

## Daaquam Lumber / Masardis Division Quality Specifications June 2020 Spruce & Fir Tree length

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<b>Minimum top diameter:</b>	4 inches (inside the bark)
<b>Minimum butt diameter:</b>	6 inches (inside the bark), this is in order to respect the above.
<b>Length:</b>	Tree length must produce at least 16 foot 4 inches logs with 4 inches at the top end.
<b>Scale:</b>	Weight per ton
<b>Limb:</b>	All branches have to be removed and cut flush to the stem.
<b>Fork:</b>	Spikes, forks, dog legs and crooks have to be removed from the stem.
<b>Defects:</b>	<p>Stem of 10 inches in diameter and more are accepted only if they have 66 % (2/3) and more of sound wood. Any stem containing less than 66% (2/3) of sound wood will be culled and will have to be removed from the pile to be reworked in accordance with the specifications.</p> <p>Stems of 6 to 9 inches in diameter must be 100% white and sound.</p>
<b>Defect description:</b>	<p>For acceptable stems, proper deduction or rejects will be made if containing any of the following defects:</p> <ul style="list-style-type: none"><li>• Heart rot and red rot</li><li>• Worm and ant holes.</li><li>• Excessive sweep less than 8 feet from the butt or top is unacceptable.</li><li>• Sheared wood.</li><li>• Splits and Dry wood.</li></ul>
<b>* Knots:</b>	Stem containing normal knots will be accepted without deduction. But for those containing excessive knots in size and number (such as but not limited to pasture wood) will be completely rejected at the scalers discretion.
<b>Cross ties, stems too long, semi tree length:</b>	Cross ties must be made from 8'4" logs, 10" in diameter maximum. If needed, butt logs from too long stems have to be cut at 16'4". No semi tree length is accepted.
<b>Sorting:</b>	Species have to be sorted (Spruce and fir). Norway spruce is accepted.

Masardis, June 2020

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**Seller**

## Daaquam Lumber / Masardis Division Quality Specifications 2020 Spruce & Fir Logs CTL

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- Minimum diameter:** 16' and 14 foot logs at 6 inches top end (inside bark). Separated on the truck.  
12 foot logs at 5 inches top end (inside bark). Other lengths at 4 inch tops (inside the bark).  
Separated on the truck.
- Length:** **In priority:** 16'4", 12'4", 9'4"  
Other lengths: 14'4", 10'4", 8'4"  
16 and 14 foot logs must be separated from 12 foot and shorter logs.
- Scale:** Weight per ton
- Limb & Forks:** All branches have to be removed and cut flush to the log. Spikes and forks have to be removed from the log.
- Butts:** All butts must be squared up perpendicular to the length of the stem and free of hinge breakouts or excessively deep falling scarfs. No excessive butt flares.
- Defects:** Logs of 10 inches in diameter and more are accepted only if they have 66% (2/3) and more of sound wood. Any stem containing less than 66% (2/3) of sound wood will be culled and will have to be removed from the pile to be reworked in accordance with the specifications.  
Log of 6 to 9 inches in diameter must be 100% white and sound.
- Defect description:** For those acceptable logs, proper deduction or reject will be made if containing any of the following defects.
- Heart rot and red rot
  - Worm hole
  - Dry wood and splits
  - Knots \*
  - Ant holes
  - Forks (have to be eliminated before and after the fork)
  - Dog legs
  - Crooks
  - Sweep (max. 2 inches for 16 feet log)
- \* Knots:** Stem containing normal knots will be accepted without deduction. But for those containing excessive knots in size and number (such as but not limited to pasture wood) will be completely rejected at the scalers discretion.
- Sorting:** Species have to be sorted (Spruce and fir). Norway spruce is accepted.  
16 and 14 foot logs must be hauled separately.

Masardis, June 2020