

About Bountiful Bloom

What is Bountiful Bloom?

Bountiful Bloom is a **free**, online, <u>anonymous</u>, crowd-sourced tool and is available for all California almond growers and partners to use. **No login credentials required.**

Track bloom for your own orchards in order to see bloom results statewide.

You can access it at <u>bountifulalmonds.com</u>. Not a grower or partner or don't wish to submit an observation? Subscribe to bloom updates <u>here</u>.

Why did we create this?

To connect you to other growers and help you understand how the almond bloom is progressing throughout California. Bloom is a crucial stage in the almond lifecycle as it not only sets the crop but also, sets the tone for new crop pricing.

Plus, what do we know about bloom anyways? With record crops set off an "awful" bloom and a "good" bloom, why not collaboratively track this information? We'll be monitoring the bloom via the friendly skies, too, through satellite imagery!



About Bountiful Bloom

How can you use this?

Track bloom activity for your location and see how bloom is progressing for others outside of your growing region.

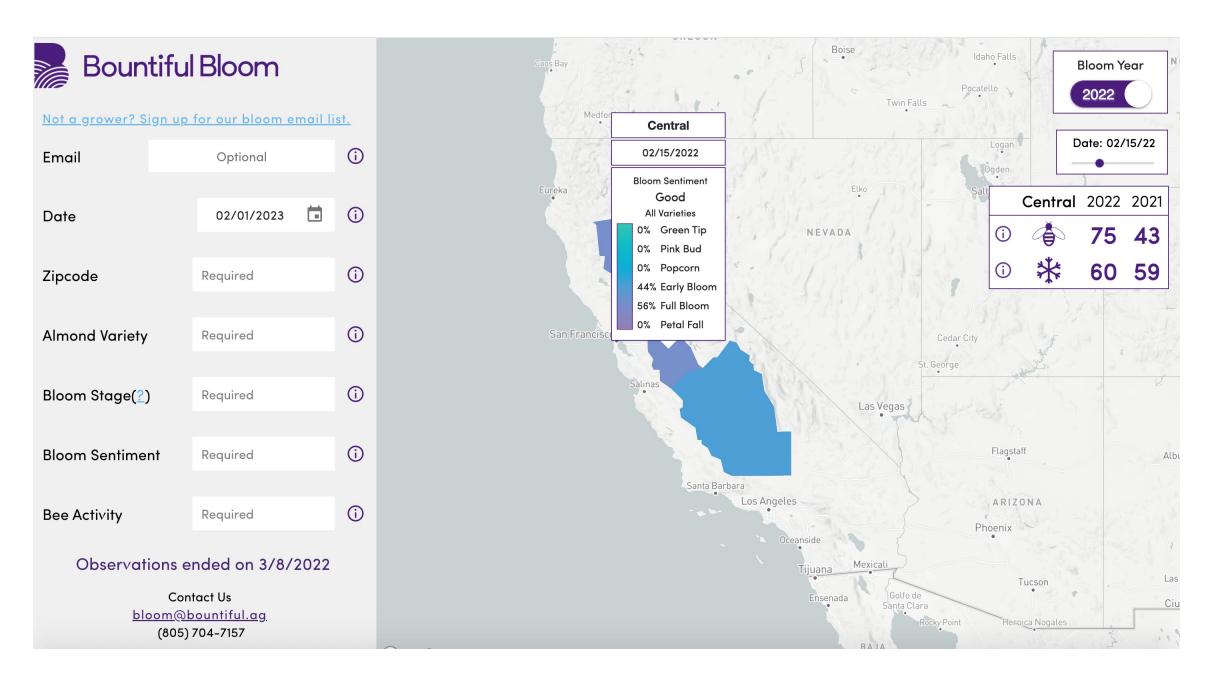
Share the data with your friends. Whether it's bloom stages, sentiment, chill portions, or bee flight hours.

Include bloom data in your market reports.

We've created this guide to help you understand and track the developmental stages of bloom. Please contact Megan Nunes via email megan@bountiful.ag or phone (805)-704-7157 for support.



bountifulalmonds.com



Enter information daily to understand how bloom is trending across

California.

Hover your cursor over the **purple** information icons and **the map** for more detailed information.



Helpful Tips

Participate in tracking bloom to see the results on the map throughout the North, Central, and South regions.

If you choose to enter your email, you can track your bloom observations over the course of the bloom, although <u>email is optional</u>.

Track **Chill Portions** and **Bee Flight Hours** by California state, North, Central, and South regions. And see how current data measures up to the previous crop year.

