

Tree bud & shoot protectors

Considerate forest management, simple application

Innovation for the tree care industry

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PROTECTS
TERMINAL SHOOTS

signumat
TAGGING TECHNOLOGY

Presentation overview



1. About our roots: Who is American Signumat?
2. The problem: Why develop a tree bud & shoot protector?
3. The solution: Why use a tree bud & shoot protector?
4. Signumat tree bud & shoot protectors at-a-glance
5. The types of tree bud & shoot protectors
6. Field test results
7. Cost and how to order

American Signumat

About our roots: who are we?

- Based in Austria, Signumat Tagging Technology is the leading manufacturer and distributor of a unique forestry log tag system, Urban Forestry tree tags, hardwood log split stoppers, associated tools and the Signumat Tree Bud and Shoot Protectors.
- Headquartered in Maryland, American Signumat is the United States arm of Signumat Tagging Technology.
- We are the exclusive distributor for Signumat for the U.S.A. and Canada.
- All our products can be viewed on our website: <https://americansignumat.com>

Signumat Tree Bud and Shoot Protector history:

- Developed and produced by TS-Holz in Germany and Austria

1990 _____ 2020

- Signumat acquires TS-Holz in 2020 and adds distribution in the US and Canada via American Signumat.

“Millions of Tree Protectors are sold every year and used throughout Europe”

The problem?

Some of the challenges faced by the tree care industry are:

- Game browsing
- Buck rubbing
- Rabbits
- Bird damage to terminal shoots

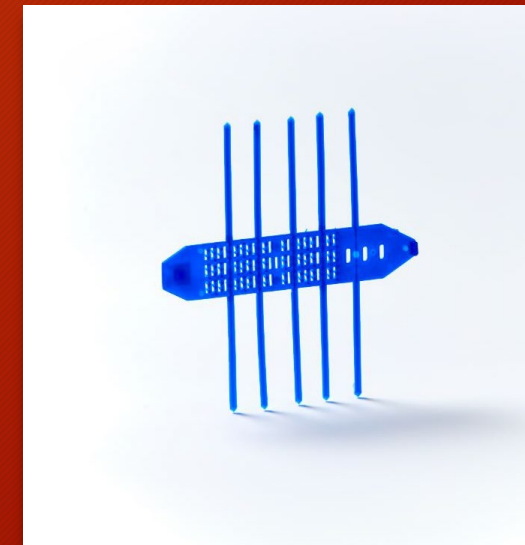
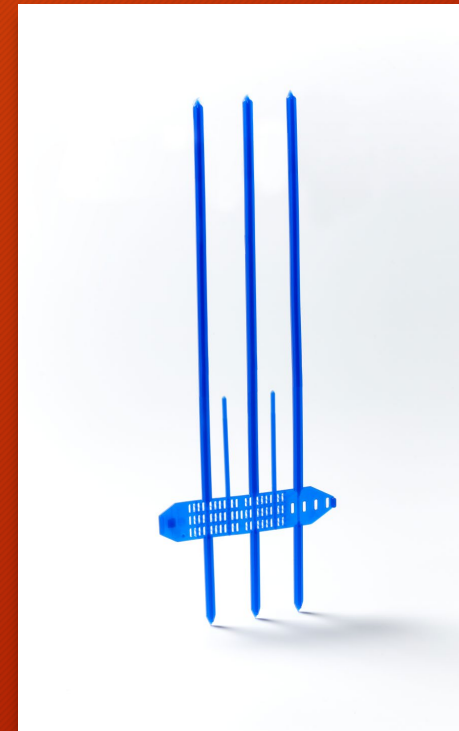
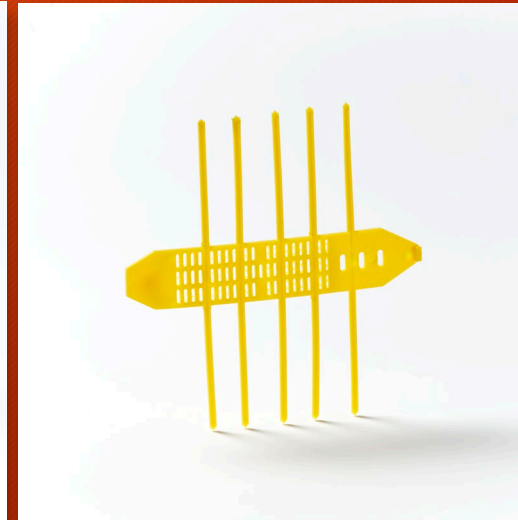
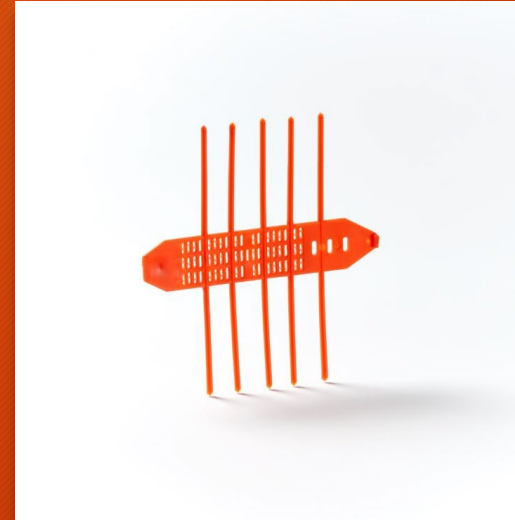
The solution?

