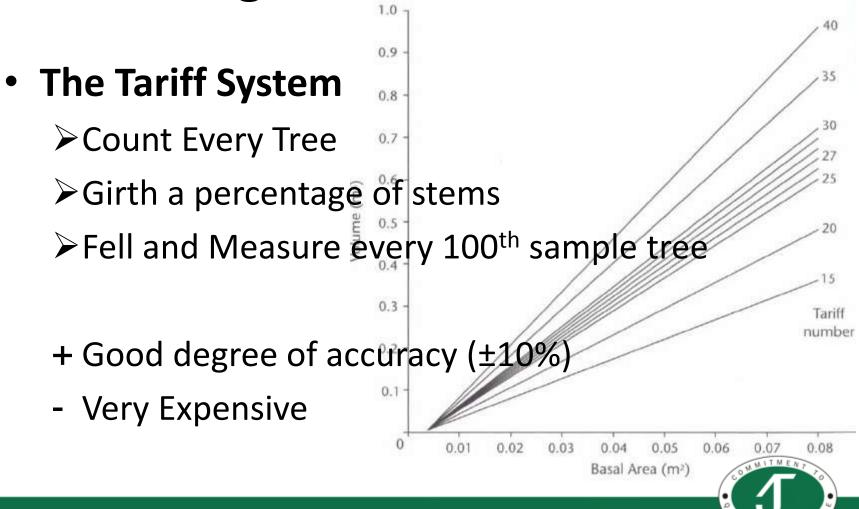
Average Felling Coupe 15000m³



- Lump Sum Purchase
- ThroughandeThrough
- · Pring pring pring pay

- Benefits the grower guaranteed income
- Risk is with the buyer





- The Abbreviated Tariff Sample Plotting
  - Estimate Number of Trees
  - ➤ Girth a lower percentage of trees
  - ➤ Measure standing tree height to calculate volume
  - ➤ Obtain a "Stocked Area"

- Much cheaper
- Not so accurate (±20%)



- Through and Through Price
  - One price for all grades of timber
    - ➤ Average tree size
    - ➤ Calculate the assortment of the crop
  - Benefits the grower as buyer has to get the best breakout to maximise profitability of the site.



- Price per Category
  - No requirement to measure
  - Good for the buyer
  - Does the seller always get the best value?







#### **Log Products**

New Log product

Green Logs 3.7	3.7	160.0	70	00.0 7	.0 mm/m	More D	etails Co		Delete
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									9
Log Product	7.0	0+ 8	30.0+	140.0+	160.0+	350.0+	400.0+	700.0+	9
Green Log 4.9 160 (7mm swee	ep)					100.0			5
Green Logs 3.7	4-					500.0			1
PALLET (2.5)				25	250.0		7.		<u> </u>
Bars (1.9m)				15	0.0	150.0			
Pulp					10	00.0	/2		9
Chip					10	00.0			e e
<u>Unclassified</u>		50.0							
Pallet (3.1)				25	0.0				
Green Logs 2.5				25	0.0				9
				g.	210				
							etails Co	opy Edit	Delete

