

## Alfalfa Tissue Sampling

### 1. Timing

- i. Before or after each cutting

### 2. Plant Part

In alfalfa, collect leaf and stems.

- The first 4 to 5 inches of new growth after a cutting. Collect 30 to 35 plants.
- Top 4 to 5 inches of growth before a cutting. Collect 30 35 plants.

### 3. Correct NutriSolutions™ Nomenclature

**We must use the correct growth stage descriptions or the tool will not give a recommendation. The correct nomenclature is:**

- The first 4 to 5 inches of regrowth after a cutting. Collect 30 to 35 plants.
- Top 4 to 5 inches of growth before a cutting.

### 4. Shipping Instructions

- Samples should be shipped on the same day as collected. If this is not possible, keep the samples cool and dry overnight.
- Samples need to be boxed. Do not ship the bags.
- **Ship samples so they are received by the lab the next day.**
- **Monday or Tuesday are ideal for collecting samples, results will be timelier. Avoid collecting samples on Thursday or Friday; they may be held over the weekend and not processed until Monday delaying results.**



## Corn Tissue Sampling

### 1. Timing

- i. Between the 4<sup>th</sup> and 5<sup>th</sup> leaf stage
- ii. Between V12 and V14
- iii. R1 (silking)

### 2. Plant Part

In corn, collect a whole plant or leaf.

- From V2 to V4, collect the whole above ground portion of the plant. If V2 or V3, collect 50 plants. If V4, collect 30 to 35 plants.
- At V5 to VT, collect the first collared-leaf from the whorl. Collect from 30 to 35 plants.
- At R stages, collect the ear leaf and the one directly above the ear from 30 to 35 plants.

### 3. Correct NutriSolutions™ Nomenclature

**We must use the correct growth stage descriptions or the tool will not give a recommendation. The correct nomenclature is:**

- V1
- V2
- V3
- V4
- V5
- V6
- V7
- V8
- V9
- V10
- V11
- V12
- V13
- V14
- VT (tasseling)
- R1 (silking)



### 4. Shipping Instructions

- Samples should be shipped on the same day as collected. If this is not possible, keep the samples cool and dry overnight.
- Samples need to be boxed. Do not ship the bags.
- **Ship samples so they are received by the lab the next day.**
- **Monday or Tuesday are ideal for collecting samples, results will be timelier. Avoid collecting samples on Thursday or Friday; they may be held over the weekend and not processed until Monday delaying results.**

## Soybean Tissue Sampling

### 1. Timing

- i. Once during the vegetative stage
- ii. First bloom
- iii. Earlier pod set

### 2. Plant Part

In soybeans, collect the first fully mature trifoliolate down from the terminal.

- Collect at least 30 to 35 trifoliate (remove petiole).



### 3. Correct NutriSolutions™ Nomenclature

**We must use the correct growth stage descriptions or the tool will not give a recommendation. The correct nomenclature is:**

- V1
- V2
- V3
- V4
- V5
- V6
- V7
- V8
- R1 (beginning bloom)

### 4. Shipping Instructions

- Samples should be shipped on the same day as collected. If this is not possible, keep the samples cool and dry overnight.
- Samples need to be boxed. Do not ship the bags.
- **Ship samples so they are received by the lab the next day.**
- **Monday or Tuesday are ideal for collecting samples, results will be timelier. Avoid collecting samples on Thursday or Friday; they may be held over the weekend and not processed until Monday delaying results.**