



Integral Ag. Inc.

Independent Consulting and Research

*Instructions for*  
**ALMOND & WALNUT HARVEST SAMPLE  
COLLECTION AND SUBMISSION**

ALMOND: DIRECTIONS FOR COLLECTION

What you will need: brown paper bag(s)-lunch bag size is best, sharpie, and stapler.

1. Determine how many samples will be needed. It is advised to collect three (3) samples in the nonpareil (north, center, south *or* east, center, west, etc.) and one (1) sample for each pollinator variety per orchard.

*Example: For an orchard planted with three varieties: Nonpareil, Monterey, and Fritz, a total of five (5) samples should be collected: (3) Nonpareil, (1) Monterey, and (1) Fritz.*

2. Label each paper bag with the following: date collected, orchard name or identification reference, and variety.

3. Samples should be collected after shaking nuts to the ground and before pick up. Collect 150 nuts total per sample for all varieties except Padre and Mission- for these collect 100 nuts per sample. Once at the orchard, walk in at least three trees from the edge to begin sampling. Gather nuts across the entire length of the orchard in that tree row as needed. Avoid picking up more than (5) nuts per tree. Make sure both the hull and nut stay together.

4. With a labeled bag containing 100-150 nuts (depending on variety) fold the top of the bag a few times and secure the bag closed with a staple. At this point the bag is ready for submission.



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## WALNUT: DIRECTIONS FOR COLLECTION

**What you will need: brown paper bag(s)-grocery bag size, sharpie, and stapler.**

1. Determine how many samples will be needed. It is advised to collect one (1) sample per variety per orchard.
2. Label each paper bag with the following: date collected, orchard name or identification reference, variety.
3. Samples may be collected in the field or at the huller.

In field: Collect 100 nuts total per sample for all varieties. Once at the orchard, walk in at least three trees from the edge to begin sampling. Gather nuts across the entire length of the orchard in that tree row as needed. Avoid picking up more than (5) nuts per tree. Remove hulls prior to shipping.

Huller: Collect 100 nuts total per sample for all varieties. Make sure to take nuts from each bin where your nuts are drying (not just one). Try to randomly select nuts (not pick and choose). Remove any remaining hulls prior to shipping.

4. With a labeled bag containing 100 nuts fold the top of the bag a few times and secure the bag closed with a staple. At this point the bag is ready for submission.



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## DIRECTIONS FOR SUBMISSION

**What you will need: Harvest submission form, pen (blue or black ink), all collected samples, shipping supplies, and mailing information.**

1. Print out a sample submission form. Find the form on our website: [integralaginc.com](http://integralaginc.com). Fill in all necessary information. The details in “Sample Information” should match the label on the bag from Step(s) 2 above. Make sure all writing is legible and correct prior to sending.

\*Almonds Only\* The last column on the submission form “Boron Test” is where you will indicate if you would also like to have your hulls tested for boron. This is an addition charge as we collect and send a sample off to an outside lab, forward the results, and provide a written interpretation back to the you the client. There are two methods: individual or composite. The individual will test each sample and the composite will mix the samples from the same block and submit a portion.

Additional Charge: \$30 per test

2. Prepare payment. Samples are priced at \$30 per sample. Checks may be made payable to Integral Ag Inc. or have us send an invoice for services by filling out the “Credit Application for Business Account” form (also found on our website).

3. Place samples with submission form and payment inside shipping box and secure box closed.

4. Mail to: Integral Ag Inc  
255 East 20<sup>th</sup> Street Suite 100  
Chico, CA 95928