

Christmas Tree Promotion Board Annual Seedling and Transplant Supplier Survey

In 2021 the Christmas Tree Promotion Board (CTPB) surveyed major seedling and transplant growers/suppliers to collect data that would provide a picture of the size and direction of Christmas tree production across the United States. This voluntary survey asked the supplier, to the best of their knowledge, to list the number of seedlings and transplants sold, or planted on their own operation, that were intended for use as Christmas trees. This data provides an estimate of the number of Christmas trees being planted in the field each year, and potentially harvested in the years to come. Plant listings were broken down into categories by species, and into seedlings and transplants. Seedlings are described as a 1-0, 2-0 or 3-0. Transplants are commonly designated as 2-1, 2-2 or as plug-1 or plug-2. There are many factors to consider when reviewing this data on the number of seedlings and transplants sold for intended use as Christmas trees. Post-planting seedling mortality rates vary greatly between species, growing regions, and years due to climatic conditions. The age of seedling or transplant that is planted in the field varies by species. While we received many responses, there were some suppliers who chose not to participate. We added a line item for estimated seedling and transplant production from survey nonresponses. Please take these factors into consideration when analyzing this information. This will be an annual survey with the goal to develop an accurate picture over time.

FIRS:	Transplants	Seedlings
Fraser Fir	8,029,735	6,512,400
Balsam Fir	1,141,660	618,300
Canaan Fir	1,055,705	1,306,200
Concolor Fir	243,618	289,175
Korean Fir	210,380	180,500
Douglas Fir	2,177,805	506,600
Nordmann Fir	1,047,465	298,000
Noble Fir	5,696,980	2,592,400
Grand Fir	475,695	70,900
Turkish Fir	332,010	219,150
Other Fir¹	153,004	16,500
PINES:	Transplants and Seedlings²	
Scotch Pine	572,053	
Red Pine	139,100	
Austrian Pine	60,000	
Virginia Pine	198,355	
White Pine	835,310	
SPRUCE:	Transplants	Seedlings
Colorado Blue Spruce	301,680	457,530
White Spruce	105,705	163,250
Norway Spruce	390,025	744,175
Black Hills Spruce	183,785	70,100
Other Spruce³	8,705	90,000
Leyland Cypress⁴		
Other Cypress⁴		
Estimate of Unreported Seedlings and Transplants (Species not specified)⁵	3,100,000	
Total Seedlings and Transplants	40,593,955	

¹Fralsam, Cork Bark, Momi, Korean X Balsam

²Number of seedlings and transplants combined to avoid disclosure of data for individual operations

³Serbian, Meyer, Engelman

⁴Withheld to avoid disclosure of data for individual operations

⁵Estimate of seedling and transplant production based on survey nonresponses. Estimate derived from industry sources.