

# SURVEY: Phytoplasma in mungbeans and soybeans:

(Note that grower's identity will be kept confidential (i.e. NOT included) in any survey reports)

Crop Location: \_\_\_\_\_  
Grower/Consultant: \_\_\_\_\_  
Crop variety: \_\_\_\_\_  
Planting date: \_\_\_\_\_  
Harvest date (estimated): \_\_\_\_\_

Crop stage symptoms first seen: \_\_\_\_\_

Plant parts displaying symptoms:

- Whole crop
- Top half
- Only very top
- Pods
- Mix of different symptoms

Estimate % plants infested by doing actual plant counts per unit length of row at a few sites in crop.  
(visual estimates usually overestimate % infection)

\_\_\_\_\_

Estimate % yield loss

(this is likely to be less than % of plants affected)

\_\_\_\_\_

List any major weeds that occur in or around the affected crop

What were the phytoplasma levels in adjacent blocks last year?

None | Low | Moderate | High

Were any of the weeds showing phytoplasma symptoms?

Yes | No

Was there any unusually high early thrips activity?

Yes | No

Were any unusual jassids or leafhoppers observed? (the normal bright green vegetable jassid (3 mm) is not a recognized vector)

Yes | No

Was there a lot of puffy pod in the crop?

Yes | No

Were puffy pods only on plants with typical phyto symptoms

Yes | No

Did the blocks have any previous sulfonylurea herbicide sprays?

Yes | No

What were the spray histories of affected paddocks?

Any other comments?

Relevant images of symptoms can be viewed at...

Please return this form to: Hugh Brier - Senior Entomologist, DAF Kingaroy  
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