

# BACTERIAL LEAF STREAK

## LEAF TISSUE TEST

1. Visually survey the field. Look for symptoms of elongated, water-soaked lesions on leaves, and black longitudinal stripes on glumes and awns.
2. Collect 10 symptomatic leaves from the field.
3. Wrap the plant samples in paper towel and place in a plastic, resealable bag. A cooler is not required.
4. Ship or Drop Off the plant sample to;  
**507-11 Ave Nisku, Alberta T9E 7N5**

**SEND IN A SAMPLE TODAY**

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**1-877-420-2099**

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*never stop growing*

# BACTERIAL LEAF STREAK

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- Caused by *Xanthomonas translucens*, pathovar *undulosa* or *translucens*.
- Also called Black Chaff or Bacterial Leaf Stripe.
- Transmission is caused by infected seed, crop residues, and grassy weeds or forages.
- A **positive test result** for a plant sample confirms Bacterial Leaf Streak disease presence in a field.

## DISEASE MANAGEMENT

- There is limited in-crop options available. Fungicides are **ineffective**.
- Use clean seed.
- Scout for disease and keep records.
- Use a healthy crop rotation between cereal crops.