You know what to do; share this resource guide with your friends. The more people using the Bountiful Bloom, the better the coverage.

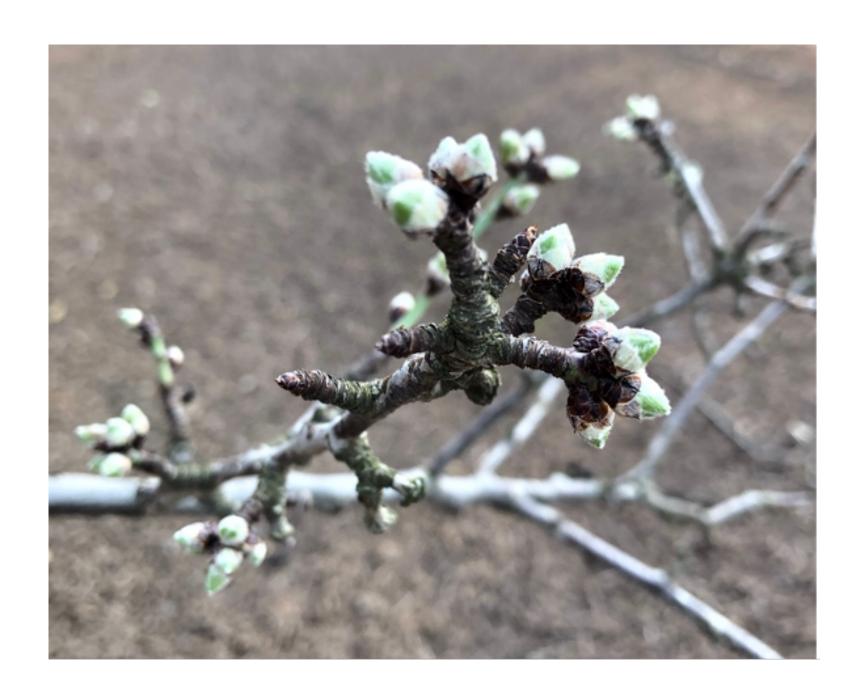




Green Tip

0% bloom activity

the first stage in bloom, where a green tip emerges from the bud





Pink Bud

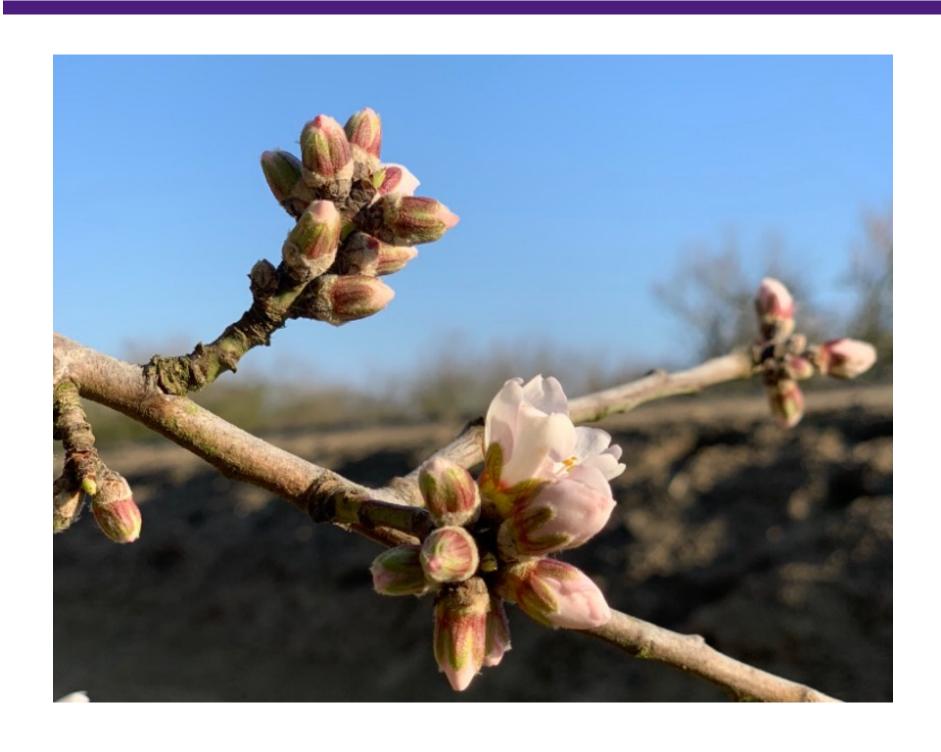
1-4% bloom activity

the second stage of bloom, where the green flower tips turn pink with one or two flowers blooming early





