# AgraStrip®

## Corn Screening Comb Bulk Grain – TraitChek™ (10006122)

The AgraStrip® Corn Screening Comb Bulk Grain – Trait is designed to screen (yes/no answer) for transgenic proteins in corn grain samples.

### How the test works

The AgraStrip® test kits are ready-to-use lateral flow devices for on-site testing. If the sample is genetically modified, the antibody will bind to the expressed protein during incubation, allowing a color to develop. The tests are available in a qualitative (yes/no answer) format.

### It detects the following proteins

- CP4 EPSPS
- Cry1A (Cry1Ab, Cry1Ac, Cry1A.105)
- PAT
- PMI

### Product features

- 10-minute incubation time
- 1 extraction screens for 6 traits
- LOD of 0.1 % for CP4 EPSPS and 0.5 % for Cry1A, PAT and PMI
- Test can detect 92 % of the GM events approved globally according to the ISAAA as of September 2019

### Intended use

- Screen for approved corn GM events with ease
- A clear yes/no answer tells you if the crop has been genetically modified
- Less expensive and faster than PCR

Romer Labs®

Making the World's Food Safer

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## Corn Screening Comb Bulk Grain – TraitChek™ (10006122)

The AgraStrip® Cottonseed Screening Comb Bulk Grain – Trait is designed to screen (yes/no answer) for transgenic proteins in cottonseed grain samples.

### How the test works

The AgraStrip® test kits are ready-to-use lateral flow devices for on-site testing. If the sample is genetically modified, the antibody will bind to the expressed protein during incubation, allowing a color to develop. The tests are available in a qualitative (yes/no answer) format.

### It detects the following proteins

· CP4 EPSPS

· Cry1A (Cry1Ab, Cry1Ac, Cry1A.105)

· PAT

### Product features

· 5-minute incubation time

· 1 extraction screens for 5 traits

· LOD of 0.1% for CP4 EPSPS and 0.5% for Cry1A and PAT

· Test can detect 83% of the GM events approved globally according to the ISAAA as of September 2019

### Intended use

· Screen for approved corn GM events with ease

· A clear yes/no answer tells you if the crop has been genetically modified

· Less expensive and faster than PCR

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