Signumat
Tree Bud and Shoot
Protectors



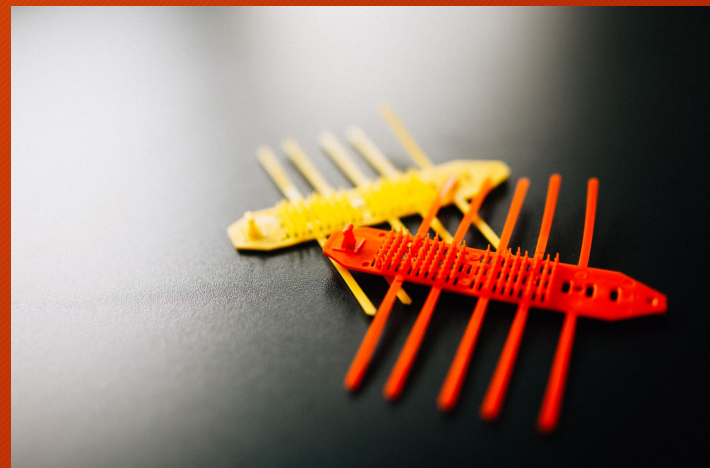
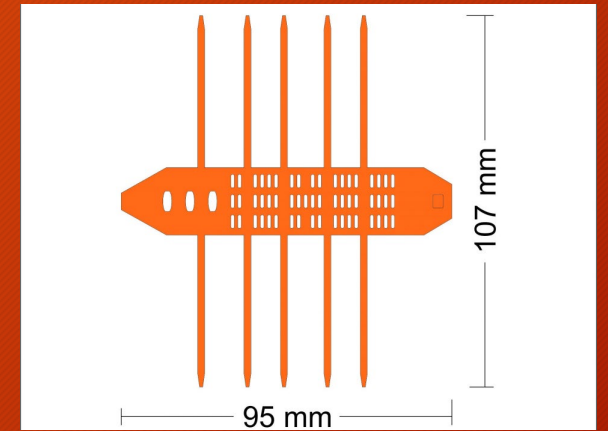
Signumat Tree Bud & Shoot Protector at-a-glance

- Made from high-quality plastic
- Stable, permanent locking system
- Adjustable size
- UV resistant
- Can be used year-round for multiple years
- Easy to install
- Easy to transport
- Available in 4 colors and 2 sizes
- The blue color has a deterrent effect on game
- Recyclable



The short protector

- Size: 3.74" x 4.21"
- Best for strong terminal shoots
- Can be placed on trees year-round
- They are reusable
- Simple to apply
- Economical
- Available in dark blue, orange, yellow and light blue (bio-degradable)



The biodegradable short protector

- Size: 3.74" x 4.21"
- Made from renewable raw materials
- Consumed by micro-organisms when in direct contact with the soil
- Can be placed on trees year-round
- Simple to apply
- Available in light blue



The long protector

- 10.5" x 3.75"
- Used for weak terminal shoots
- Protects from buck rubbing and birds
- Available in dark blue
- Simple application
- Reusable
- Recyclable
- Adjustable size



How to use our tree bud & shoot protectors



- To attach the protector correctly, place it between your thumb and your index finger.
- The side with the thin brushes should be pointing inwards.
- The protector should be positioned below the bud of the terminal shoot.
- It can be fixed by latching the two ends with the snap-fastener.



- Make sure that the protector is not too tight, but rather loose.
- With this measure, the growing tree should not press the protector open.
- In addition to that, the protector should be positioned in a way that the side branches are able to grow.



- Regardless of the weather, the protectors can be left on the trees.
- Due to this, our tree protectors are a year-round clean solution.



- In the subsequent year, the protectors can be easily reopened and then placed on the new terminal shoot.
- Repeat this process on a yearly basis, so that your tree can enjoy permanent protection.

Signumat Tree Bud & Shoot Protector 2020 Field Test Conducted on Spruce

by “Jagd in Tirol/Austria”

Type of Protector	# of undamaged trees tested	# of trees damaged	# of trees undamaged	% of total damage
Forest Spray Paint – Orange	743	122	621	16.42
Tree & Shoot Protector - Orange	632	6	626	0.95
Forest Spray Paint - Blue	1,222	188	1,034	15.38
Tree & Shoot Protector - Blue	600	22	578	3.67
Cervacol – Chemical application	1,477	116	1,361	7.85
Trico - Pesticide	814	215	599	26.41

➔ Less than 1 % of the trees with the Orange Tree Bud & Shoot Protectors suffered any damage

➔ Less than 4 % of the trees with the Blue Tree Bud & Shoot Protectors suffered any damage

Costs and how to order

- Tree-Protector Short (Orange, Yellow, Blue) \$25.00/100 or \$225.00/1000
- Tree-Protector Short (Light Blue - biodegradable) \$30.00/100 or \$270.00/1000
- Tree Protector Long (Blue) \$35.00/100 or \$315.00/1000

Simply place your order online www.americansignumat.com/t/tree-protectors

~ OR ~

Call: American Signumat 443-632-5398

~ OR ~

Email: heinz@americansignumat.com