Popcorn

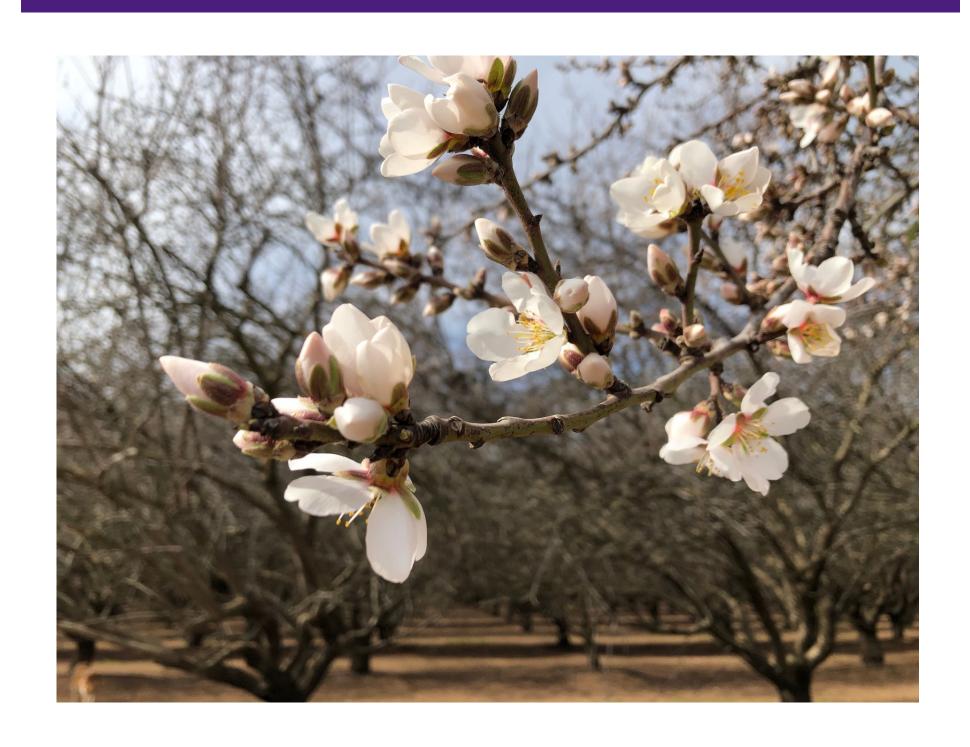


5-19% bloom activity

the stage of bloom where the pink buds begin to open up



Early Bloom



20-50% bloom activity

the stage of bloom where approximately 50–60% of the buds transform into flowers

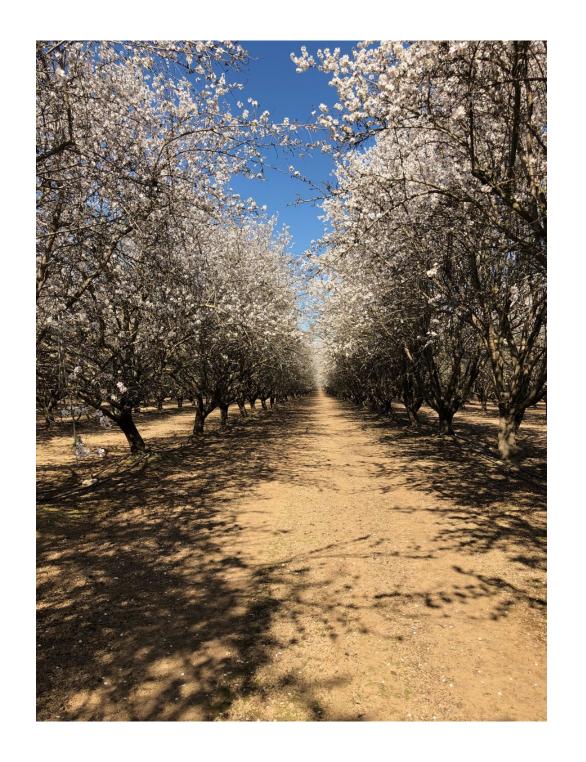


Full Bloom

51-90% bloom activity

the stage of bloom where the majority of buds transform into flowers, fully exposing itself for pollination

the vast majority of the petals should be on the tree and <u>not</u> on the orchard floor





Petal Fall

91–100% bloom activity

the almond industry's winter wonderland, when the white petals detach from the flower and fall onto the orchard floor

during this stage, approximately 50% of petals are on the orchard floor





Thank you for your participation and support!

