

# Grape Bud Analysis

## Advanced Agricultural Services, Inc.

### Suggestions for taking samples

- The number of samples depends on how precise of information the grower desires. For average fruitfulness over a fairly uniform block, a sample size of 20-30 spurs or canes is recommended. If several similar blocks are sampled, we recommend at least 10 per block, and the results can be pooled for an overall average.
- For mapping of strong and weak areas within a block, take 10-20 or more samples from each soil type, labeled in separate bags. Or, take samples from areas within the block, such as each quadrant. The results can be pooled for a block average.
- Take sample spurs or canes that are typical of what will be left on the vines after pruning. Predictive accuracy depends primarily on how well your sample represents what you will leave on the vine.
- Many growers send us 2-bud or 3-bud spurs, but 4 or more buds may be appropriate if low fruitfulness is suspected. Do not send more buds than you want counted. We might not correctly guess what you want us to check.
- Spurs should be placed in plastic bags, each labeled as to ranch, variety, block, and location within block if desired. Do not add wet paper towels. The samples can then be boxed and shipped to us.
- Canes may be shipped whole inside a box, with or without a bag. We typically sample the 3rd, 6th, 9th and 12th bud on a cane, but we can sample more if desired.
- Our price is \$2.65 per bud. Thus a typical cane is \$10.60, and a 3-bud spur is \$7.95.
- It is best to call before you start, so that we can coordinate timing to provide quickest turnover time and fresh samples to check.
- When you are ready to ship, call Devin Carroll, our bud studies manager. He will direct your shipment to the inspector who can return results to you most quickly. It is usually best to mail or ship directly to one of our three inspectors.
- Results are in an Excel spreadsheet, with comments in MS Word. We can email or fax results. Please include contact information in your shipment.

#### Inspection Centers

Devin Carroll, 6373 N. Lead Ave, Fresno, CA 93711, 559-439-6368, mobile: 559-240-5127  
Scott Lecrone, 2900 Agate St., Bakersfield, CA 93304, 661-832-6772, mobile: 559-240-5128  
Don Thomas, 17459 S. 10th Ave., Hanford, CA 93230, 559-584-7866, mobile: 805-838-4074