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
PO Box 23 Kingaroy Q 4610, Email hugh.brier@daf.qld.gov.au
Ph 07 4182 1840 Mob. 0428 188 069