



SILVIATERRA Basemap

Basemap is a high resolution forest inventory layer available across the continental US. Derived from SilviaTerra's patented remote-sensing process, every 1/20 acre "pixel" contains a predicted list of the diameter, species, and height of each tree. Stand- and parcel-level volume and value can be summarized from this data.

Utilizing Basemap, you can rapidly acquire a highly granular, landscape-scale view of a parcel without any fieldwork. Basemap treelist data are summarized into rasterized layers of basal area, trees per acre, and species composition for visualization and analysis in a GIS system. SilviaTerra can also report polygon-level inventory summaries (basal area and trees per acre by species group) and their statistical precision.

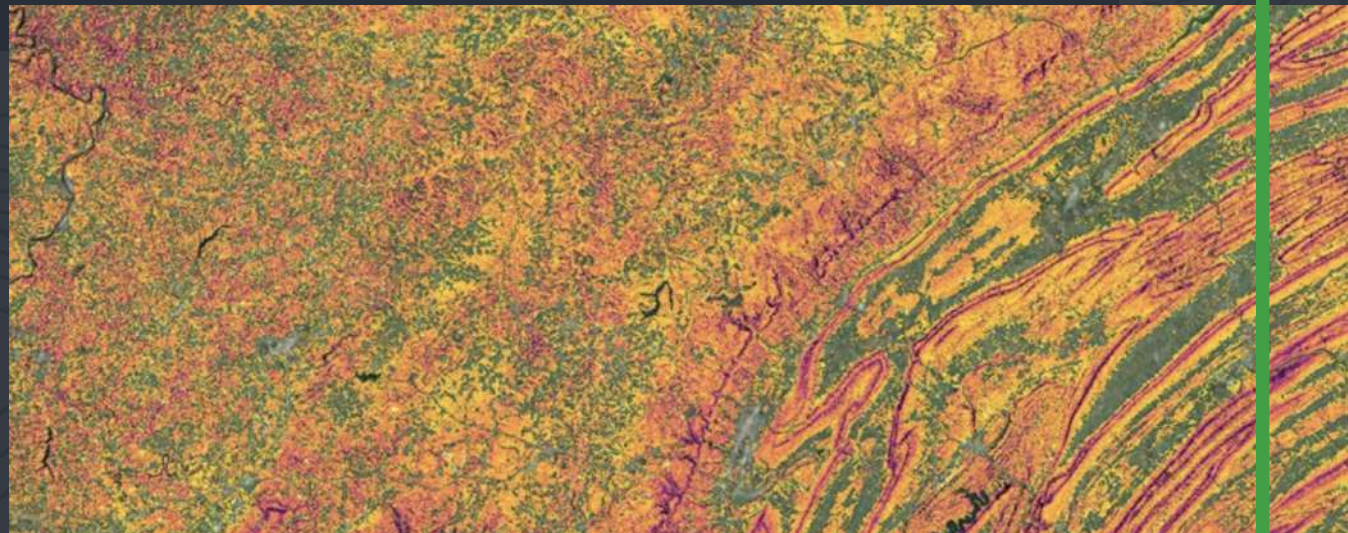
The precision of the data layer is appropriate for the initial overview and review of an area of interest. The precision can be tightened up (for stand-level inventories, management planning, etc.) by installing a small number of additional plots. SilviaTerra staff are available to assist with the design of these precision-improvement cruises at standard CruiseBoost pricing.

Contact

Nan Pond

✉ nan@silviaterra.com

☎ **845.532.1540**



Basemap

Summary details

SilviaTerra's Basemap dated to 2019 is available across the continental United States. Summaries can be made for full properties, individual stands or parcels, or by other geographical bounds of interest.

Example output

Parcel	Acreage	Forested acreage	spp1	spp2	spp3	BAPA total	BAPA spp1	BAPA spp2	BAPA spp3	TPA total	QMD total	BAPA CI total	Merch volume	CO2E
1	112.5	112.1	loblolly pine	pond pine	swamp tupelo	82.1	13.9	10	11.2	134	10,6	13.2	11	10.6
2	138.2	111.5	loblolly pine	loblolly-bay	pond pine	65.3	37.1	5.1	8.8	148	9	1.8	22	9

Additional deliverables such as 30 m resolution rasterized “heatmaps” of variables of interest, or other custom summaries, are also available.

Pricing

Basemap summaries are available for \$0.22/acre for a minimum of 10,000 acres. Summaries for forested properties within a county are available starting at \$5,000 / county. For a price estimate for a larger area or customized summaries, please reach out!

To order:

Contact our Chief Biometric Officer, Dr. Nan Pond, at nan@silviaterra.com