

Christmas Tree Promotion Board Annual Seedling and Transplant Supplier Survey

In 2022 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.

	Transplants	Seedlings
Fraser Fir	7,627,467	6,728,000
Balsam Fir	1,298,241	651,500
Canaan Fir	1,387,987	1,232,000
Concolor Fir	251,743	356,000
Korean Fir	195,040	188,000
Douglas Fir	2,314,300	979,400
Nordmann Fir	1,084,065	494,000
Noble Fir	4,496,356	666,400
Grand Fir	415,395	143,900
Turkish Fir	393,010	276,950
Other Fir¹	232,504	249,000
	Transplants and Seedlings	
Scotch Pine		707,140
Red Pine		242,375
Austrian Pine		66,850
Virginia Pine		203,900
White Pine		850,509
Other Pine³		
	Transplants	Seedlings
Colorado Blue Spruce	320,620	393,500
White Spruce	108,295	168,200
Norway Spruce	430,465	906,100
Black Hills Spruce	191,905	126,750
Other Spruce²	10,795	71,500

Leyland Cypress³		
Other Cypress³		
Estimate of Unreported (Species not specified)⁴		2,900,000
Totals		39,360,162

¹Fraldam, 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.